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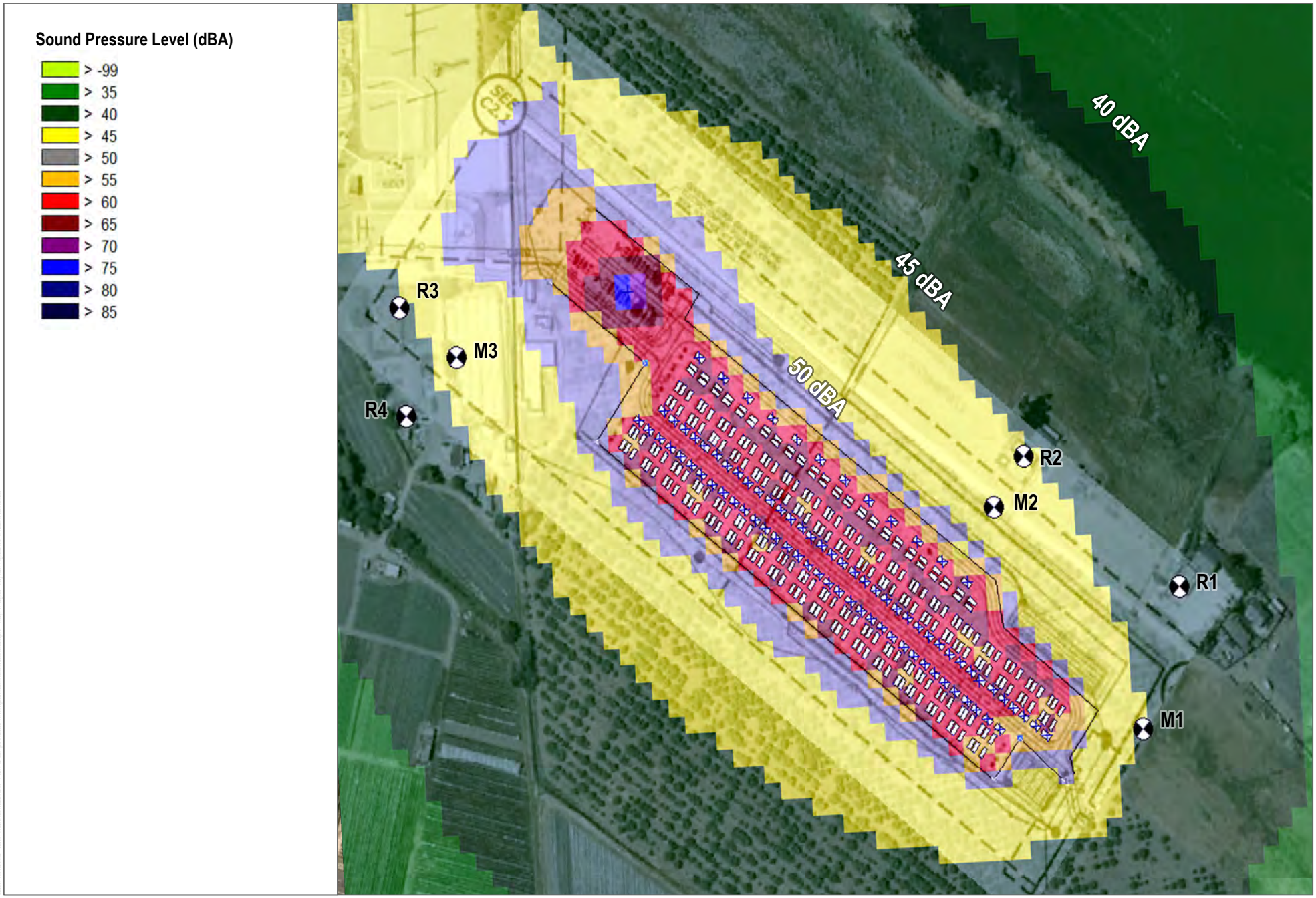

FIGURE 3.7-2

Noise Contour Map from On-Site Operational Noise Level Predictive Modeling (Leq,dBA)

Seahawk Battery Energy Storage System Project

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3.8 Paleontological Resources

This section describes the potential effects the construction and operation of the Seahawk Battery Energy Storage System (BESS) Project (project) may have on paleontological resources at and in the vicinity of the project site. The project would consist of an up to 200-megawatt containerized BESS facility using lithium-iron phosphate cells, or similar technology, operations and maintenance buildings, a project substation, a 115-kilovolt overhead generation interconnection (gen-tie) transmission line, a fire protection system, access improvements, stormwater management, a sound wall, Supervisory Control and Data Acquisition (SCADA), and a temporary construction laydown yard. The project would interconnect from the on-site collector substation to the adjacent Pacific Gas & Electric Company (PG&E) Green Valley Substation via a 115-kilovolt gen-tie transmission line. The gen-tie line would be installed underground from the project substation to the Point of Change of Ownership at an overhead riser pole on the PG&E parcel, and an overhead gen-tie line would connect to the Point of Interconnection at the PG&E Green Valley Substation.

This evaluation of paleontological resources includes the following elements:

- Section 3.8.1 describes the existing environment that could be affected, including regional and local geologic environment;
- Section 3.8.2 identifies potential environmental impacts that may result from project construction, operation, maintenance, and decommissioning;
- Section 3.8.3 discusses the potential cumulative effects;
- Section 3.8.4 identifies project design and mitigation measures that should be considered during project construction, operation, maintenance, and decommissioning to avoid or minimize potentially significant effects;
- Section 3.8.5 presents laws, ordinances, regulations, and standards applicable to paleontological resources;
- Section 3.8.6 identifies regulatory agency contacts;
- Section 3.8.7 describes permits required for the project related to paleontological resources; and
- Section 3.8.8 provides references used to develop this section.

The following environmental setting and impact evaluation is based in part on the following project-specific technical report and engineering plans, included as appendices to this application:

- Appendix 3.4A – Geotechnical Engineering Report
- Appendix 3.8A – Confidential Paleontological Resources Records Search Results
- Appendix 3.8B – Paleontological Resources Constraints Assessment

A summary of the paleontological resources evaluation is provided in the table below.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
1) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	☒	☐	☐

3.8.1 Affected Environment

3.8.1.1 Physiographic and Geologic Setting

The project site lies within the Northern Coastline Subprovince, which superimposes coastal landforms such as steep cliffs, beaches, lagoons, etc., along the western length of the Coast Ranges Geomorphic Province. This Subprovince does not have the buffering effects of the broad continental shelf and so high energy wave action affects the shores. Beaches tend to be cobbly to gravelly with few scattered sandy beaches. The Coast Ranges Geomorphic Province is characterized by northwest trending mountains and valleys that are subparallel to the San Andreas Fault. The coastline is uplifted, terraced, and wave-cut. The strata within the Coast Ranges are thick units of Mesozoic and Cenozoic sediments (CGS 2002).

According to geological mapping by Brabb (1989 and 1997) at a 1:62,500 scale, the project site is underlain by middle to early Holocene (approximately 4,200 to 11,700 years ago; Cohen et al. 2024) older flood-plain deposits (map unit Qof) and Pleistocene (11,700 years ago to 2.58 million years ago; Cohen et al. 2024) terrace deposits of Watsonville, fluvial facies (map unit Qwf) (Figure 3.8-1, Paleontological Sensitivity). Lithologically, the older flood-plain deposits are characterized by loose, fine-grained sand, silt, and clay (Brabb 1997). These older flood-plain deposits have high paleontological resource sensitivity or potential. The terrace deposits of Watsonville, fluvial facies consist of moderately indurated, poorly to moderately sorted, silt, sand, silty clay, and gravel. The upper 5 to 15 feet is moderately lithified due to clay and iron oxide cementation. Gravel layers can be 50 feet thick and are normally found 50 feet below the ground surface (Brabb 1997). These terrace deposits have high paleontological resource sensitivity or potential (Figure 3.8-1, Paleontological Sensitivity).

Citing geological mapping of Brabb (1989) at a 1:62,500 scale and Graymer et al. (2006) at a 1:250,000 scale, the project-specific geotechnical report indicated the proposed project site is surficially mapped as terrace deposits of Watsonville, fluvial facies (Pleistocene) (map unit Qwf of Brabb [1989]) and terrace deposits of Watsonville, alluvial fan facies (map unit Qwa of Brabb [1989]) (Appendix 3.4A). The geotechnical study concluded that "…subsurface conditions consist of alluvial deposits to a depth of at least 100 ft bgs." For the purposes of this analysis, the more recent geological mapping of Brabb (1997) would be used.

3.8.2 Impact Analysis

For the units represented in Figure 3.8-1, Paleontological Sensitivity, and as expressed in Table 3.8-1, Standards for Determining Paleontological Sensitivities, the middle to early Holocene older floodplain deposits and Pleistocene

terrace deposits of Watsonville, fluvial facies, underlying the project site have high paleontological sensitivity or potential as the sediments are old enough to preserve fossils. As per SVP (2010):

> SIGNIFICANT PALEONTOLOGICAL RESOURCES are fossils and fossiliferous deposits, here defined as consisting of identifiable vertebrate fossils, large or small, uncommon invertebrate, plant, and trace fossils, and other data that provide taphonomic, taxonomic, phylogenetic, paleoecologic, stratigraphic, and/or biochronologic information. Paleontological resources are considered to be older than recorded human history and/or older than middle Holocene (i. e., older than about 5,000 radiocarbon years).

The following sections present the potential effects from the construction and operation of the project on paleontological resources.

3.8.2.1 Methodology

The standards used for determining paleontological sensitivities as set forth by the Society of Vertebrate Paleontology (SVP 2010) are listed in Table 3.8-1.

Table 3.8-1. Standards for Determining Paleontological Sensitivities

Resource Sensitivity/Potential	Definition
High	Rock units from which vertebrate or significant invertebrate, plant, or trace fossils have been recovered are considered to have a high potential for containing additional significant paleontological resources. Rock units classified as having high potential for producing paleontological resources include, but are not limited to, sedimentary formations and some volcaniclastic formations (e.g., ashes or tephras), and some low-grade metamorphic rocks that contain significant paleontological resources anywhere within their geographical extent, and sedimentary rock units temporally or lithologically suitable for the preservation of fossils (e.g., middle Holocene and older, fine-grained fluvial sandstones, argillaceous and carbonate-rich paleosols, cross-bedded point bar sandstones, fine-grained marine sandstones). Paleontological potential consists of both (1) the potential for yielding abundant or significant vertebrate fossils or for yielding a few significant fossils, large or small, vertebrate, invertebrate, plant, or trace fossils; and (2) the importance of recovered evidence for new and significant taxonomic, phylogenetic, paleoecologic, taphonomic, biochronologic, or stratigraphic data. Rock units that contain potentially datable organic remains older than late Holocene, including deposits associated with animal nests or middens, and rock units that may contain new vertebrate deposits, traces, or trackways are also classified as having high potential.
Low	Reports in the paleontological literature or field surveys by a qualified professional paleontologist may allow determination that some rock units have low potential for yielding significant fossils. Such rock units will be poorly represented by fossil specimens in institutional collections or, based on general scientific consensus, only preserve fossils in rare circumstances and the presence of fossils is the exception not the rule; e.g., basalt flows or Recent colluvium. Rock units with low potential typically will not require impact mitigation measures to protect fossils.
Undetermined Potential	Rock units for which little information is available concerning their paleontological content, geologic age, and depositional environment are considered to have undetermined potential. Further study is necessary to determine whether these rock

Table 3.8-1. Standards for Determining Paleontological Sensitivities

Resource Sensitivity/Potential	Definition
	units have high or low potential to contain significant paleontological resources. A field survey by a qualified professional paleontologist to specifically determine the paleontological resource potential of these rock units is required before a paleontological resource impact mitigation program can be developed. In cases where no subsurface data are available, paleontological potential can sometimes be determined by strategically located excavations into subsurface stratigraphy.
No Potential	Some rock units have no potential to contain significant paleontological resources; for instance, high-grade metamorphic rocks (such as gneisses and schists) and plutonic igneous rocks (such as granites and diorites). Rock units with no paleontological resource potential require neither protection nor impact mitigation measures relative to paleontological resources.

Paleontological sensitivities have been assigned to each formation found within and near the project site and can be found in Section 3.8.2.

A records search was requested from the Natural History Museum of Los Angeles County on March 21, 2024, and the Santa Cruz Museum of Natural History on September 25, 2025. The purpose of the museum records search is to determine whether there are any known fossil localities within or near the project site to assist in determining whether a paleontological mitigation program is necessary. Published geological literature and maps were reviewed to identify geological units on the project site and determine their paleontological sensitivity. A pedestrian survey covering all accessible areas of the project site was conducted by Dudek staff on November 26, 2025. The pedestrian surveys confirmed the geology, and no fossils were observed.

3.8.2.1.1 Records Search and Literature Review Results

There are no known fossil localities within a 1-mile radius of the project site. The project site is underlain by middle to early Holocene older flood-plain deposits and Pleistocene terrace deposits of Watsonville, fluvial facies. These deposits have the potential to produce fossils on the surface and at shallow depths below the surface. The Natural History Museum of Los Angeles County responded to the paleontological records search request on March 31, 2024, indicating from a preliminary review of their fossil specimen database, they had no relevant fossil localities within that region, as they had not done work within the area, (NHMLA 2024). The Santa Cruz Museum of Natural History responded to the paleontological records search request on October 30, 2025, also indicating they had no fossil localities in the area (SCMNH 2025).

A search of paleontological literature and online compilation databases revealed one locality (168016), approximately 3.6 miles southwest of the project site, where a mammoth was salvaged while digging the Watsonville (Buena Vista) Landfill in 1973. This locality was located within an unlithified terrestrial siliciclastic unit (McClennen et al. 2017). In his compilation of early Holocene to Pleistocene vertebrates from California, Jefferson (1991) reported mammoths (*Mammuthus columbi*) from Aptos and Santa Cruz, California.

3.8.2.1.2 Results of the Field Survey

A pedestrian survey that covered the project site was conducted by Dudek paleontological surveyor, Kolin Taylor, on November 26, 2025. The majority of the project site was heavily vegetated with little exposed ground surface,

which precluded an intensive pedestrian survey of much of the site. Exposed ground surfaces, including areas of bioturbation, were closely inspected for evidence of microfossils potentially brought to the surface. Lithologically, observed sediments consisted of silty clays with minor amounts of sand that were weakly to moderately indurated. Exposed ground surfaces in areas mapped as terrace deposits of Watsonville, fluvial facies tended to be more sand rich and oxidized than the terrace deposits of Watsonville, alluvial fan facies. No paleontological resources were discovered on site during the field survey. Photographs from the field survey are included in Appendix 3.8B, Paleontological Resources Constraints Assessment.

3.8.2.2 Impact Evaluation Criteria

Appendix G of the California Environmental Quality Act (CEQA) is a screening tool, not a method for setting thresholds of significance. Appendix G is typically used in the Initial Study phase of the CEQA process, asking a series of questions. The purpose of these questions is to make a determination as to whether a project requires an environmental impact report, a mitigated negative declaration, or a negative declaration. As the Governor's Office of Planning and Research stated, "Appendix G of the Guidelines lists a variety of potentially significant effects but does not provide a means of judging whether they are indeed significant in a given set of circumstances." The answers to the Appendix G questions are not determinative of whether an impact is significant or less than significant. Nevertheless, the questions presented in CEQA Appendix G are instructive.

The potential for impacts related to paleontological resources were evaluated using the relevant criteria described in the CEQA Environmental Checklist (Appendix G of the CEQA Guidelines). Specific to paleontological resources, the CEQA Checklist asks, would the project: Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

3.8.2.3 CEQA Appendix G Assessment Criteria

Criterion 3.8-1 Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less than Significant With Mitigation Incorporated. The results of the institutional records search and desktop geological review did not identify any paleontological resources within the project site or within a 1-mile radius buffer of the project site. In addition, no paleontological resources were discovered on site during the field survey. However, intact paleontological resources may be present within the mapped middle to early Holocene older flood-plain deposits and Pleistocene terrace deposits of Watsonville, fluvial facies. Given the proximity of past fossil discoveries in the surrounding area and the underlying middle Holocene to Pleistocene deposits, the project site has a high resource sensitivity or potential for supporting paleontological resources below any topsoil or weathered deposits.

The project site is underlain middle Holocene to Pleistocene age sediments that would require monitoring. In the event that intact paleontological resources are located on the project site, ground-disturbing activities associated with construction of the project, such as grading during site preparation, large diameter (2 feet or greater) drilling, and trenching, have the potential to affect unique paleontological resources or sites. Without mitigation, the potential damage to paleontological resources during construction would have a potentially significant impact. However, upon implementation of Mitigation Measure GEO-1 (see below), impacts would be reduced to **less than significant**.

3.8.3 Cumulative Effects

Potential cumulative impacts to paleontological resources could result from projects that combine to create an environment where fossils, exposed on the surface, are vulnerable to destruction by earthmoving equipment, looting by the public, and natural causes such as weathering and erosion. The majority of impacts to paleontological resources are site-specific and are therefore generally mitigated on a project-by-project basis. Projects with potential cumulative impacts would be required to assess impacts to paleontological resources through the environmental review (CEQA) process.

Additionally, as needed, projects would incorporate individual mitigation for site-specific geological units present on each individual project site. Furthermore, the project does not directly or indirectly contribute to an increase in a cumulative impact to paleontological resources, as the implementation of MM GEO-1 provided in this analysis ensures any significant paleontological resources uncovered during project excavations would be properly analyzed and salvaged by the on-site paleontological monitor. Therefore, the project, in combination with the past, present, and reasonably foreseeable future projects adjacent to the project, would result in less than cumulatively considerable impacts to paleontological resources.

3.8.4 Mitigation Measures

GEO-1 Prior to commencement of any grading activity on site, the applicant shall retain a qualified paleontologist meeting the Society of Vertebrate Paleontology (SVP) (2010) guidelines. The paleontologist shall attend a preconstruction meeting, present a worker environmental awareness training, and prepare and implement a Paleontological Resources Mitigation and Monitoring Program for the Project.

Verification: The Paleontological Resources Mitigation and Monitoring Program shall be consistent with the guidelines of the SVP (2010) and include the following elements: project description, requirements for preconstruction worker environmental awareness training, frequency of monitoring, salvage protocols, reporting, and collections management. The qualified paleontologist or a qualified monitor meeting the SVP (2010) guidelines shall be on site during all rough grading and other significant ground-disturbing in previously undisturbed middle Holocene and Pleistocene-age deposits. If excavations are not impacting previously undisturbed deposits, as determined by the qualified paleontologist, spot-check monitoring shall ensue. In the event that paleontological resources (e.g., fossils) are unearthed during grading, the paleontological monitor shall temporarily halt and/or divert grading activity to allow recovery of the paleontological resources. The area of discovery shall be roped off with a 50-foot-radius buffer, or at a safe distance as determined by the monitor and construction personnel, to document and collect the fossils. Once documentation and collection of the find is completed, the monitor shall remove the rope and allow grading to recommence in the area of the find. Costs for laboratory work and curation fees are the responsibility of the project applicant. No monitoring is required during excavations that the paleontologist determines are within artificial fill, previously disturbed sediments or younger alluvium (e.g., Holocene age Quaternary alluvium, younger than approximately 11,700 years) as these sediments are generally too young to preserve fossils and have low sensitivity.

3.8.5 Laws, Ordinances, Regulations, and Standards

Federal, state, and local laws, ordinances, regulations, and standards applicable to paleontological resources are discussed below and summarized in Table 3.8-2.

Table 3.8-2. LORS Applicable to Paleontological Resources

Jurisdiction	LORS	Applicability	Project Conformity	Opt-In Application Reference
State	CEQA	Requires state and local government agencies to inform decision makers and the public about the potential environmental impacts of the project, including to paleontological resources, and to reduce environmental impacts to the extent feasible.	**Yes.** CEC would act as CEQA lead agency, per the CEC's Opt-in Application process.	Section 3.8.2.2 Section 3.8.2.3 Section 3.8.5.1
State	California PRC Section 5097.5	Provides protection for paleontological resources on public lands.	**Not applicable** to this project because it is located entirely on private property.	Section 3.8.5.1
Local	2024 Santa Cruz County General Plan	Includes goals and policies that are intended to address paleontological resources in Santa Cruz County.	**Yes.** Siting of the project would comply with the General Plan with respect to areas of potential paleontological resources.	Section 3.8.4 Section 3.8.5.2
Local	Santa Cruz County Code Chapter 16.44, Paleontological Resource Protection	Provides methods and regulations for the identification and treatment of paleontological resources within the Santa Cruz County	**Yes.** Siting of the project would comply with the Santa Cruz County Code Chapter 16.44 with respect to areas of potential paleontological resources.	Section 3.8.4 Section 3.8.5.2

Notes: LORS = laws, ordinances, regulations, and standards; CEQA = California Environmental Quality Act; CEC = California Energy Commission; PRC = Public Resources Code.

Paleontological resources are protected on state lands under CEQA and on Santa Cruz County lands according to goals and policies outlined in the Santa Cruz County General Plan (2024) and Santa Cruz County Code Chapter 16.

The project, as currently planned, does not cross any Federal lands and is subject only to state and local regulatory conditions.

3.8.5.1 State

California Environmental Quality Act

Paleontological resources are afforded consideration under the California Environmental Quality Act of 1970. Appendix G of the State of California CEQA Guidelines (14 CCR 15000 et seq.) includes the following as one of the questions to be answered in the Environmental Checklist (Appendix G, Section VII, Part f): "Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?"

The CEQA lead agency (California Energy Commission) is responsible for ensuring that potential impacts to paleontological resources are analyzed.

California Public Resources Code Section 5097.5

California Public Resources Code Section 5097.5 provides that any knowing and willful excavation, removal destruction, injury, or defacement of vertebrate paleontological sites or paleontological features located on public lands is prohibited without the express permission of the public agency having jurisdiction over the lands.

Section 5097.5 does not apply to the project because it lies entirely on private property.

3.8.5.2 Local

Santa Cruz County General Plan

The Agriculture, Natural Resources, and Conservation Element of the Santa Cruz County General Plan discusses the importance of non-renewable paleontological resources and outlines policies to mitigate negative impacts (Santa Cruz County 2024). The goals and policies relevant to paleontological resources are outlined below:

Goal ARC-5 Visual Resources. Identify and protect the visual resource areas in the County that have regional public importance for their natural beauty or rural agricultural character.

Policy ARC-5.1.1 (LCP) Designation of Visual Resources. Designate on the General Plan/LCP Resources and Constraints Maps (Appendix F) and define visual resources as areas having regional public importance for their natural beauty or rural agricultural character. Include the following areas when mapping visual resources: vistas from designated scenic roads, Coastal Special Scenic Areas, and unique hydrologic, geologic, and paleontologic features identified in Goal 6. Ocean views, agricultural fields, wooded forests, open meadows, ridgetops, and mountain hillside views are also public scenic assets that should be identified and considered during development review permit processes.

Goal ARC-6 Hydrological, Geological + Paleontological Resources. Protect hydrological, geological, and paleontological resources that stand out as rare or unique and representative in Santa Cruz County because of their scarcity, scientific or educational value, aesthetic quality, or cultural significance.

Policy ARC-6.1.1 (LCP) Protection and Designation of Significant Resources. Protect significant geological features such as caves, large rock outcrops, inland cliffs and special formations of scenic or scientific value, hydrological features such as karst topography, major waterfalls or springs, and paleontological features, through the environmental review process. Designate such sites on the General Plan/LCP Resources and Constraints Maps where identified.

Policy ARC-6.1.2(LCP) Protecting Significant Resources Through Easements and Land Dedications. Encourage and obtain where possible Open Space Easements or other forms of land dedication to conserve as open space those areas containing hydrological, geological, or paleontological features of significant scenic or scientific value.

Siting of the project would comply with the General Plan with respect to areas of potential paleontological resources.

Santa Cruz County Code Chapter 16.44, Paleontological Resource Protection

This chapter of the Santa Cruz County Code is intended to protect paleontological resources and provides methods and regulations for the identification and treatment of paleontological resources within the county. Section 16.44.040 requires preparation of a paleontological survey for specified developments in areas of known paleontological resources, and measures must be included to protect resources during ground-disturbing development activities. Specifically, this chapter requires that a paleontological report shall be required if the County Environmental Coordinator determines on the basis of the paleontological survey that further information is required to ensure protection of paleontological resources. Pursuant to section 16.44.060, in granting the required permit(s) for a project on the site of a significant paleontological resource, the Planning Director shall attach reasonable conditions to ensure compliance with the purposes of this chapter. Such conditions could include, but are not limited to, having a qualified paleontologist approved by the County present to observe, to examine and to evaluate the site during ground disturbing development activities; and to convey fossil finds to an appropriate museum or research institute. Section 16.44.070 provides procedures to follow if a paleontological resource is discovered during construction.

3.8.6 Agencies and Agency Contacts

Applicable agency contacts are shown in Table 3.8-3. The Natural History Museum of Los Angeles County was contacted on March 21, 2024, and the Santa Cruz Museum of Natural History was contacted on September 25, 2025, to request the paleontological resources records searches. The Natural History Museum of Los Angeles County responded on March 31, 2024, and the Santa Cruz Museum of Natural History responded on October 30, 2025 (see Appendix 3.8A).

Table 3.8-3. Agencies and Agency Contacts

Topic	Agency	Contact
Paleontological Resources Documentation and Specimen Repository	Natural History Museum of Los Angeles County	Alyssa Bell, PhD 900 Exposition Blvd. Los Angeles, California 90007 Ph. 213.763.3466 paleorecords@nhm.org

Table 3.8-3. Agencies and Agency Contacts

Topic	Agency	Contact
Paleontological Resources Documentation and Specimen Repository	Santa Cruz Museum of Natural History	Kathleen Aston 1305 East Cliff Drive Santa Cruz, California 95062 Ph. 831.420.6115 collections@santacruzmuseum.org

3.8.7 Permits and Permit Schedule

No permit related to paleontological resources is required by any federal, state, or county agency to allow for the recovery of fossil remains discovered as a result of construction-related ground-disturbance on the project site.

3.8.8 References

Brabb, E.E. 1989. "Geologic Map of Santa Cruz County, California". [map]. 1:62,500. U.S. Geological Survey Miscellaneous Investigations Series Map I-1905.

Brabb, E.E. 1997. "Geologic Map of Santa Cruz County, California: A Digital Database" [map]. 1:62,500. U.S. Geological Survey Open-File Report OF-97-489. Map and pamphlet. https://ngmdb.usgs.gov/Prodesc/proddesc_18796.htm.

CGS (California Geological Survey). 2002. *California Geomorphic Provinces: Note 36*. 4 pp.

Cohen, K.M., S.C. Finney, P.L. Gibbard, and J.X. Fan. 2024. "The ICS International Chronostratigraphic Chart." *Episodes* 36: 199–204. International Commission on Stratigraphy. Last updated 2024. https://stratigraphy.org/ICSchart/ChronostratChart2024-12.pdf.

Graymer, R.W., W. Bryant, C.A. McCabe, S. Hecker, and C.S. Prentice. 2006. "Geologic Map of the San Francisco Bay Region" [map and poster]. 1:250,000. U.S. Geological Survey Scientific Investigations Map 2918.

Jefferson, G.T. 1991. *A Catalog of Late Quaternary Vertebrates from California*. Natural History Museum of Los Angeles County Technical Reports, No. 7:1–174. Unpublished revision May 18, 2012.

McClennen M, J. Jenkins, M. Uhen. 2017. Paleobiology Database. Occurrence Dataset https://doi.org/10.15468/jfqhiu accessed via GBIF.org on 2024-04-03.

NHMLA (Natural History Museum of Los Angeles County). 2024. Records Search Correspondence from theNatural History Museum of Los Angeles County, Los Angeles, California. March 31, 2024. Alyssa Bell, PhD.

Santa Cruz County. 2024. Santa Cruz County General Plan/LCP, Chapter 5: Agriculture, Natural Resources, and Conservation Element. March 15, 2024.

SCMNH (Santa Cruz Museum of Natural History). Records Search Correspondence from the Santa Cruz Museum of Natural History. October 30, 2025. Kathleen Aston.

SVP (Society of Vertebrate Paleontology). 2010. *Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources*. 11 p. Available; https://vertpaleo.org/wp-content/uploads/2021/01/SVP_Impact_Mitigation_Guidelines-1.pdf.

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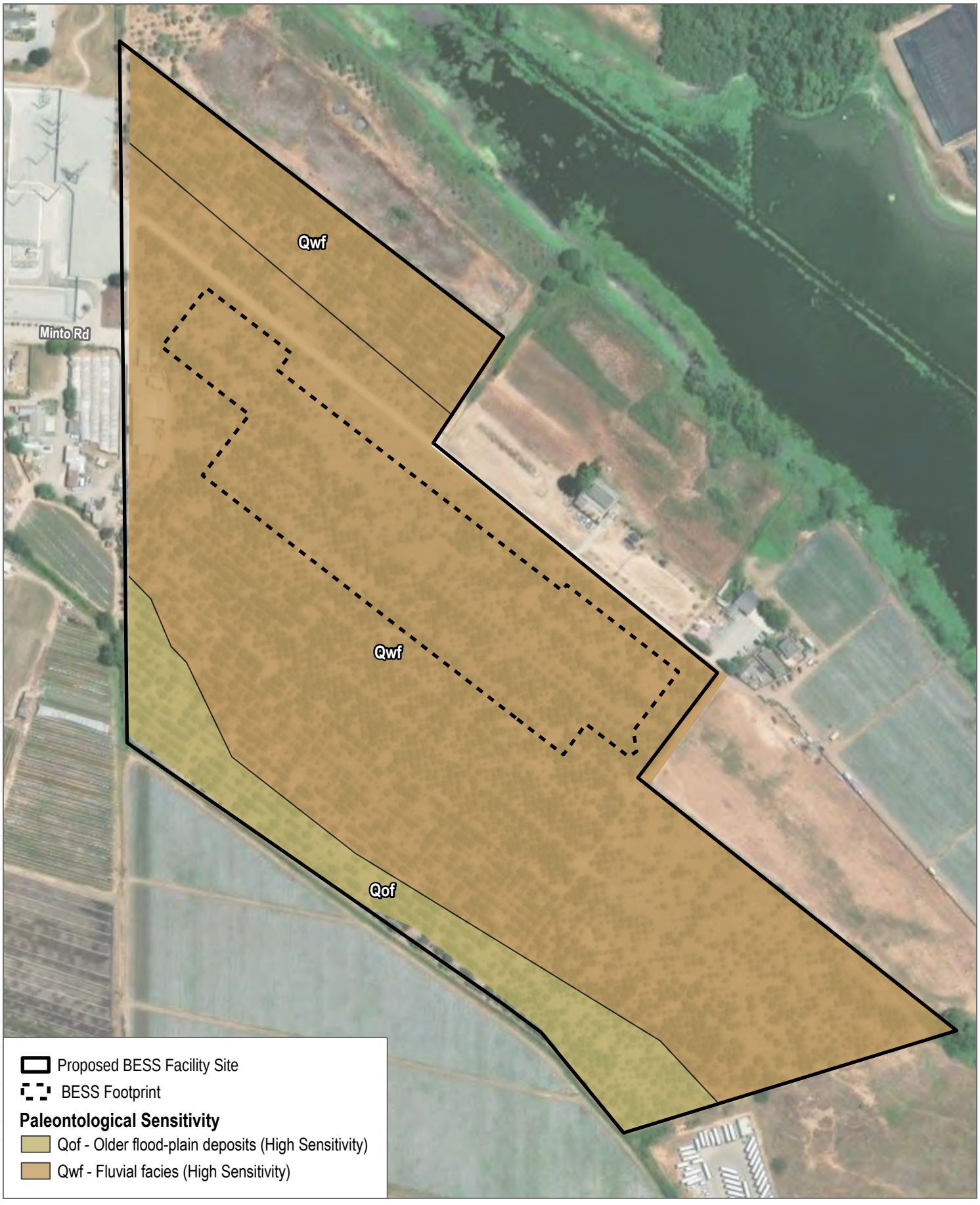

SOURCE: Maxar 2024; OpenStreetMaps 2019; Santa Cruz County Accessed 2025; Brabb 1997

DUDEK

0 145 290 Feet

FIGURE 3.8-1

Paleontological Sensitivity

Seahawk Battery Energy Storage System

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3850 Vine Street #110 | Riverside, CA 92507
805.692.6921 OFFICE
mnsengineers.com

March 20, 2026

New Leaf Energy
Attention: William Peregoy
55 Technology Drive, Suite 102
Lowell, MA 01851

Via email: wperegoy@newleafenergy.com

SUBJECT: Public Health Assessment for the Seahawk Battery Energy Storage System Project

MNS Engineers, Inc. has prepared this report to evaluate public health impacts of the Seahawk Battery Energy Storage System (BESS) Project (project). This analysis is supported by emissions modeling found in **Appendix A**, *Public Health Modeling Data*, prepared by Dudek in September 2024, the *Construction Health Risk Assessment for the Seahawk BESS Project*, prepared by Dudek in December 2024, and the *Hazardous Consequence Analysis for the Seahawk BESS Project*, prepared by Dudek in December 2024. This report is in compliance with California Environmental Quality Act (CEQA) Guidelines and the requirements of California Energy Commission's (CEC) Opt-In Certification Program under the Assembly Bill (AB) 205.

1 Introduction

1.1 Project Location

The project is located in unincorporated area of the County of Santa Cruz (County), California. The project site is generally south of Paulsen Road, north of Grimmer Road, and east of Minto Road; refer to **Figure 1**, *Project Site Location*. Local access to the site is provided from Green Valley Road to Minto Road.

1.2 Project Description

The project would construct a 200 megawatts (MW) BESS that would deliver and receive power from the existing Pacific Gas and Electric Company (PG&E) Green Valley Substation to the northwest of the project site. The project site plan is shown as **Figure 2**, *Site Plan*.

The BESS would consist of battery modules housed in purpose-built metal enclosures, with integrated power conversion equipment and fire suppression systems, in compliance with all applicable standards. In addition, the BESS would have on-site interconnection equipment including transformers and would be completely enclosed within a 7-foot-high perimeter fence. Where appropriate, sound walls would be provided in certain locations in place of the 7-foot-high perimeter fence. Interconnection to the PG&E substation would also require on- and off-site 115 kilovolts (kV) transmission poles for the overhead generation transmission line ("gen-tie") wires. The total project area including the gen-tie is estimated to be no more than 16 acres.

Once constructed, the project would operate 7 days per week, 365 days per year. Typical operation of the system would include charging from the grid during the day and discharging during peak electric demand

at night. The system would have minimal lighting for safety at night. Project operations would be monitored remotely through the supervisory control and data acquisition (SCADA) system. The project would include one single story control enclosure for the SCADA system near the project substation.

Regular operations and maintenance would be conducted using maintenance trucks, including but not limited to equipment testing, monitoring, repair, routine procedures to ensure service continuity, and standard preventative maintenance.

During construction and operations, access to the site would be via a proposed 20-foot-wide gravel access road onto the property from Minto Road. There would be adequate area on the property for vehicle parking and equipment staging during both the construction and operational phases. No supplies are required to be stored on site.

2 Existing Setting

2.1 Toxic Air Contaminants

Toxic air contaminants (TACs) are pollutants which may be expected to result in an increase in mortality or serious illness, or which may pose a present or potential hazard to human health. Health effects include cancer, birth defects, neurological damage, damage to the body's natural defense system, and diseases which lead to death. They include both organic and inorganic chemicals released from common activities such as vehicle use, gas stations, dry cleaning, industrial processes, painting, and operations at research or educational facilities. California Air Resources Board (CARB) has formally identified over 200 substances and groups of substances as TACs. No ambient air quality standards exist for TACs, and even very low concentrations may still pose health risks, making it challenging to determine safe exposure levels. TAC impacts are evaluated in terms of carcinogenic risk as well as chronic (long-term) and acute (short-term, severe) health effects. Individuals exposed to sufficiently high concentrations for extended periods may face a greater risk of cancer or other serious outcomes, including asthma, respiratory issues, and reduced lung function.

In California, a major source of TACs is diesel engine exhaust, which contains diesel particulate matter (DPM). Over 90 percent of DPM particles are smaller than one micron, placing them within the fine particulate matter with a diameter of 2.5 micrometers or less ($PM_{2.5}$) size range. Because these particles are so small, they can be inhaled deeply into the bronchial and alveolar regions of the lungs. DPM consists mainly of carbon particles (“soot,” or black carbon) along with numerous organic compounds, including more than 40 substances known to cause cancer. These chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene. In August 1998, CARB designated “particulate emissions from diesel-fueled engines” (i.e., DPM) as a TAC. DPM is released from a wide variety of diesel engines, including on-road vehicles such as trucks, buses, and cars, as well as off-road sources such as locomotives, marine vessels, and heavy construction equipment. Roughly 70 percent of all airborne cancer risk in California is linked to DPM. To address this risk, CARB adopted a diesel risk reduction plan in 2000. Health impacts of DPM include premature death; hospital and emergency visits for worsened heart and lung disease, including asthma; increased respiratory symptoms; and reduced lung function in children. Children with developing lungs and older adults with chronic conditions are especially vulnerable to these non-cancer effects.

2.2 Health Risk

Cancer Risk

Cancer risk refers to the increased lifetime probability that a person will develop cancer as a result of exposure to a carcinogenic substance, typically expressed as the added chance per one million people. To estimate cancer risk from inhaling a TAC, the inhalation dose (and, when applicable, ingestion or dermal dose) is calculated in milligrams per kilogram of body weight per day. This calculation is based on the ambient concentration in micrograms per cubic meter ($\mu g/m^3$), the breathing rate, and the duration of exposure. The resulting dose is then multiplied by the inhalation cancer potency factor. Cancer risks for all carcinogenic TACs are usually estimated and then added together to determine an individual's total increased risk. This method assumes cancer risk is proportional to exposure at any concentration and that risks from multiple carcinogens are additive. These assumptions are intentionally conservative for low exposures and align with current Office of Environmental Health Hazard Assessment (OEHHA) guidelines. Importantly, exposure to carcinogenic TACs does not mean a person will develop cancer; rather, it represents a probability that may be influenced by additional factors such as genetics, other environmental exposures, immune function, and overall health.

Non-Cancer Risk

Non-cancer health effects are generally categorized as either chronic or acute. When evaluating the potential risks of non-cancerous air toxics, it is assumed that there is a threshold dose below which no adverse health effects occur. The air concentration that corresponds to this threshold is known as the Reference Exposure Level (REL). Non-cancer risks are expressed as a hazard quotient, calculated by dividing a contaminant's estimated exposure by its REL. Hazard quotients of individual TACs are then summed for each target organ system to obtain a hazard index. No acute REL values are established for DPM.

2.3 Battery Technology

Lithium-ion batteries were introduced commercially by Sony in 1991 for use primarily in consumer products. Since then, they have become the most widely used battery technology for grid-scale energy storage. Lithium-ion batteries have the versatility to handle smaller-scale applications, such as powering electric vehicles, as well as grid-scale applications requiring megawatts of power for hours at a time.

The name lithium-ion battery is derived from the transfer of lithium ions between the electrodes during operation. Instead of metallic lithium (a reactive substance), lithium-ion batteries use safer lithiated metal oxides as the cathode and carbon as the anode. When a lithium-ion battery cell is charging, lithium ions migrate from the cathode through a lithium-salt organic solvent catalyst that facilitates ionic movement (the electrolyte) to the anode. The process happens in reverse when discharging. Cathodes have a more positive electrode potential than anodes (versus the standard lithium reference), thus, they are considered to be the positive terminal of the battery. Similarly, anodes have a more negative electrode potential than cathodes (versus the standard lithium reference), thus, they are considered to be the negative terminal of a battery. The anode and cathode are divided by a separator, often microperforated plastic which is soaked in the electrolyte. The separator allows ions to pass through while maintaining electrical isolation between the electrodes. The entire battery is protected by a sealed metallic casing.

The most common lithium-ion batteries in BESS facilities are either lithium nickel manganese cobalt (NMC) or lithium iron phosphate (LFP), which have been widely studied and used. Of particular importance to hazardous consequence analysis, the higher the thermal runaway temperature, the less likely thermal runaway is to occur. For these two battery types, LFP batteries have a higher thermal runaway onset temperature of 195°C (383°F) and lower thermal runaway heat increase of up to 210°C (410°F), whereas NMC batteries have a lower thermal runaway onset threshold of 170°C (338°F), are more flammable, and burn hotter at up to 500°C (932°F). Notably, it is anticipated that the proposed project would use LFP batteries for the BESS facility.

2.4 Sensitive Receptors

Some populations are more vulnerable to air pollution, including children, the elderly, and those with cardio-respiratory conditions. These "sensitive receptors" are of particular concern when located near sources of pollutants like particulate matter, air toxics, and carbon monoxide. According to the *Monterey Bay Air Resources District CEQA Air Quality Guidelines*, sensitive receptors include residences, education resources, daycare centers, and health care facilities.[1] The nearest sensitive receptors to the project site are rural residential homes located to the north and east, the closest of which would be approximately 285 feet north of the project boundary.[2] More dense residential communities are located to the east of the Green Valley Substation. All these receptors were accounted for in the health risk assessment. In addition, although employees would only present on-site for a few hours per day, the Transportation Office of Pajaro Valley Unified School District located approximately 1,220 feet to the southeast of the closest BESS cabinet was analyzed in the hazard consequence analysis, as the release of pollutants into the atmosphere due to malfunction of the battery cells would occur within a relatively short and concentrated period of time (i.e., one hour or less).

3 Regulatory Setting

International, national, State, and regional regulations and guidelines pertaining to public health are discussed below.

3.1 International

Underwriters Laboratories

Underwriters Laboratories (UL) is a global safety science company that develops and provides safety, security, and sustainability services, including testing, certification, and auditing, for products and systems. UL9540A (Test Method for Evaluating Thermal Runaway Fire Propagation in Battery Energy Storage Systems) evaluates the fire characteristics of battery cells, modules, and installations that are purposefully induced into thermal runaway. The data generated can be used to determine the fire and explosion protection required for the installation of a BESS. UL1973 (Standard for Batteries for Use in Stationary, Vehicle Auxiliary Power and Light Electric Rail Applications) evaluates the battery system's ability to safely withstand simulated abuse conditions. This standard evaluates the system based upon the manufacturer's specified charge and discharge parameters, and requires that a BESS is not allowed to be an explosion hazard when exposed to an external fire source and that a single cell failure will not result in

[1] Monterey Bay Air Resources District (MBARD). *CEQA Air Quality Guidelines*. Last revised February 2008. https://www.mbard.org/ceqa. Accessed November 2025.

[2] There is also an on-site residence on the western edge of the project site that will be vacated and no longer used for residential purposes. The residence will remain vacant for the duration of the operational period of the project.

a cascading thermal runaway of cells. UL1741 (Inverters, Controllers, Converters, and Interconnection Equipment Standards) covers inverters, converters, charge controllers, and interconnection system equipment (ISE) intended for use in stand-alone (not grid-connected) or interactive (grid-connected) power systems. Interactive inverters, converters, and ISE are intended to be operated in parallel with an electric power system (EPS) to supply power to common loads. UL9540 (Energy Storage Systems and Equipment) requires compliance with key UL sub-standards as well as standards from other recognized parties to certify safety of an integrated energy storage system.

3.2 National

Clean Air Act

The USEPA is responsible for administering the nation's air quality programs, drawing its authority primarily from the Federal Clean Air Act. Originally enacted by Congress in 1963, this law has been amended several times to address evolving air quality concerns. Major amendments in 1970 established the foundation for modern air quality regulation and authorized the USEPA to set National Ambient Air Quality Standards (NAAQS). Subsequent amendments in 1977 introduced non-attainment requirements for areas failing to meet NAAQS and created the Prevention of Significant Deterioration program. The 1990 amendments were the latest major effort to update federal regulation, addressing issues such as acid rain and air toxics. Importantly, while establishing a federal floor for air quality, the Clean Air Act also permits states to adopt more stringent standards or regulate additional pollutants.

International Fire Code

The International Fire Code (IFC) establishes the minimum requirements consistent with nationally recognized good practice for providing a reasonable level of life safety and property protection from the hazards of fire, explosion or dangerous conditions in new and existing buildings, structures and premises, and to provide safety to firefighters and emergency responders during emergency operations. Although it is called the “International Fire Code”, these standards are only adopted in the U.S., where they were established. IFC specifies minimum size requiring permits (Lithium, all types, 20 kWh), specifies maximum limits on sizing for battery systems (Lithium, all types, 50 kWh each array), seismic and structural design, spacing (minimum 3 feet separation of arrays), vehicle impact protection, testing, maintenance and repairs, maximum quantities within a building (Lithium of 600 kWh), battery management system (BMS) monitoring, shutdown and notification requirements, automatic smoke detector requirements, automatic fire sprinkler systems, and ventilation specifications.

Institute of Electrical and Electronics Engineers

The Institute of Electrical and Electronics Engineers (IEEE) is a global professional organization that advances technology for humanity’s benefit. IEEE C2 code covers basic provisions for safeguarding of persons from hazards arising from the installation, operation, or maintenance of conductors and equipment in electric supply stations, and overhead and underground electric supply and communication lines. It also includes work rules for the construction, maintenance, and operation of electric supply and communication lines and equipment. The code is applicable to the systems and equipment operated by utilities, or similar systems and equipment, of an industrial establishment or complex under the control of qualified persons.

National Fire Protection Association

National Fire Protection Association (NFPA) is an international nonprofit organization devoted to eliminating death, injury, property and economic loss due to fire, electrical and related hazards. NFPA 70 (National Electrical Code) addresses electrical design, installation, and inspection. NFPA 550 (Guide to Fire Safety Concepts Tree for Protecting Energy Systems) addresses issues such as utilizing BMS and compatible equipment, ventilation as needed, fire resistive separation, array spacing, and signage. NFPA 855 (Standard for the Installation of Stationary Energy Storage Systems) offers comprehensive criteria for the fire protection of BESS installations based on the technology used in BESS, the setting where the technology is being installed, the size and separation of BESS installations, and the fire suppression and control systems in place. Additional considerations include ventilation, detection, signage, listings, and emergency operations responding to BESS emergencies.

3.2 State

Office of Environmental Health Hazard Assessment

OEHHA's most recent guidance is the *Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments* (2015 Risk Assessment Guidelines Manual).[3] The Children's Environmental Health Protection Act of 1999 (Senate Bill 25), which requires explicit consideration of infants and children in assessing risks from air toxics, requires revisions of the methods for both non-cancer and cancer risk assessment and of the exposure assumptions in the 2003 Risk Assessment Guidelines Manual. In response to Senate Bill 25, OEHHA released three technical support documents addressing RELs, cancer potency, and exposure assessment and stochastic analysis and adopted the 2015 Risk Assessment Guidelines Manual.[4] The technical support document for RELs and continuing work to re-evaluate TACs to ensure adequate protection for infants and children has led to revisions of RELs for approximately 10 chemicals and chemical families. The basic methodology for evaluating acute and chronic health effects using the RELs otherwise remained the same as in the previous guidance manual. Moreover, RELs are designed to protect the most sensitive individuals in the population, including infants and children, by selecting appropriate toxicological data and including margins of safety. Accordingly, the evaluation methods are assumed to protect children and other sensitive subpopulations (groups of more highly susceptible individuals) from adverse health effects in the event of exposure.

The cancer risk methodology described in the exposure assessment and stochastic analysis technical support document and the 2015 Risk Assessment Guidelines Manual accounts for the higher sensitivity of infants and children by applying age-specific daily breathing rates (DBRs) and age-sensitivity factors (ASFs). According to the technical support document, "accounting for effects of early-in life exposure requires accounting for both the increased potency of early in life exposure to carcinogens and the greater exposure on a per kilogram body weight that occurs early in life due to behavioral and physiological differences between infants and children, and adults". In the absence of chemical-specific data, OEHHA recommends a default ASF of 10 for the third trimester to age 2 years and an ASF of 3 for ages 2 through 15 years to account for potential increased sensitivity to carcinogens during childhood. The ASF for adults is 1. In addition to the ASFs, children have higher DBRs per unit of body weight than adults. The 2015 Risk Assessment Guidelines Manual considers the age-specific breathing rates in the cancer risk calculations.

[3] Office of Environmental Health Hazard Assessment. *Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments*. February 2015. https://oehha.ca.gov/sites/default/files/media/downloads/crnr/2015guidancemanual.pdf. Accessed November 2025.
[4] Office of Environmental Health Hazard Assessment. *Air Toxics Hot Spots*. https://oehha.ca.gov/air/air-toxics-hot-spots. Accessed November 2025.

In addition, OEHHA and CARB evaluated information from activity patterns databases to estimate the fraction of time at home (FAH) during the day. From the third trimester to age <2 years, 85 percent of time is spent at home. From age 2 through <16 years, 72 percent of time is spent at home. From age 16 years and greater, 73 percent of time is spent at home. However, for facilities with any school within the 1 in a million or greater isopleth, the OEHHA recommends using an FAH of 100 percent for children under 16 years old.

California Air Resources Board

In April 2005, CARB released its *Air Quality and Land Use Handbook*.[5] This guidance document encourages local land-use agencies to consider air pollution risks from nearby sources—such as major roads, commercial centers, and industrial facilities—when approving the siting of sensitive land uses like residences. The handbook provides advisory recommendations, including setback distances. However, unlike regulations for stationary sources, these are non-binding guidelines and do not require air quality permits or approval from air districts for new sensitive land uses.

In 2000, CARB adopted a comprehensive Diesel Risk Reduction Plan aimed at cutting emissions from both new and existing diesel-powered vehicles and engines.[6] The plan is expected to reduce the statewide diesel health risk by about 80 percent in 2020 compared with 2000 levels. Additional rules apply to new trucks and diesel fuel, including the On-Road Heavy-Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy-Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition Engines and Equipment program. These regulations establish schedules for manufacturer compliance and for operators to upgrade their diesel equipment. Several Airborne Toxic Control Measures also help reduce diesel emissions, such as those for In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

California Fire Code

California Fire Code (CFC) is promulgated in the California Code of Regulations Title 24, Part 9, and contains regulations consistent with nationally recognized and accepted practices for safeguarding life and property from the hazards of fire and explosion, dangerous conditions arising from the storage, handling, and use of hazardous materials and devices, and hazardous conditions in the use or occupancy of buildings or premise. The CFC also contains provisions to assist emergency response personnel. The CFC is a fully integrated code based on the IFC. CFC Chapter 12 (Energy Systems) was added to the CFC to address standby and emergency power, portable generators, photovoltaic systems, fuel cell energy systems, and energy storage systems. From CFC Chapter 12, a BESS must meet the provisions and requirements of Sections 1201 (General) and 1207 (Electrical Energy Storage Systems).

3.3 Regional

Monterey Bay Air Resources District (MBARD)

The project falls under the jurisdiction of the MBARD, which regulates air pollutant emissions throughout the Monterey Bay area of the North Central Coast Air Basin (Basin). The MBARD has established thresholds

[5] California Air Resources Board. *Air Quality and Land Use Handbook*. April 2005. https://files.ceqanet.lci.ca.gov/221458-6/attachment/UNr-g159CW-r0G4DR8q6daNdAKT3RJTd8gGQCfz4wqFfl-eNdZNQEqjf8tfls1x6Gsae7YqpXwtFIZBd0. Accessed November 2025.

[6] California Air Resources Board. *Diesel Risk Reduction Plan*. September 2000. https://ww2.arb.ca.gov/our-work/programs/diesel-risk-reduction-plan. Accessed November 2025.

of significance for TAC emissions from construction and operations in the *CEQA Air Quality Guidelines*. To limit air pollutants from construction and operation, projects must adhere to several MBARD rules. These include:

- Rule 400 (Visible Emissions): Provides limits for the visible emissions from sources within MBARD.
- Rule 402 (Nuisances): Prohibits the discharge of contaminants that cause a public nuisance or endanger public health and safety.
- Rule 403 (Particulate Matter): Provides particulate matter emission limits for sources operating within the MBARD.
- Rule 426 (Architectural Coating): Limits the emissions of VOC from the use of architectural coatings.

4 Thresholds of Significance

4.1 CEQA Thresholds of Significance

Section VIII of Appendix G to the CEQA Guidelines addresses typical adverse effects relative to air quality and includes the following threshold question to evaluate the project's impacts related to public health. Would the project:

- Expose sensitive receptors to substantial pollutant concentrations?

4.2 Monterey Bay Air Resources District Thresholds of Significance

MBARD has established thresholds of significance for TACs during project construction and operations.[7] The following thresholds are used to evaluate human health impacts in accordance with MBARD Rules 1000 and 1003. A project would have a significant impact if:

- The hazard index is greater than 1 for acute or chronic impacts.
- The cancer risk is greater than 10 in one million.

4.3 Thermal Runaway Thresholds of Significance

Battery cell malfunctions, such as thermal runaway events, can result in the release of toxic emissions and/or flammable gas mixtures to the atmosphere. Generally, the battery cell will start to off gas through pressure relief vents (or pouch seams) if the temperature exceeds 120°C; however, the battery will not enter thermal runaway until it exceeds the thermal runaway onset temperature, which is usually between 170°C and 220°C, depending on the cathode chemistry. The emission composition of a potential battery composition was based on information provided by the Project Applicant as well as literature review.

Reference Exposure Levels (RELs) are defined as the airborne concentration of a substance at or below which it is predicted that no adverse health effects are expected in the general population, including sensitive individuals, when exposed over a specified duration. RELs are developed by the California Office

[7] Monterey Bay Air Resources District (MBARD). *Guidelines for Implementing the California Environmental Quality Act*. Adopted April 1996, revised February 2016. https://www.mbard.org/ceqa. Accessed November 2025.

of Environmental Health Hazard Assessment (OEHHA) and typically represent chronic or occupational exposure limits. Exposures above the REL may increase the risk of non-lethal health effects, ranging from mild sensory irritation to more serious but reversible health impacts, depending on the magnitude and duration of exposure. The Acute Exposure Guideline Levels (AEGL) values are defined as the airborne concentration of a substance above which it is predicted that the general population, including susceptible individuals, could experience notable discomfort, irritation, or certain asymptomatic non-sensory effects, without the effects of disabling and are transient and reversible upon cessation of exposure (AEGL-1), experience irreversible or other serious, long-lasting adverse health effects or an impaired ability to escape (AEGL-2), or experience life-threatening health effects or death (AEGL-3).

Table 1, *Chemical Constituents REL and AEGL Values* showcases the REL and/or AEGL for the pollutants that may be emitted during a thermal runaway scenario. For this assessment, AEGL-1 was selected because it represents the lowest of the three AEGL thresholds, providing the most conservative basis for evaluating potential health effects. If the 1-hour REL and/or AEGL values shown in **Table 1** are exceeded at sensitive receptors, there would be a potentially significant impact during a thermal runaway scenario.

Table 1: Chemical Constituents REL and AEGL Values

Pollutant	REL (µg/m^3)	AEGL-1 (µg/m^3)
Hydrogen Chloride	2100	2684
Hydrogen Fluoride	240	818
Hydrogen Cyanide	340	2210
Hydrogen Bromide	-	3309
Methane	-	-
Acetylene	-	-
Ethylene	-	-
Ethane	-	-
Propadiene	-	-
Propene (Propylene)	-	-
Propane	-	9920
Butane (C4)	-	13074
Pentane (C5)	-	-
Hexane (C6)	-	10222
Heptene (C7)	-	-
Ammonia	3200	20,859
Carbon Dioxide	-	-
Hydrogen	-	-
Formaldehyde	55	1105
Benzene	27	170000
Toluene	5000	250000
Dimethyl Carbonate	-	-
Nitrogen Dioxide	470	941
Carbon Monoxide	2300	-
Sulfur Dioxide	660	524

Source: California Office of Environmental Health Hazard Assessment. *OEHNA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*. https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary. Accessed January 2026.

U.S. Environmental Protection Agency. *Compiled AEGL Values*. July 27, 2018. https://www.epa.gov/sites/default/files/2018-08/documents/compiled_aegls_update_27jul2018.pdf. Accessed January 2026.

Notes: REL = Reference Exposure Levels; AEGL = Acute Exposure Guideline Levels

A hazard quotient (HQ) is calculated by comparing the estimated exposure for a single substance to its corresponding health-based reference value. To calculate the HQ, the projected exposure level is divided by the applicable REL. A HQ less than 1.0 indicates that exposure is below the level at which adverse noncancer health effects are expected, while an HQ equal to or greater than 1.0 suggests that the exposure may exceed the health-based threshold and could warrant further evaluation.

In addition to the HQ, a hazard index (HI) is a metric used to evaluate the potential for noncancer health effects resulting from exposure to one or more chemical substances. It is calculated by summing individual HQs based on the organ(s) that are impacted from exposure to substances. Similar to the HQ, a combined HI less than 1.0 indicates that exposure is below the level at which adverse noncancer health effects are expected, while an HI equal to or greater than 1.0 suggests that the exposure may exceed the health-based threshold and could warrant further evaluation.

5 Project Impacts

This section discusses potential impacts associated with the development of the project and provides mitigation measures where appropriate.

5.1 Construction Health Risk Impacts

Construction Emissions

Construction associated with the project would generate short-term construction-related emissions of exhaust PM_{10}, which is a major source of TAC. Emissions were estimated using California Emissions Estimator Model (CalEEMod) Version 2022.1. The project would be constructed over approximately 24 months, including site preparation, substation site preparation, grading, substation site grading, battery and container installation, substation installation, gen-tie foundation and tower erection, gen-tie stringing and pulling, commissioning, and decommissioning. It should be noted that at the time of the preparation of the modeling, construction activities were assumed to start in June 2025. Although it is outdated, it represents the worst-case scenario for criteria air pollutant emissions because equipment and vehicle emission factors for later years would be slightly less due to more stringent standards for in-use off-road equipment and heavy-duty trucks, as well as fleet turnover replacing older equipment and vehicles in later years. The project was assumed to be operational for 30 years and then be decommissioned and removed at the end of its lifetime. Because CalEEMod only has emission factors out to 2050, 2050 was used as the surrogate year for decommissioning, which is projected for 2057. The majority of the construction phases would occur concurrently and would not occur sequentially in isolation. Construction duration, equipment list, and vehicle trips were provided by the Project Applicant based on past experiences constructing similar projects of similar scale; refer to **Attachment A** for detailed construction schedule, equipment list, and vehicle trips. According to the Project Applicant, it is anticipated that soils would be balanced on-site and therefore no hauling truck trips would be generated. For this analysis, it was assumed all vehicles would travel 0.25-miles per trip to account for localized DPM only. In addition, during commissioning, two 4,828 horsepower (hp) generators were assumed to each operate for two hours per day, which were estimated in a spreadsheet model.

Table 2, *Construction Diesel Particulate Matter Emissions* presents the project's DPM emissions during construction. It should be noted that the project would implement project design features PDF-AQ-1 and

PDF-AQ-2, which requires using CARB-certified Tier 4 Final engines for diesel generators during commissioning phase of construction, watering site twice per day, and limiting vehicle speeds to 25 mph on unpaved roads. These project design features would reduce DPM emissions and have been reflected in **Table 2**. PDF-AQ-1 and PDF-AQ-2 would be required as County-imposed Conditions of Approval to ensure they are implemented during construction of the project.

Table 1: Construction Diesel Particulate Matter Emissions

Source/Construction Phase	Diesel Particulate Matter Emissions[1]	
	pounds/year	pounds/hour
On-Site Equipment and Trucks for Construction	76.75	0.037
Gen-Tie Equipment and Trucks	48.79	0.023
Diesel Generators for Commissioning	180.21	0.087
Equipment and Trucks for Decommissioning	76.13	0.037

Source: Refer to modeling details included in **Attachment A**.
Notes: 1. Modeling incorporated project design features PDF-AQ-1 (using CARB-certified Tier 4 Final engines for diesel generators during commissioning phase of construction) and PDF-AQ-2 (watering site twice per day and limiting vehicle speeds to 25 mph on unpaved roads). Emissions from diesel generators were estimated in a spreadsheet model.

Dispersion Modeling

An air dispersion modeling was conducted of DPM emitted from diesel vehicles and construction equipment on the project site to assess the health risk impacts of the construction on proximate existing off-site sensitive receptors. The dispersion modeling was performed using the American Meteorological Society/EPA Regulatory Model (AERMOD) Version 23132, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 12.0.0. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain. The maximum concentrations were determined for the 1-hour and period averaging periods.

The latest 5-year meteorological data for the Watsonville Municipal Airport Station were obtained from CARB and used in the analysis as the most representative data set, based on surrounding terrain and proximity to the project.[8] Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate, and elevations were assigned to the emission sources and receptors. Digital elevation data were obtained through AERMOD View in the U.S. Geological Survey's National Elevation Dataset format with an approximately 1 arc-second resolution. Based on the land use procedure from the OEHHA *2015 Risk Assessment Guidelines Manual*, the rural dispersion was selected for the project site.

Off-road equipment and trucks were modeled as a line of adjacent volume sources across the project site and gen-tie alignment with a release height of 5 meters, a plume height of 10 meters, and plume width of 10 meters.[9] The diesel generators were modeled as a point source with a capped vertical stack height

[8] California Air Resources Board. *HARP AERMOD Meteorological Files*. https://ww2.arb.ca.gov/resources/documents/harp-aermod-meteorological-files. Accessed November 2025.
[9] South Coast Air Quality Management District. *Final Localized Significance Threshold Methodology*. Revised July 2008. http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf?sfvrsn=2.docs/. Accessed November 2025.

of 3.4 meters, inside stack diameter of 0.3 meters, gas exhaust temperature of 744.3 Kelvin, and gas exhaust velocity of 280.2 cubic meters per minute.[10] Emissions were assumed to occur 8 hours per day, 5 days per week.

To evaluate off-site receptor exposure to DPM from project construction, a nested receptor grid was input with 50-meter spacing at bounding box around construction and 100-meter spacing from 0 to 500 meters from construction boundary.

Health Risk Modeling

Dispersion model plotfiles from AERMOD were then imported into CARB's Hot Spots Analysis and Reporting Program Air Dispersion Modeling and Risk Tool (HARP2) to determine health risk from exposure to TAC emissions based on the OEHHA *2015 Risk Assessment Guidelines Manual*. The mandatory minimum pathways were selected in HARP2, which includes inhalation and additional pathways; however, inhalation is the only applicable pathway for DPM. Exposure was assumed to start during the 3rd trimester of pregnancy for residential uses, per OEHHA *2015 Risk Assessment Guidelines Manual*. The project's potential cancer and noncancer health impacts at the maximally exposed individual resident (MEIR) from the construction sources and phases were summed based on the following exposure parameters:

- On-Site Equipment and Trucks for Construction: exposure was assumed to begin in the 3rd trimester of pregnancy (assumed to be the worst-case scenario for cancer risk) for a duration of 2 years.
- Gen-Tie Equipment and Trucks: exposure was assumed to begin at year 0.75 for a duration of 0.26 years.
- Diesel Generators for Commissioning: exposure was assumed to begin at year 1.5 for a duration of 0.5 years.
- Equipment and Trucks for Decommissioning: exposure was assumed to begin at year 30 for a duration of 0.59 years.

The following equations were used in HARP2 to calculate the cancer risk using the model output data and estimated TAC emissions:

$$\text{Cancer risk} = DOSE * CPF * ASF * ED/AT * FAH,$$
$$DOSE = (C_{air} * DBR * A * EF * 10^{-6}),$$
$$C_{air} = ER * X/Q,$$

Where:

DOSE = daily inhalation dose (mg/kg-day),
CPF = cancer potency factor $(\text{mg/kg-day})^{-1}$,
ASF = age sensitivity factor for a specified age group (unitless),
ED = exposure duration (in years) for a specified age group,
AT = averaging time for lifetime cancer risk (years),
FAH = Fraction of time spent at home (unitless),
C_{air} = average air concentration of TAC from the air dispersion model ($\mu g/m^3$),
DBR = daily breathing rate (L/kg body weight-day),

[10] Santa Barbara County Air Pollution Control District. *Modeling Guidelines for Health Risk Assessments*. *Form-15i.* December 2023. https://www.ourair.org/wp-content/uploads/apcd-15i.pdf. Accessed November 2025.

EF = exposure frequency (unitless), days/365 days,
A = inhalation absorption factor (unitless),
10^{-6} = micrograms to milligrams conversion, liters to cubic meters conversion,
ER = emission rates (grams/second),
X/Q = model output data ($\mu g/m^3$)/(grams/second).

The chronic hazard quotients were calculated for TACs using the following equations as assumed in HARP2:

$$HQ_C = (C_{air} / REL),$$

Where:

HQ_C = chronic hazard quotient,
C_{air} = annual average concentration ($\mu g/m^3$),
REL = chronic reference exposure level ($\mu g/m^3$).

Modeling Results

TACs that would potentially be emitted during construction activities would be DPM emitted from heavy-duty construction equipment and trucks. It should be noted that no short-term, acute RELs are established and regulated for DPM, and are therefore not addressed in this assessment. **Table 3**, *Construction Health Risk Assessment Results* summarizes the cancer risk and chronic hazard index at MEIR during project construction and comparison with MBARD thresholds. The MEIR would be at the nearest existing residence to the north of the project site.

Table 2: Construction Health Risk Assessment Results

Impact	Unit	Project Impact	MBARD Threshold	Exceed Threshold?
Cancer Risk	Per Million	9.21	10	No
Chronic Hazard Index	Not Applicable	0.011	1	No

Source: Refer to modeling details included in **Attachment A**.

As shown in **Table 3**, project construction would result in a potential incremental increase in cancer risk and chronic hazard index below the respective MBARD thresholds at the MEIR. Further, all other receptors in the area would be exposed to potential health risk less than these levels.

The results reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by the OEHHA and the MBARD tend to overpredict impacts, such that these analyses produce conservative results. Accordingly, the health impacts are not expected to be higher than those estimated in this assessment, and the impacts would be less than significant.

Conditions of Approval

During construction, the project would implement the following project design features intended to reduce emissions of criteria air pollutants and TACs.

- **PDF-AQ-1**: Prior to the commencement of construction, the Project Applicant or its designee shall demonstrate in the construction contract the requirement of using California Air Resources Board (CARB)-certified Tier 4 Final engines for any diesel generators to be used during the commissioning phase of construction. In addition, any diesel generators during construction shall be located a minimum of 500 feet from off-site residences.

- **PDF-AQ-2**: Prior to the commencement of construction, the Project Applicant or its designee shall demonstrate in the construction contract the requirement of implementing standard construction practices that would be employed to reduce fugitive dust emissions, including watering of the active sites two times per day, depending on weather conditions, as well as limiting vehicle speeds on unpaved roads to 25 miles per hour.

Mitigation Measures: None.

5.2 Operational Thermal Runaway Impacts

AERMOD Methodology

Based on the requirements in California Fire Code and National Fire Protection Association, the risk of fire, explosion, and toxic release is minimized by the installation of energy management systems, fire detection and protection systems, explosion control systems, and ventilation. Further protection of the surrounding properties can be provided through proper pre-planning and coordination with local emergency agencies. Pre-planning for BESS facilities is accomplished through the preparation of an Emergency Response and Emergency Action Plan (ERP), which is required by California Public Utilities Code Section 761.3. ERPs consider responses to potential offsite impacts, including poor air quality, and include procedures that provide for the safety of surrounding properties.

During normal operations, there would be no TAC emissions from the project. However, to determine the worst-case public health impacts, it is assumed that these multiple safety and ventilation systems fail and do not control the battery cell malfunction. It is also assumed that the battery cell malfunction continues until the reaction is sufficiently abated (e.g., via suppression or water cooling) or ceases once stored energy has been expended.

Similar to the construction methodology, air dispersion modeling was conducted of the gases emitted from a hypothetical thermal runaway event and subsequent ignition. The dispersion modeling was performed with Lakes Environmental Software implementation/user interface, AERMOD View, Version 13.0.0. A thermal runaway event would result in the combustion of the proposed battery containers, but such events are short-term in nature. To capture a worst-case scenario, it is assumed that the release of pollutants into the atmosphere would occur within a relatively short and concentrated period of time (i.e., one hour or less). The actual rate of release would be dependent on energy stored within the system and how the local fire department chooses to address the fire (e.g., a passive management approach vs. the application of water). Thus, the maximum concentrations were determined for the 1-hour averaging period.

As mentioned above, as part of UL testing compliance, battery systems must be designed to limit thermal propagation. The proposed project's potential thermal propagation was based on information contained in the *CATL EnerC+ Large Scale Burn Test – Document No.: 10520137-HOU-R-01*. During the controlled

burn of a representative BESS, three adjacent BESS were placed near the target BESS undergoing the controlled thermal runaway event (distance ranging from 0.2 meters to three meters away). The recommended installation distance is 3.5 meters. After the thermal runaway event, the three surrounding BESS were tested and no abnormalities were observed in the electrical room, no voltage variations were observed in the battery racks, and no cells vented gas or underwent thermal runaway. Therefore, it is highly unlikely that surrounding modules or units from an adjacent BESS would become involved in a separate thermal runaway event. Accordingly, the following evaluation would assume the scenario in which one battery container undergoes thermal runaway. A single battery container would house five racks. Each rack would contain eight modules, and each module would consist of 104 battery cells, resulting in a total of 4,160 cells in one battery container.

A thermal runaway event was modeled as a buoyant line source in AERMOD. To utilize the buoyant line source in AERMOD, a buoyancy parameter would be calculated from the acceleration of gravity, length of the source, width of the source, flow rate, gas exit temperature, and ambient air temperature. The buoyancy parameter formula is as follows:

$$\text{Buoyancy Parameter} = (g * l * w * v_s (T_s - T_a))/T_s)$$

Where:

- g = acceleration of gravity (9.81 m/s^2)
- l = length of the line source (m)
- w = width of the line source (m)
- v_s = gas flow rate or exit velocity (m/s)
- T_s = gas exit temperature (K)
- $T_{a_}$ = ambient air temperature (K)

During a thermal runaway event, gases would be released from the BESS through pressure relief vents along the top length of the battery container. As such, the linear release of gases was modeled as a buoyant line source of approximately 6.058 meters in length (length of one container of the proposed BESS). Additionally, due to the small size of the vents, the following would conservatively assume that the source width would be one meter wide. The exit velocity was assumed to be one meter per second to conservatively limit the amount of plume rise. During the controlled burn of the representative battery, the adjacent BESS reported that the maximum temperature recorded was approximately 781.5 ^oC or 1054.65 Kelvin. Ambient air temperature was assumed to be 25^oC or 298.15 Kelvin. Thus, the average buoyancy parameter was calculated to be approximately 42.628 m^4/s^3. Detailed buoyancy parameter calculations are provided in **Attachment A**.

All meteorological, terrain, and land use designations were identical to the selections for the air dispersion modeling conducted for construction, as discussed above. To evaluate off-site receptor exposure to gases emitted from a hypothetical thermal runaway event, a nested receptor grid was input with 50-meter spacing at bounding box around the property line of the project site and 100-meter spacing from 0 to 500 meters from property line. Since the hypothetical thermal runaway event can occur at any of the battery containers on the project site, multiple model runs were conducted to determine the container that would result in the highest concentration at the closest sensitive receptors. The following evaluation assume thermal runaway event occurring at the container that would result in the highest concentration at existing sensitive receptors. The nearest sensitive receptors to the project site are rural residential homes

located to the north and east, the closest of which would be approximately 285 feet north of the project boundary.

Emission Composition Assumptions

The project Applicant provided information on primary pollutants from a battery combustion malfunction based on a Contemporary Amperex Technology Co., Ltd unit (as a surrogate for the battery chemistry used at the project). The measured volumetric percentages for each pollutant were converted to a mass emission rate. Detailed emissions calculations are provided in **Attachment A**. The compounds were determined by proprietary testing performed by Contemporary Amperex Technology Co., Ltd as part of the UL9540A testing protocol.

In addition to the compounds identified by Contemporary Amperex Technology Co., Ltd, a variety of other pollutants would be emitted during a potential thermal runaway event. For these pollutants, the following evaluation would rely on available emissions data (e.g., hydrogen chloride, hydrogen cyanide, etc.) and corresponding emission factors provided in Data Request Response #4 for the Corby Battery Energy Storage System Project (24-OPT-05), prepared by Tetra Tech in October 2025.

The following discussion addresses other tests and additional pollutants identified in the literature review that are relevant to the proposed project.

Large Scale Burn Test

A large scale burn test (LSBT) was conducted on a BESS where the entire unit was forced into a thermal runaway.[11] Ambient conditions during the LSBT included wind speeds ranging from 0 and 2.7 meters per second, varying wind directions (blowing south, west, and then east throughout the duration of the LSBT), ambient temperatures ranging from 13 to 25 degrees Celsius, and humidity varying from 45 to 87 percent. During the LSBT, continuous gas sampling was conducted to determine benzene, formaldehyde, toluene, sulfur dioxide, and nitrogen dioxide emissions. Gas concentrations from the LSBT were averaged based on 10-meter and 20-meter distances from the BESS undergoing thermal runaway. Gas concentrations measured during the LSBT that were not included in the total volumetric results from the UL9540A testing for Contemporary Amperex Technology Co., Ltd. (specifically formaldehyde, sulfur dioxide, and nitrogen dioxide) were incorporated into the following analysis to address gaps in the available pollutant data.

Hydrogen Fluoride

Hydrogen fluoride originates from fluorine-based materials, not stored energy.[12] Cell-level results do not scale proportionally with nominal energy capacity but instead, hydrogen fluoride gases scale with electrolyte mass, electrode surface area, and total materials mass. Experimental studies of battery fires and industrial hydrogen fluoride releases show that only a small percentage of hydrogen fluorides generated from these sources remain airborne. Additionally, depending on the cell type (pouch versus cylindrical cells), a 0.75 reduction factor was standard in hydrogen fluoride emissions was observed due to differing mechanical confinement, vents, and partial retention or internal recombination of fluorinated species.

[11] Sungrow, *Sungrow Battery Energy Storage System (BESS) PowerTitan 2.0 – Large Scale Burn Test Report*, April 22, 2025.
[12] Larson et al., *Toxic Fluoride Gas Emissions from Lithium-ion Battery Fires*, https://www.nature.com/articles/s41598-017-09784-z, August 30, 2017.

Acrolein

Acrolein was detected during full-scale fire testing on a battery pack and electric vehicle; however, no exact measurements were recorded.[13] Additionally, battery packs and electric vehicles have differing physical characteristics which would affect the quantity of acrolein released compared to a BESS. Due to the uncertainty of battery cell type, differing physical characteristics, and lack of reported concentration, data from the experiments are not applicable to a BESS thermal runaway event. Further literature review did not discover any studies that indicate acrolein is emitted during a BESS thermal runaway event. Thus, the following analysis would not evaluate acrolein.

Carbonyl Fluoride

Literature review did not discover any studies that indicate the presence of carbonyl fluoride during a BESS thermal runaway event. The lack of reported carbonyl fluoride in thermal runaway experiments is chemically consistent, since carbonyl fluoride is highly reactive and rapidly hydrolyzes to hydrogen fluoride and carbon dioxide in the presence of moisture.[14] During a thermal runaway event, battery cells are exposed to water vapor, combustion radicals, and hot surfaces which all encourage the hydrolyzation process. Thus, even though carbonyl fluoride is present, it would not be a measurable airborne gas and thus, the following analysis would not evaluate for carbonyl fluoride.

Particulate Matter

Emission rates for particulate matter were identified in a test; however, these emission rates are not representative of a full BESS thermal runaway event since the experiment was conducted on individual lithium iron phosphate batteries and cells.[15] Additionally, testing conditions during this experiment relied on external heat from hot plates rather than internal heat and overcharge typical of a thermal runaway event. Additionally, the experiment was conducted in an open ventilated chamber rather than a confined, restricted airflow environment standard of a BESS. The differing environment influences the amount of particulate matter emitted and thus, the measured particulate matter emission rates would not be applicable for a container BESS thermal runaway scenario.

Phosphoryl Fluoride

During experiments, phosphoryl fluoride was not detected during burn tests.[16] Based on the ratio between hydrogen fluoride and phosphoryl fluoride, estimated phosphoryl fluoride would be below the quantification limits of the utilized measuring equipment. Phosphoryl fluoride was detected in small scale tests using pure electrolyte, however no phosphoryl fluoride was detected in the tests on battery cells. Since no phosphoryl fluoride was detected, the following analysis would not evaluate for phosphoryl fluoride.

[13] Long et al., *Best Practices for Emergency Response to Incidents Involving Electric Vehicles Battery Hazards: A Report on Full-Scale Testing Results*, https://www.energy.gov/sites/prod/files/2014/02/f8/final_report_nfpa.pdf, June 2013.
[14] Bugryniec et al., *Review of gas emissions from lithium-ion battery thermal runaway failure — Considering toxic and flammable compounds,* https://neveragainmosslanding.org/wp-content/uploads/2025/04/Review-of-gas-emissions-from-lithium-ion-battery-thermal-runaway-failure.pdf, 2024.
[15] Claassen et al., *Characterization of Lithium-Ion Battery Fire Emissions—Part 2: Particle Size Distributions and Emission Factors*, https://www.mdpi.com/2313-0105/10/10/366, October 16, 2024.
[16] Andersson et al., *Investigation of Fire Emissions from Li-ion Batteries*, https://www.diva-portal.org/smash/get/diva2:962743/FULLTEXT01.pdf, 2013.

Emission Composition Methodology

UL9540A Testing Protocol Emissions Calculations

Applicant provided information on primary pollutants included the measured volume percentage and total sample volume for each gas. Based on the pollutant molecular weight, molecular weight of air, and air density, the approximate gas density of each pollutant was calculated. Afterwards, the total mass (kilograms and pound) of each pollutant was calculated based on the sample volume and number of cells undergoing thermal runaway (4,160 cells). The total mass was then divided by the reference burn test duration (14.5 hours) and the resulting output was converted into grams per second; refer to **Attachment A**.

Weight Based Calculations

Based on literature review, additional pollutants that were not included in the UL9540A Testing Protocol Emissions were identified. Additional pollutants (i.e., hydrogen chloride, hydrogen cyanide, etc.) were provided by their measured emission weight (milligrams) per each kilogram of BESS undergoing thermal runaway. The total calculated weight of the project's BESS was based on information from the *CATL EnerC+ Large Scale Burn Test* report (5.5 kilograms per cell * 4,160 cells per container = 22,880 kilograms per container). The pollutant's measured weight was converted from milligrams per kilograms (mg/g) into pound per pound (lb/lb) and then multiplied by the total calculated weight of the project's BESS to approximate the total emission of each pollutant. The total emission was then divided by the reference burn test duration (14.5 hours) and the resulting output was converted into grams per second; refer to **Attachment A**.

As discussed above, a small percentage of hydrogen fluoride remains airborne during a thermal runaway event. Additionally, a hydrogen fluoride reduction factor of 0.75 was observed when cylindrical cells are utilized. Since the proposed project utilizes prismatic cells, a hydrogen fluoride reduction factor of 0.5 would be utilized. The measured emission weight hydrogen fluoride and hydrochloric acid were multiplied by the hydrogen fluoride reduction factor of 0.5 prior to the conversion discussed above.

Distance Based Calculations

Reference gas concentrations from the LSBT were averaged based on 10-meter and 20-meter distances from the BESS undergoing thermal runaway. A secondary AERMOD model was created with a uniform polar receptor grid with two rings at 10-meter and 20-meter from the emission source and 10-meter intervals and modified meteorological data (wind speeds from 0 to 2.7 meters per second) to be consistent with the conditions during the LSBT. Additionally, a discrete cartesian receptor was placed at the identified sensitive receptor. The concentration at the identified sensitive receptor was divided by the maximum 1-hour concentration at 10 and 20 meters (downwind from the source) to identify the distance scaler. The distance scaler was then multiplied by the reference gas concentrations to approximate the concentrations at the identified sensitive receptor.

Modeling Results

Since a thermal runaway scenario may occur at any location of the project site, four separate scenarios were modeled, each representing a single BESS unit undergoing thermal runaway at different locations across the site; refer to **Figure 3**, *Locations of BESS Undergoing Thermal Runaway.* As shown in **Figure 3**,

two scenarios were placed near the existing rural residences located approximately 285 feet north of the project while the remaining two scenarios were placed on the northernmost and southernmost portion of the project site. Based on the 1-hour and 8-hour maximum pollutant concentrations predicted by AERMOD for each of the four separate scenarios, BESS 3 undergoing a thermal runaway would result in the highest maximum pollutant concentrations at the nearest sensitive receptor; refer to **Figure 3** for the location of this BESS and **Attachment B**, *Thermal Runaway Scenarios,* for the maximum output of each thermal runaway scenario. As shown in **Attachment B**, BESS 3 would emit the highest concentration at the nearest identified sensitive receptor (based on concentration contours). Accordingly, the following evaluation would utilize the concentration at the identified sensitive receptor from this scenario to determine potential health risk impacts.

Table 4, *AERMOD Maximum Concentration Results*, presents the maximum pollutant concentration predicted by AERMOD from the thermal runaway scenario. The BESS was assumed to emit pollutants at a unit rate of one gram per second. As shown in **Table 4** and **Figure 4**, *Thermal Runaway Scenario 1-Hour Concentration*, the maximum concentration would occur at the residential receptor to the north of the project site and would be approximately 588.32 µg/m^3 over a 1-hour period. Additionally, **Table 4** and **Figure 5**, *Thermal Runaway Scenario 8-Hour Concentration* display that the maximum concentration would occur at the same residential receptor location and be approximately 355.45 µg/m^3 over an 8-hour period.

Table 4: AERMOD Maximum Concentration Results

Averaging Period[1]	Sensitive Receptor Location (UTM East [meters])		Maximum Concentration (µg/m^3)[2]
	X-Axis	Y-Axis	
1-Hour	610788.00	4090061.65	588.32
8-Hour	610788.00	4090061.65	355.45

Source: Refer to modeling details included in **Attachment A**.
Notes: µg/m^3 = micrograms per cubic meter
1. The maximum concentration at either northern sensitive receptor, across all four thermal runaway scenarios, was used as the worst case result.
2. To facilitate pollutant-specific risk evaluation, AERMOD was modeled using a normalized emission rate of one gram per second for all four sources (thermal runaway and ignition scenario of four battery containers).

The emission composition of a potential battery composition was based on information provided by the project Applicant as well as literature review. Based on the composition provided, the projected emission rate of each pollutant was calculated based on project specific information; refer to **Attachment A**. **Table 5**, *Operational Health Risk Assessment Results*, summarizes the projected maximum acute exposure concentration for each pollutant and if it would exceed applicable California REL or EPA AEGL thresholds. The projected concentration for each pollutant is based on the maximum concentration predicted by AERMOD for the thermal runaway scenario as well as the calculated emission rate specific to that pollutant.

Table 5: Operational Health Risk Assessment Results

Pollutant[1]	Modeled Emission Rate (g/s)[2]	Projected Acute 1-Hour Concentration (µg/m³)[3,4]	Applicable REL Threshold[5]	Applicable AEGL Threshold[5]	Acute Hazard Quotient[6]
Hydrogen Chloride	0.000	0.088	2100	-	0.000
Hydrogen Fluoride	0.277	162.936	240	-	0.679
Hydrogen Cyanide	0.075	43.837	340	-	0.129
Hydrogen Bromide	0.161	94.637	-	3309	0.029
Propane	0.074	43.825	-	9920	0.004
Butane	0.164	96.263	-	13074	0.007
Hexane	0.037	21.830	-	10222	0.002
Ammonia	0.009	5.157	3200	-	0.002
Formaldehyde	-	8.662	55	-	0.157
Benzene	0.013	7.610	27	-	0.282
Toluene	0.000	0.000	5000	-	0.000
Carbon Monoxide	2.275	1338.346	23000	-	0.058
Nitrogen Dioxide	-	1.062	470	-	0.002
Sulfur Dioxide	-	2.957	600	-	0.005

Source: Refer to modeling details included in **Attachment A**.

Notes: g/s = grams per second; µg/m³ = micrograms per cubic meter

1. Only pollutants that have applicable REL and/or AEGL thresholds were included.
2. Modeled Emission Rate based on Applicant provided data and literature review.
3. Maximum 1-hour concentration obtained from the AERMOD modeling with sources emitting at 1 g/s and was manually scaled using pollutant-specific emission rates. Specifically, maximum 1-hour concentration was calculated based on the maximum concentration (588.319 ug/m³) from the BESS 3 thermal runaway scenario multiplied by the corresponding pollutant emission rate.
4. Maximum 1-hour concentrations for formaldehyde, nitrogen dioxide, and sulfur dioxide were based on parts per million concentrations at 10 and 20 meters, secondary AERMOD output with filtered meteorological data (0 to 2.7 meters per second wind), and maximum downwind concentrations.
5. Only pollutants that have applicable REL and/or AEGL thresholds were included. Some pollutants have established REL threshold while others do not have an REL threshold but have an AEGL threshold. As a conservative analysis, the lower of the two established thresholds was used in this analysis. Refer to **Table 1**.
6. Acute Hazard Quotient was calculated by the maximum projected 1-hour concentration divided by the applicable REL threshold.

As shown in **Table 5**, pollutants emitted from the thermal runaway scenario would not exceed applicable REL or AEGL-1 thresholds. Additionally, **Table 5** showcases the acute HQ which is calculated by the maximum projected 1-hour concentration divided by the applicable REL threshold. As discussed, a HQ of less than 1.0 would have a less than significant impact. However, when multiple pollutants affect the same target organ or system, their HQs are summed to estimate combined risks for that organ system. **Table 6**, *Hazard Quotient and Index Summary* display the pollutants' HQs for their corresponding organs they affect and the total HI.

Table 6: Hazard Quotient and Index Summary

Pollutant[1]	Acute Respiratory Hazard Quotient	Acute Eye Hazard Quotient	Acute Nervous Hazard Quotient	Acute Development, Immune System, Hematologic System Hazard Quotient
Hydrogen Chloride	0.0000	0.0000	-	-
Hydrogen Fluoride	0.6789	0.6789	-	-
Hydrogen Cyanide	-	-	0.1289	-
Ammonia	0.0016	0.0016	-	-
Formaldehyde	-	0.1575	-	-
Benzene	-	-	-	0.2819
Toluene	0.000	0.000	0.0000	-
Hazard Index[2]	0.6806	0.8380	0.1289	0.2819

Source: Refer to modeling details included in **Attachment A**.
California Office of Environmental Health Hazard Assessment. *OEHNA Acute, 8-hour and Chronic Reference Exposure Level (REL) Summary*. https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary. Accessed January 2026.
Notes: 1. Acute hazard quotient was not calculated for pollutants that do not have an applicable REL.
2. Hazard index is based on the total sum of pollutants' hazard quotient that affect the same organ.

As shown in **Table 6**, the pollutants emitted from the thermal runaway scenario would not result in a HI greater than 1.0 for acute respiratory, eye, nervous system, and immune system exposure. As such, the sensitive receptor that would experience the maximum pollutant concentration (residence to the north) during the thermal runaway scenario would not be exposed to pollutant concentrations exceeding applicable health-based thresholds and thus, would not experience a significant health risk.

Ambient Air Quality Standards

Criteria air pollutants, including nitrogen dioxide (NO_2), carbon monoxide (CO), and sulfur dioxide (SO_2), are regulated under both federal and state ambient air quality standards. For the proposed project, the following evaluation would assess whether maximum short-term concentrations of NO_2, CO, and SO_2 would cause or contribute to an exceedance of the applicable ambient air quality standards at the sensitive receptor with the highest pollutant concentration from the thermal runaway scenario. Short-term exposure to these pollutants is evaluated using 1-hour averaging periods for NO_2, CO, and SO_2, with an additional 8-hour averaging period applicable only to CO. **Table 7**, *Ambient Air Quality Analysis* displays if the thermal runaway scenario would cause or contribute to any exceedance of ambient air quality standards.

Table 7: Ambient Air Quality Analysis

Criteria Pollutant	Averaging Period	Maximum Concentration ($\mu g/m^3$)[1]	Background ($\mu g/m^3$)[2]	Total Sum	California Ambient Air Quality Standards ($\mu g/m^3$)[2]
CO	1-Hour	1,338.3	2,519.0	3,857.3	22,900
	8-Hour	710.9	687.0	1,397.9	10,305
NO_2	1-Hour	1.1	94.1	95.2	339
SO_2	1-Hour	3.0	52.4	53.4	655

Source: Refer to modeling details included in **Attachment A**.

Environmental Protection Agency. *Interactive Map of Air Quality Monitors*. https://www.epa.gov/outdoor-air-quality-data/interactive-map-air-quality-monitors. Accessed January 2026.

California Air Resources Board. *Air Quality and Meteorological Information System*. https://www.arb.ca.gov/aqmis2/aqdselect.php. Accessed January 2026.

Notes: $\mu g/m^3$ = micrograms per cubic meter

1. Refer to **Table 5** for 1-hour maximum concentrations for each criteria pollutant (concentration was rounded to the nearest decimal). The 8-hour maximum concentration for Carbon Monoxide was based on the AERMOD maximum concentration over an 8-hour period. Based on AERMOD, an 8-hour exposure period would have a concentration of 355.45 $\mu g/m^3$ at the nearest sensitive receptor when sources are emitting at 1 g/s. The 8-hour CO maximum concentration was manually scaled using pollutant-specific emission rate.
2. Background concentrations are based on the reported concentrations from the California Air Resources Board's Air Quality and Meteorological Information System for the year 2025 and EPA AirData for the year 2025. The closest monitoring station was used to present the background concentration. As a conservative analysis, the highest reported background concentration would be utilized. CO and NO_2 1-hour data are based on reported data from the CARB Salinas-High School Monitoring Station, and CO 8-hour data was based on reported data from the EPA's Salinas 3 Monitoring Station. The North Central Coast currently does not have a monitoring station that reports background SO_2. Thus, SO_2 1-hour data was based on reported data on the neighboring Santa Clara County monitoring station (San Jose – Jackson Street).
3. California Ambient Air Quality Standards established by the California Air Resource Board. Conversion of ambient air quality standards from parts per million (ppm) to $\mu g/m^3$ were based on the criteria pollutants' molecular weight, assumption of a temperature of 25°C, and an atmospheric pressure of 1.

As shown in **Table 7**, the thermal runaway scenario would not cause or contribute to any exceedance of ambient air quality standards. Thus, a less than significant impact would occur in this regard.

Emergency Response Plan

As discussed above, pollutants emitted from a thermal runaway event would not exceed any applicable health risk thresholds. Nevertheless, to further minimizes the acute exposure of pollutants from a potential thermal runaway scenario, the Applicant will prepare an Emergency Response Plan as a project design feature. The Emergency Response Plan will outline the potential hazards (chemical, electrical, explosion, etc.) and response tactics associated with a thermal runaway scenario. Specifically, the Emergency Response Plan will require active air monitoring of an active thermal runaway scenario to address the safety of nearby residences. In the event that measured gases are monitored to exceed applicable thresholds, evacuation orders would be carried out to remove nearby residents that may be impacted by pollutants. Additionally, the Emergency Response Plan will identify proper water use procedures to minimize the existing thermal runaway event and the potential for fire propagation. Water should not be applied as a straight stream but instead, be angled upwards to have a rain down effect which will provide a cooling effect. The use of water will help reduce the emissions of pollutants from a thermal runaway event since the water will help reduce the fuel below ignition temperatures and will smother

flames to interrupt combustion. With incorporation of the evacuation orders and proper water use procedures as outlined in the Emergency Response Plan, health risks associated with a thermal runaway scenario would be minimized.

Mitigation Measures: None.

5.3 Hazardous Materials Impacts

Hazardous materials may be used and stored at the project site during construction of the proposed project. Use of chemicals at the project site would follow standard practices for storage and management of hazardous materials. The normal use of hazardous materials, therefore, would not pose significant effects on public health. While measures would be in place to prevent releases, accidental releases that migrate off-site could result in potential effects to the public. The hazardous materials stored in significant quantities on-site, the descriptions of their uses, and the full discussion of effects related to hazardous materials are presented in the Hazardous Materials Handling technical report prepared for the project.

5.4 Odors

Potential odor impacts vary in occurrence and severity based on several factors, including the character, frequency, and strength of the odor source; local wind speed and direction; and the sensitivity of nearby receptors. While unpleasant odors rarely cause physical harm, they can be bothersome, create stress for nearby communities, and lead to public complaints.

Potential temporary and intermittent odors may result from construction equipment exhaust. Temporary and intermittent construction-source emissions are controlled through existing requirements and industry Best Management Practices (BMPs), including CCR Title 13 Sections 2449(d)(3) and 2485, which require the project to minimize idling time of construction equipment either by shutting it off when not in use or by reducing the time of idling to no more than five minutes. Therefore, any impacts to existing adjacent land uses would be short-term and are less than significant.

Land uses associated with odor complaints typically include landfills, rendering plants, chemical plants, agricultural uses, wastewater treatment plants, and refineries. The operation of the proposed project does not include any uses typically identified as being associated with odors. The use of off-road equipment for battery swaps may generate odors from exhaust. However, the usage would be approximately one day every two to three years, which is infrequent and would generate minimal levels of odors. Therefore, impacts would be less than significant.

5.5 Electromagnetic Field Exposure

Electromagnetic fields (EMFs) consist of both electric and magnetic components, which occur independently. At the project site, EMFs would be generated by electric charges operating at the 60-hertz frequency typical of transmission lines. Electric fields are present when charges are stationary, while magnetic fields are produced when charges are in motion. The strength of both fields decreases quickly with distance from the source, following an inverse-square relationship.

Because transmission lines generally do not pass through residential areas, and based on findings from the National Institute of Environmental Health Sciences (NIEHS), EMF exposure is not expected to pose a significant public health risk.[17] The NIEHS report to Congress concluded that "the probability that EMF exposure is truly a health hazard is currently small", noting that weak epidemiological evidence and the absence of supporting laboratory results provide only limited scientific basis for concern.

Although California does not regulate EMF exposure, estimated values for transmission lines similar to those proposed are well below limits set by states that do. These states typically regulate EMF levels between 150 and 250 milligauss at the edge of the right-of-way, depending on line voltage. The CEC currently does not specify magnetic-field limits for standard transmission line designs.

5.6 Legionella

Legionella bacteria occur naturally in freshwater bodies such as lakes and streams but can become a health risk when they grow and spread in human-made water systems, including industrial cooling towers or centralized cooling equipment. Humans can be exposed by inhaling tiny water droplets that contain Legionella bacteria. The proposed project would not use a cooling tower or wet surface air cooler capable of supporting Legionella growth or dispersal. As a result, no water treatment program aimed at reducing potential Legionella-related health risks is required.

6 Cumulative Impacts

TACs emissions are a localized issue. In general, TACs concentrations are typically highest near the emissions sources and decline with increased distance. CARB recommends distances that should be incorporated when siting new sources or sensitive receptors near a source of TACs in its *Air Quality and Land Use Handbook*, which generally ranges from 500 to 1,000 feet depending on the source category. Based on CARB's Pollution Mapping Tool, the nearest tracked facility is the Ameresco Santa Cruz Energy Buena Vista Landfill approximately 3.8 miles southwest of the project site, and there are no other tracked facilities within six miles of the project site.[18] According to CARB, the Ameresco Santa Cruz Energy Buena Vista Landfill is not a generator of diesel exhaust particulate matter, and health risks from all other TACs emissions are below the thresholds.[19] Therefore, there were no tracked sources within 500 to 1,000 feet of the project site, and no cumulative impacts from nearby sources are anticipated. As such, the project would not have a cumulatively considerable public health impact, and cumulative impacts would be less than significant.

7 Agencies and Agency Contacts

No agencies were contacted directly to specifically discuss public health impacts related to the proposed project.

[17] National Institute of Environmental Health Sciences. *Environmental Health Institute Report Concludes Evidence is 'Weak' that EMFs Cause Cancer*. 1999.

[18] California Air Resources Board. *Pollution Mapping Tool v2.6*. https://ww2.arb.ca.gov/resources/carb-pollution-mapping-tool. Accessed November 2025.

[19] California Air Resources Board. *Facility Details, Ameresco Santa Cruz Energy, Llc - Buena Vista Landfill*. https://www.arb.ca.gov/app/emsinv/iframe/facinfo/facdet.php?co_=44&ab_=NCC&facid_=489&dis_=MBU&dbyr=2022&dd=. Accessed December 2025.

8 Permits and Permit Schedules

Pursuant to Assembly Bill 205 subsection 25545.1(b)(1), the CEC retains exclusive authority over permitting and supersedes any applicable statute, ordinance, or regulation of a local air quality management district. The Project Applicant and CEC would collaborate with the MBARD on review of this report to ensure compliance with MBARD rules and regulations. No further permits related to public health are required.

9 References

American Industrial Hygiene Association. *Emergency Response Planning Guidelines Values*. 2022. https://aiha-assets.sfo2.digitaloceanspaces.com/AIHA/resources/ERPG-Chemicals-List-REV-2022.pdf. Accessed November 2025.

Andersson et al. *Investigation of Fire Emissions from Li-ion Batteries*, https://www.diva-portal.org/smash/get/diva2:962743/FULLTEXT01.pdf. 2013.

Bugryniec et al. *Review of gas emissions from lithium-ion battery thermal runaway failure — Considering toxic and flammable compounds,* https://neveragainmosslanding.org/wp-content/uploads/2025/04/Review-of-gas-emissions-from-lithium-ion-battery-thermal-runaway-failure.pdf. 2024.

California Air Resources Board. *Air Quality and Meteorological Information System*. https://www.arb.ca.gov/aqmis2/aqdselect.php. Accessed January 2026.

California Air Resources Board. *HARP AERMOD Meteorological Files*. https://ww2.arb.ca.gov/resources/documents/harp-aermod-meteorological-files. Accessed November 2025.

California Air Resources Board. *Air Quality and Land Use Handbook*. April 2005. https://files.ceqanet.lci.ca.gov/221458-6/attachment/UNr-g159CW-r0G4DR8q6daNdAKT3RJTd8gGQCfz4wqFfl-eNdZNQEqjf8tfls1x6Gsae7YqpXwtFIZBd0. Accessed November 2025.

California Air Resources Board. *Diesel Risk Reduction Plan*. September 2000. https://ww2.arb.ca.gov/our-work/programs/diesel-risk-reduction-plan. Accessed November 2025.

California Air Resources Board. *Pollution Mapping Tool v2.6*. https://ww2.arb.ca.gov/resources/carb-pollution-mapping-tool. Accessed November 2025.

California Air Resources Board. *Facility Details, Ameresco Santa Cruz Energy, Llc - Buena Vista Landfill*. https://www.arb.ca.gov/app/emsinv/iframe/facinfo/facdet.php?co_=44&ab_=NCC&facid_=489&dis_=MBU&dbyr=2022&dd=. Accessed December 2025.

Claassen et al. *Characterization of Lithium-Ion Battery Fire Emissions—Part 2: Particle Size Distributions and Emission Factors*, https://www.mdpi.com/2313-0105/10/10/366. October 16, 2024.

DNV Energy USA, Inc. *CATL EnerC+ Large Scale Burn Test*. January 13, 2025.

Environmental Protection Agency. *Interactive Map of Air Quality Monitors*. https://www.epa.gov/outdoor-air-quality-data/interactive-map-air-quality-monitors. Accessed January 2026.

Tetra Tech. *Docket Log, Data Response Set #4.* https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=24-OPT-05. Accessed January 2026.

Dudek. *Construction Health Risk Assessment for the Seahawk BESS Project*. December 5, 2024.

Dudek. *Hazardous Consequence Analysis for the Seahawk BESS Project*. December 5, 2024.

Office of Environmental Health Hazard Assessment. *Air Toxics Hot Spots Program Risk Assessment Guidelines – Guidance Manual for Preparation of Health Risk Assessments*. February 2015. https://oehha.ca.gov/sites/default/files/media/downloads/crnr/2015guidancemanual.pdf. Accessed November 2025.

Office of Environmental Health Hazard Assessment. *Air Toxics Hot Spots*. https://oehha.ca.gov/air/air-toxics-hot-spots. Accessed November 2025.Monterey Bay Air Resources District (MBARD). *CEQA Air Quality Guidelines*. Last revised February 2008. https://www.mbard.org/ceqa. Accessed November 2025.

Monterey Bay Air Resources District (MBARD). *Guidelines for Implementing the California Environmental Quality Act*. Adopted April 1996, revised February 2016. https://www.mbard.org/ceqa. Accessed November 2025.

Larson et al. *Toxic Fluoride Gas Emissions from Lithium-ion Battery Fires*, https://www.nature.com/articles/s41598-017-09784-z. August 30, 2017.

Long et al. *Best Practices for Emergency Response to Incidents Involving Electric Vehicles Battery Hazards: A Report on Full-Scale Testing Results*, https://www.energy.gov/sites/prod/files/2014/02/f8/final_report_nfpa.pdf. June 2013.

Monterey Bay Air Resources District (MBARD). *Triennial Plan Revision 2009-2011*. Adopted April 17, 2013. http://mbard.org/pdf/Final_Triennial_Plan_Revision_041913.pdf. Accessed November 2025.

National Institute of Environmental Health Sciences. *Environmental Health Institute Report Concludes Evidence is 'Weak' that EMFs Cause Cancer*. 1999.

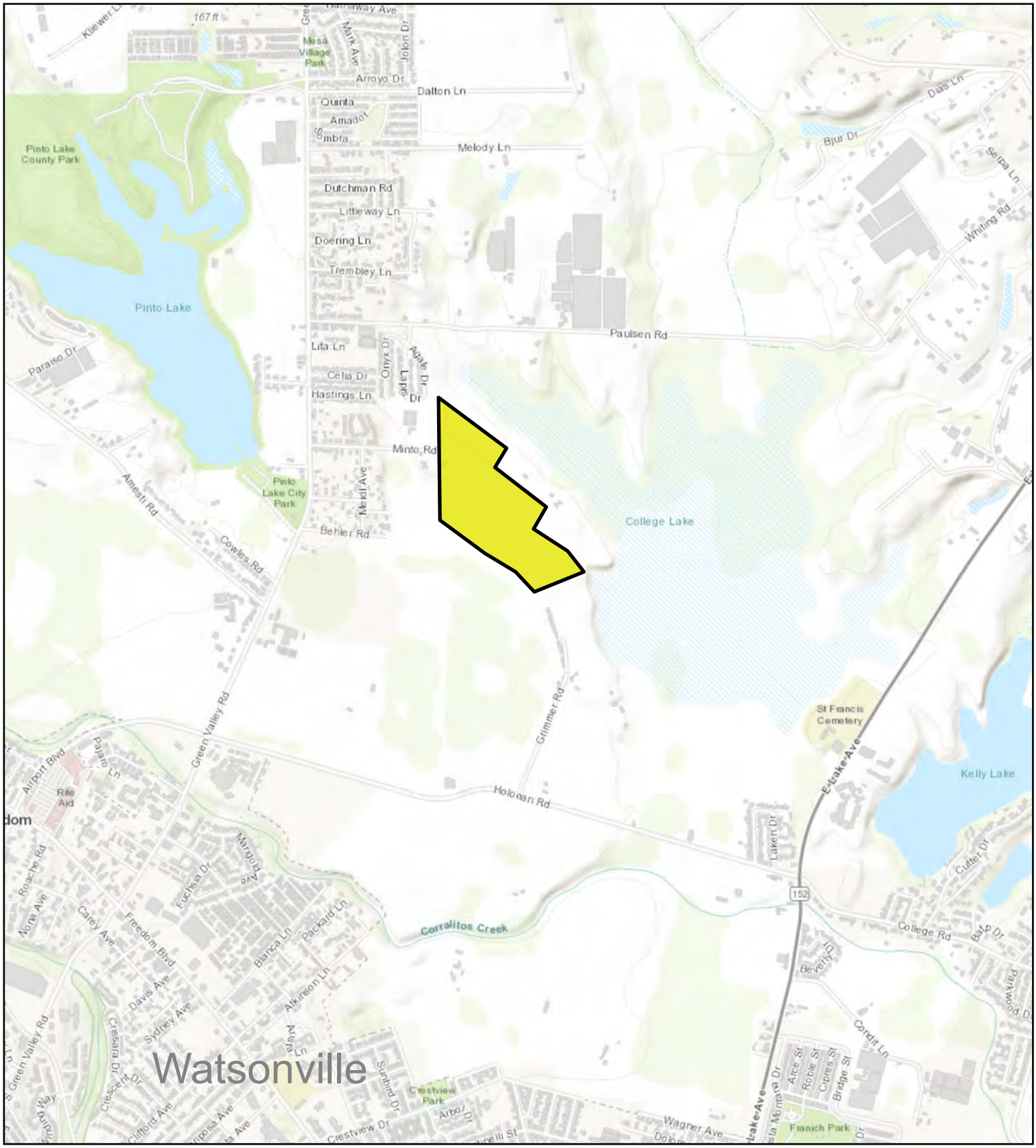
South Coast Air Quality Management District. *Final Localized Significance Threshold Methodology*. Revised July 2008. http://www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf?sfvrsn=2.docs/. Accessed November 2025.

Santa Barbara County Air Pollution Control District. *Modeling Guidelines for Health Risk Assessments. Form-15i*. December 2023. https://www.ourair.org/wp-content/uploads/apcd-15i.pdf. Accessed November 2025.

Sungrow. *Sungrow Battery Energy Storage System (BESS) PowerTitan 2.0 – Large Scale Burn Test Report*. April 22, 2025.

Tetra Tech, *Data Request Response #4 for the Corby Battery Energy Storage System Project (24-OPT-05).* October 2025.

U.S. Environmental Protection Agency. *Compiled AEGL Values*. July 27, 2018. https://www.epa.gov/sites/default/files/2018-08/documents/compiled_aegls_update_27jul2018.pdf. Accessed November 2025.



SEAHAWK BATTERY ENERGY STORAGE SYSTEM PROJECT

FIGURE 1: PROJECT SITE LOCATION

0 2,000 4,000 Feet

0 0.5 1 Miles

PROJECT SITE LOCATION

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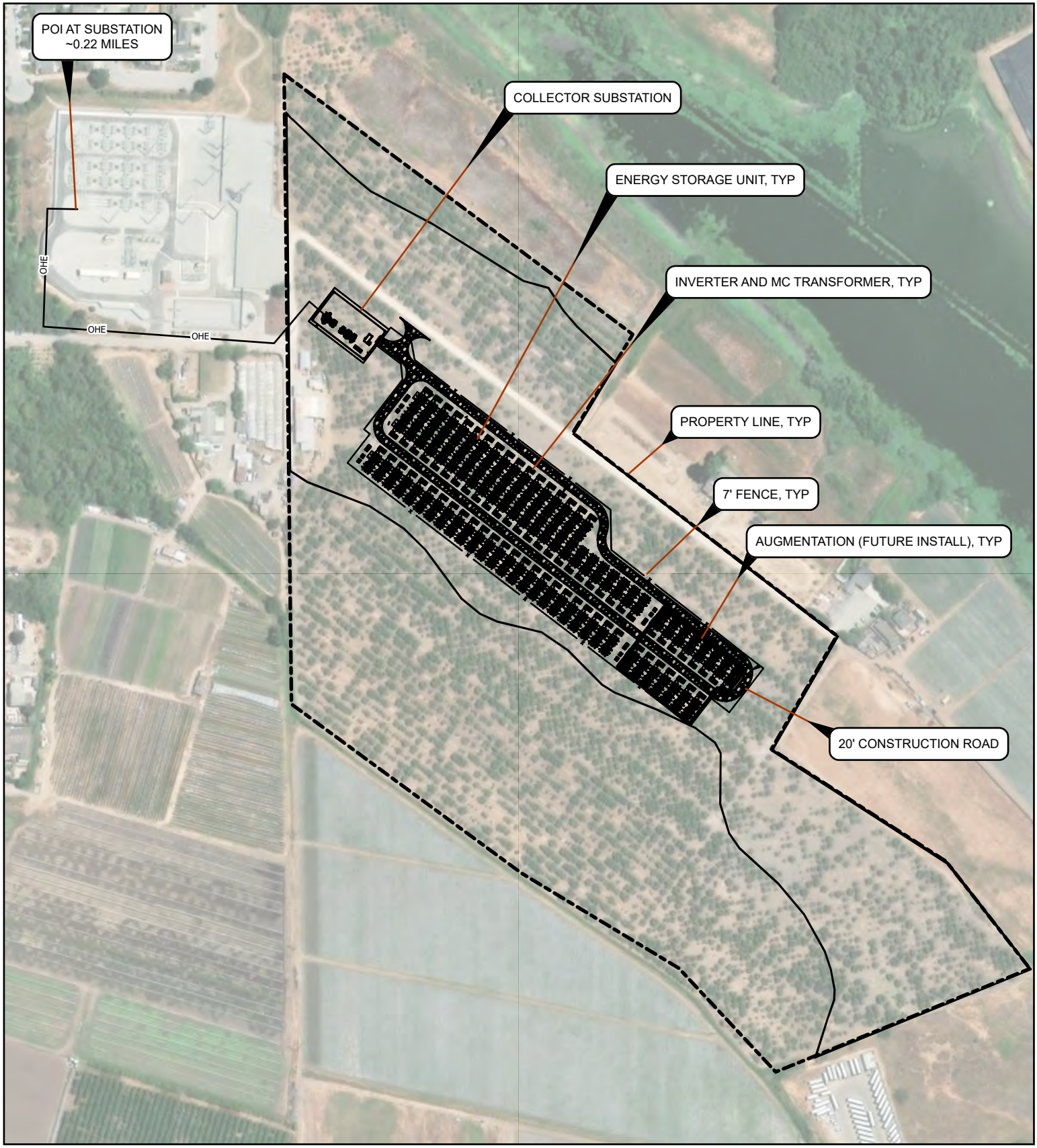

SEAHAWK BATTERY ENERGY STORAGE SYSTEM PROJECT

FIGURE 2 : SITE PLAN

0 250 500 Feet

0 0.05 0.1 Miles

SITE PLAN OUTLINE

PROJECT SITE LOCATION

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SEAHAWK BATTERY ENERGY STORAGE SYSTEM PROJECT

FIGURE 3: LOCATIONS OF BESS UNDERGOING THERMAL RUNAWAY

Scale: 1:6,000

PROJECT SITE BOUNDARY

BESS LOCATIONS

SENSITIVE RECEPTORS

0 75 150 Meters

0 0.07 0.15 Kilometers

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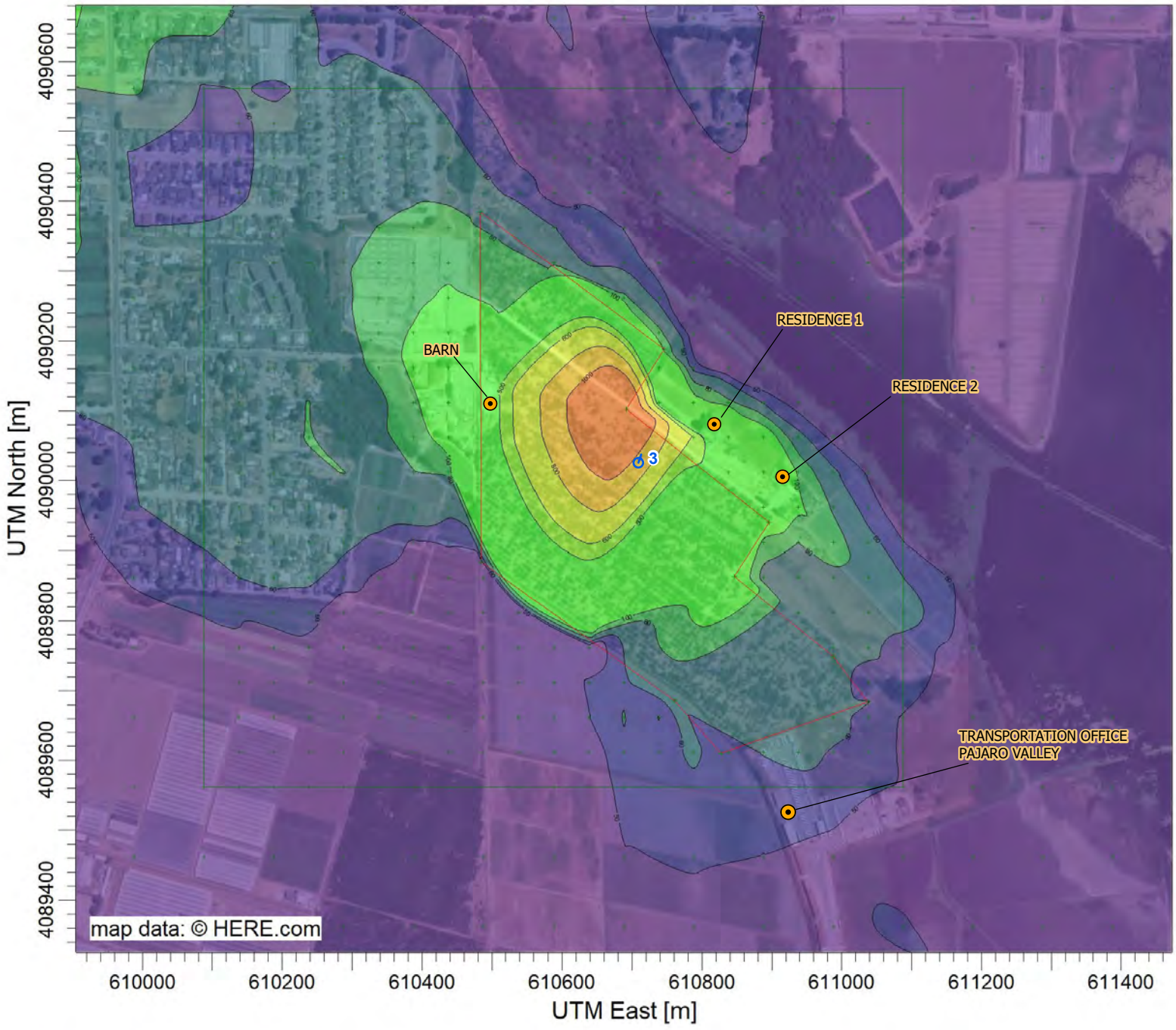

PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: ALL

ug/m^3

Max: 1446 [ug/m^3] at (610691.81, 4090101.98)

22 50 60 80 100 500 600 800 1000 1446

SEAHAWK BATTERY ENERGY STORAGE SYSTEM PROJECT

FIGURE 4: THERMAL RUNAWAY SCENARIO 1-HOUR CONCENTRATION

Scale: 1:7,500

PROJECT SITE BOUNDARY

BESS LOCATIONS

SENSITIVE RECEPTORS

0 100 200 Meters

0 0.1 0.2 Kilometers

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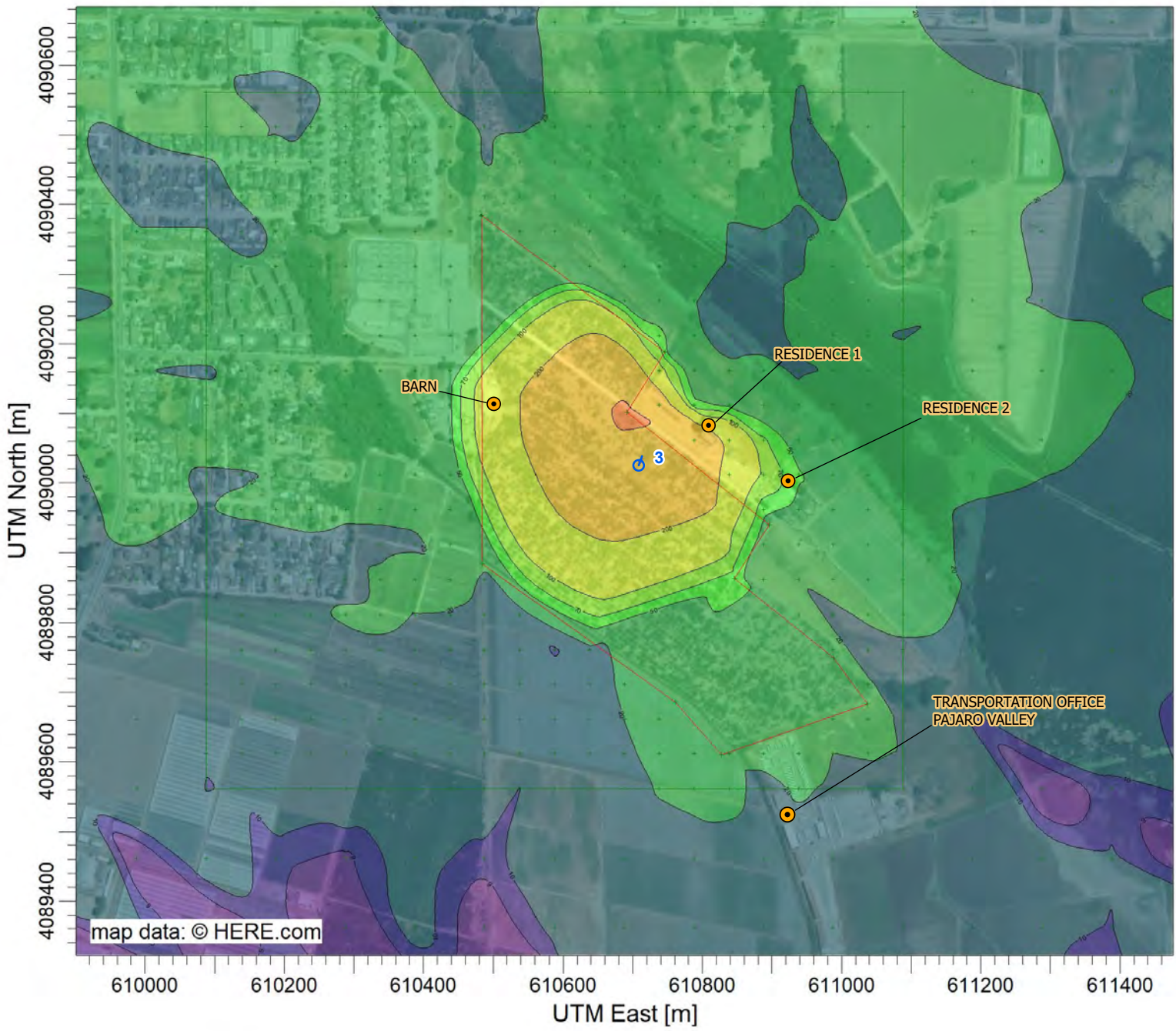

PLOT FILE OF HIGH 1ST HIGH 8-HR VALUES FOR SOURCE GROUP: ALL

ug/m^3

Max: 434 [ug/m^3] at (610691.81, 4090101.98)

6 9 10 20 50 70 100 200 400 434

SEAHAWK BATTERY ENERGY STORAGE SYSTEM PROJECT

FIGURE 5: THERMAL RUNAWAY SCENARIO 8- HOUR CONCENTRATION

Scale: 1:7,500

PROJECT SITE BOUNDARY

BESS LOCATIONS

SENSITIVE RECEPTORS

0 100 200 Meters

0 0.1 0.2 Kilometers

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Attachment A:
Public Health Modeling Data

AERMOD Construction Ouputs

Seahawk BESS - Construction HRA Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Seahawk BESS - Construction HRA
Construction Start Date	6/1/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	1.80
Precipitation (days)	37.2
Location	90 Minto Rd, Watsonville, CA 95076, USA
County	Santa Cruz
City	Unincorporated
Air District	Monterey Bay ARD
Air Basin	North Central Coast
TAZ	3126
EDFZ	6
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	1.00	1000sqft	14.0	1,000	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.19	2.72	22.1	24.5	0.06	0.97	5.12	6.05	0.89	2.63	3.49	—	5,825	5,825	0.24	0.05	0.15	5,846
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.24	1.89	12.5	17.6	0.06	0.44	0.03	0.47	0.41	0.01	0.41	—	5,825	5,825	0.24	0.05	< 0.005	5,846
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.02	0.87	6.40	8.23	0.02	0.24	0.42	0.66	0.22	0.20	0.42	—	2,458	2,458	0.10	0.02	0.03	2,466
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.19	0.16	1.17	1.50	< 0.005	0.04	0.08	0.12	0.04	0.04	0.08	—	407	407	0.02	< 0.005	0.01	408

2.2. Construction Emissions by Year, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.19	2.72	22.1	24.5	0.04	0.97	5.12	6.05	0.89	2.63	3.49	—	3,855	3,855	0.18	0.04	0.15	3,872

2026	2.09	1.77	13.8	15.9	0.03	0.50	0.02	0.52	0.46	0.01	0.47	—	3,287	3,287	0.15	0.04	0.14	3,302
2027	0.64	0.63	0.13	1.63	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	57.1	57.1	0.03	0.01	0.11	62.5
2050	2.24	1.88	11.1	17.5	0.06	0.29	0.01	0.30	0.27	< 0.005	0.27	—	5,825	5,825	0.24	0.05	< 0.005	5,846
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.96	1.67	12.5	16.4	0.03	0.44	0.02	0.47	0.41	0.01	0.41	—	2,787	2,787	0.15	0.04	< 0.005	2,802
2026	1.86	1.59	11.9	16.2	0.03	0.39	0.03	0.41	0.36	0.01	0.36	—	2,786	2,786	0.15	0.04	< 0.005	2,802
2027	0.65	0.62	0.16	2.39	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	57.3	57.3	0.04	0.01	< 0.005	62.8
2050	2.24	1.89	11.1	17.6	0.06	0.29	0.01	0.30	0.27	< 0.005	0.27	—	5,825	5,825	0.24	0.05	< 0.005	5,846
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.91	0.77	6.01	7.28	0.01	0.24	0.42	0.66	0.22	0.20	0.42	—	1,229	1,229	0.06	0.02	0.02	1,235
2026	1.02	0.87	6.40	8.23	0.01	0.22	0.01	0.23	0.20	< 0.005	0.21	—	1,546	1,546	0.08	0.02	0.03	1,555
2027	0.19	0.18	0.05	0.61	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.9	16.9	0.01	< 0.005	0.01	18.5
2050	0.94	0.80	4.70	7.42	0.02	0.12	< 0.005	0.13	0.11	< 0.005	0.11	—	2,458	2,458	0.10	0.02	< 0.005	2,466
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.17	0.14	1.10	1.33	< 0.005	0.04	0.08	0.12	0.04	0.04	0.08	—	203	203	0.01	< 0.005	< 0.005	204
2026	0.19	0.16	1.17	1.50	< 0.005	0.04	< 0.005	0.04	0.04	< 0.005	0.04	—	256	256	0.01	< 0.005	0.01	257
2027	0.03	0.03	0.01	0.11	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	3.06
2050	0.17	0.15	0.86	1.35	< 0.005	0.02	< 0.005	0.02	0.02	< 0.005	0.02	—	407	407	0.02	< 0.005	< 0.005	408

3. Construction Emissions Details

3.1. Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.77	2.33	22.0	20.9	0.03	0.93	—	0.93	0.86	—	0.86	—	3,620	3,620	0.15	0.03	—	3,632
Dust From Material Movement	—	—	—	—	—	—	5.11	5.11	—	2.63	2.63	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.33	1.26	< 0.005	0.06	—	0.06	0.05	—	0.05	—	218	218	0.01	< 0.005	—	219
Dust From Material Movement	—	—	—	—	—	—	0.31	0.31	—	0.16	0.16	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.24	0.23	< 0.005	0.01	—	0.01	0.01	—	0.01	—	36.1	36.1	< 0.005	< 0.005	—	36.2
Dust From Material Movement	—	—	—	—	—	—	0.06	0.06	—	0.03	0.03	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.04	0.46	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.8	14.8	0.01	< 0.005	0.03	16.2
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.25	7.25	< 0.005	< 0.005	0.01	7.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.89	0.89	< 0.005	< 0.005	< 0.005	0.97
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.46
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.16
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Substation Site Preparation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	1.39	1.16	11.0	10.4	0.02	0.47	—	0.47	0.43	—	0.43	—	1,810	1,810	0.07	0.01	—	1,816
Dust From Material Movement	—	—	—	—	—	—	2.56	2.56	—	1.31	1.31	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.04	0.33	0.31	< 0.005	0.01	—	0.01	0.01	—	0.01	—	54.5	54.5	< 0.005	< 0.005	—	54.7
Dust From Material Movement	—	—	—	—	—	—	0.08	0.08	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.06	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.03	9.03	< 0.005	< 0.005	—	9.06
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.04	0.46	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.8	14.8	0.01	< 0.005	0.03	16.2
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.25	7.25	< 0.005	< 0.005	0.01	7.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.45	1.22	10.1	13.1	0.02	0.51	—	0.51	0.47	—	0.47	—	2,001	2,001	0.08	0.02	—	2,008

Dust From Material Movement	—	—	—	—	—	—	0.41	0.41	—	0.04	0.04	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.58	0.75	< 0.005	0.03	—	0.03	0.03	—	0.03	—	115	115	< 0.005	< 0.005	—	116
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.11	0.14	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	19.1	19.1	< 0.005	< 0.005	—	19.1
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.04	0.46	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.8	14.8	0.01	< 0.005	0.03	16.2

Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.25	7.25	< 0.005	< 0.005	0.01	7.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.85	0.85	< 0.005	< 0.005	< 0.005	0.93
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.42	0.42	< 0.005	< 0.005	< 0.005	0.44
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.14	0.14	< 0.005	< 0.005	< 0.005	0.15
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.07
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Substation Site Grading (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.72	0.61	5.05	6.56	0.01	0.25	—	0.25	0.23	—	0.23	—	1,001	1,001	0.04	0.01	—	1,004
Dust From Material Movement	—	—	—	—	—	—	0.21	0.21	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.15	0.20	< 0.005	0.01	—	0.01	0.01	—	0.01	—	30.2	30.2	< 0.005	< 0.005	—	30.3
Dust From Material Movement	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.04	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.99	4.99	< 0.005	< 0.005	—	5.01
Dust From Material Movement	—	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.04	0.46	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.8	14.8	0.01	< 0.005	0.03	16.2
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.25	7.25	< 0.005	< 0.005	0.01	7.63
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.49
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.04	0.04	< 0.005	< 0.005	< 0.005	0.04
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Battery/Container Installation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.73	6.68	7.59	0.02	0.27	—	0.27	0.25	—	0.25	—	1,611	1,611	0.07	0.01	—	1,617
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.88	0.73	6.68	7.59	0.02	0.27	—	0.27	0.25	—	0.25	—	1,611	1,611	0.07	0.01	—	1,617
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.22	2.01	2.29	< 0.005	0.08	—	0.08	0.07	—	0.07	—	486	486	0.02	< 0.005	—	487
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.37	0.42	< 0.005	0.01	—	0.01	0.01	—	0.01	—	80.4	80.4	< 0.005	< 0.005	—	80.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.04	0.46	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.8	14.8	0.01	< 0.005	0.03	16.2
Vendor	0.02	0.01	0.24	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	36.3	36.3	0.01	0.01	0.04	38.1
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.03	5.03	< 0.005	< 0.005	< 0.005	5.31
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.04	0.67	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.9	14.9	0.01	< 0.005	< 0.005	16.3
Vendor	0.02	0.01	0.24	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	36.2	36.2	0.01	0.01	< 0.005	38.1
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.02	5.02	< 0.005	< 0.005	< 0.005	5.30
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.01	0.17	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.43	4.43	< 0.005	< 0.005	< 0.005	4.86
Vendor	< 0.005	< 0.005	0.07	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	10.9	10.9	< 0.005	< 0.005	0.01	11.5
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.52	1.52	< 0.005	< 0.005	< 0.005	1.60
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.73	0.73	< 0.005	< 0.005	< 0.005	0.80
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.81	1.81	< 0.005	< 0.005	< 0.005	1.90
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.25	0.25	< 0.005	< 0.005	< 0.005	0.26

3.11. Battery/Container Installation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.84	0.70	6.30	7.53	0.02	0.24	—	0.24	0.22	—	0.22	—	1,611	1,611	0.07	0.01	—	1,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.84	0.70	6.30	7.53	0.02	0.24	—	0.24	0.22	—	0.22	—	1,611	1,611	0.07	0.01	—	1,616
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.55	0.46	4.12	4.92	0.01	0.16	—	0.16	0.14	—	0.14	—	1,053	1,053	0.04	0.01	—	1,057
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.75	0.90	< 0.005	0.03	—	0.03	0.03	—	0.03	—	174	174	0.01	< 0.005	—	175
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.04	0.43	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.5	14.5	0.01	< 0.005	0.03	15.9
Vendor	0.02	0.01	0.23	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	35.7	35.7	0.01	0.01	0.04	37.6
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.96	4.96	< 0.005	< 0.005	< 0.005	5.23
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.04	0.63	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	0.01	< 0.005	< 0.005	16.0
Vendor	0.01	0.01	0.24	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	35.8	35.8	0.01	0.01	< 0.005	37.6
Hauling	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.96	4.96	< 0.005	< 0.005	< 0.005	5.23
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11	0.10	0.03	0.35	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	9.44	9.44	0.01	< 0.005	0.01	10.3
Vendor	0.01	0.01	0.15	0.09	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	23.4	23.4	< 0.005	< 0.005	0.01	24.6
Hauling	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.24	3.24	< 0.005	< 0.005	< 0.005	3.42
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	< 0.005	0.06	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.56	1.56	< 0.005	< 0.005	< 0.005	1.71
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.87	3.87	< 0.005	< 0.005	< 0.005	4.07
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.54	0.54	< 0.005	< 0.005	< 0.005	0.57

3.13. Substation Installation (2025) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.58	5.20	7.16	0.01	0.18	—	0.18	0.16	—	0.16	—	1,068	1,068	0.04	0.01	—	1,072
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.70	0.58	5.20	7.16	0.01	0.18	—	0.18	0.16	—	0.16	—	1,068	1,068	0.04	0.01	—	1,072
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	0.16	1.41	1.95	< 0.005	0.05	—	0.05	0.04	—	0.04	—	291	291	0.01	< 0.005	—	292
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.03	0.26	0.36	< 0.005	0.01	—	0.01	0.01	—	0.01	—	48.1	48.1	< 0.005	< 0.005	—	48.3
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.17	0.04	0.46	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.8	14.8	0.01	< 0.005	0.03	16.2
Vendor	0.02	0.01	0.24	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	36.3	36.3	0.01	0.01	0.04	38.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18	0.17	0.04	0.67	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.9	14.9	0.01	< 0.005	< 0.005	16.3
Vendor	0.02	0.01	0.24	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	36.2	36.2	0.01	0.01	< 0.005	38.1
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.01	0.16	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.00	4.00	< 0.005	< 0.005	< 0.005	4.38
Vendor	< 0.005	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	9.86	9.86	< 0.005	< 0.005	0.01	10.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.03	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.66	0.66	< 0.005	< 0.005	< 0.005	0.73
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.63	1.63	< 0.005	< 0.005	< 0.005	1.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.15. Substation Installation (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.65	0.54	4.99	7.13	0.01	0.15	—	0.15	0.14	—	0.14	—	1,070	1,070	0.04	0.01	—	1,074
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.65	0.54	4.99	7.13	0.01	0.15	—	0.15	0.14	—	0.14	—	1,070	1,070	0.04	0.01	—	1,074
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13	0.11	1.03	1.46	< 0.005	0.03	—	0.03	0.03	—	0.03	—	220	220	0.01	< 0.005	—	221
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.19	0.27	< 0.005	0.01	—	0.01	0.01	—	0.01	—	36.4	36.4	< 0.005	< 0.005	—	36.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.04	0.43	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.5	14.5	0.01	< 0.005	0.03	15.9
Vendor	0.02	0.01	0.23	0.13	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	35.7	35.7	0.01	0.01	0.04	37.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.17	0.16	0.04	0.63	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	14.6	14.6	0.01	< 0.005	< 0.005	16.0
Vendor	0.01	0.01	0.24	0.14	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	35.8	35.8	0.01	0.01	< 0.005	37.6
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.11	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.97	2.97	< 0.005	< 0.005	< 0.005	3.25
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.35	7.35	< 0.005	< 0.005	< 0.005	7.72
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.49	0.49	< 0.005	< 0.005	< 0.005	0.54
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.22	1.22	< 0.005	< 0.005	< 0.005	1.28
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.17. Gen-Tie Foundation and Tower Erection (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.02	0.85	7.19	7.69	0.02	0.26	—	0.26	0.24	—	0.24	—	1,610	1,610	0.07	0.01	—	1,615
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.87	0.93	< 0.005	0.03	—	0.03	0.03	—	0.03	—	194	194	0.01	< 0.005	—	195
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.16	0.17	< 0.005	0.01	—	0.01	0.01	—	0.01	—	32.1	32.1	< 0.005	< 0.005	—	32.2
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.11	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.64	3.64	< 0.005	< 0.005	0.01	3.97
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.15	7.15	< 0.005	< 0.005	0.01	7.52
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.44	0.44	< 0.005	< 0.005	< 0.005	0.48
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.86	0.86	< 0.005	< 0.005	< 0.005	0.91
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.14	0.14	< 0.005	< 0.005	< 0.005	0.15
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.19. Gen-Tie Stringing and Pulling (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	1.76	2.68	< 0.005	0.04	—	0.04	0.04	—	0.04	—	438	438	0.02	< 0.005	—	439
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.11	0.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	27.6	27.6	< 0.005	< 0.005	—	27.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	4.57	4.57	< 0.005	< 0.005	—	4.58
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03	0.03	0.01	0.09	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.91	2.91	< 0.005	< 0.005	0.01	3.18
Vendor	< 0.005	< 0.005	0.05	0.03	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	7.15	7.15	< 0.005	< 0.005	0.01	7.52
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.18	0.18	< 0.005	< 0.005	< 0.005	0.20
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.45	0.45	< 0.005	< 0.005	< 0.005	0.47
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.03	0.03	< 0.005	< 0.005	< 0.005	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.07	0.07	< 0.005	< 0.005	< 0.005	0.08
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.21. Commissioning (2026) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.67	0.65	0.17	2.53	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	58.4	58.4	0.05	0.01	< 0.005	64.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.01	0.13	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.50	3.50	< 0.005	< 0.005	< 0.005	3.84
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.23. Commissioning (2027) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.64	0.63	0.13	1.63	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	57.1	57.1	0.03	0.01	0.11	62.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.65	0.62	0.16	2.39	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	57.3	57.3	0.04	0.01	< 0.005	62.8
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.19	0.18	0.05	0.61	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	16.9	16.9	0.01	< 0.005	0.01	18.5
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.03	0.03	0.01	0.11	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.79	2.79	< 0.005	< 0.005	< 0.005	3.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.25. Decommissioning (2050) - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.17	1.82	11.1	17.4	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.17	1.82	11.1	17.4	0.06	0.29	—	0.29	0.27	—	0.27	—	5,805	5,805	0.24	0.05	—	5,825
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.92	0.77	4.67	7.33	0.02	0.12	—	0.12	0.11	—	0.11	—	2,449	2,449	0.10	0.02	—	2,458
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.17	0.14	0.85	1.34	< 0.005	0.02	—	0.02	0.02	—	0.02	—	405	405	0.02	< 0.005	—	407
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.01	0.14	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.1	11.1	< 0.005	< 0.005	< 0.005	12.0
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.04	5.04	< 0.005	< 0.005	< 0.005	5.28
Hauling	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.75	3.75	< 0.005	< 0.005	< 0.005	3.94
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.02	0.20	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	11.0	11.0	< 0.005	< 0.005	< 0.005	11.9
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	5.13	5.13	< 0.005	< 0.005	< 0.005	5.38
Hauling	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.82	3.82	< 0.005	< 0.005	< 0.005	4.01
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03	0.03	0.01	0.07	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.61	4.61	< 0.005	< 0.005	< 0.005	4.98
Vendor	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.14	2.14	< 0.005	< 0.005	< 0.005	2.25
Hauling	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.59	1.59	< 0.005	< 0.005	< 0.005	1.67
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	0.83
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.35	0.35	< 0.005	< 0.005	< 0.005	0.37
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.26	0.26	< 0.005	< 0.005	< 0.005	0.28

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Site Preparation	Site Preparation	6/1/2025	7/1/2025	5.00	22.0	—
Substation Site Preparation	Site Preparation	7/2/2025	7/16/2025	5.00	11.0	—
Grading	Grading	7/2/2025	7/30/2025	5.00	21.0	—
Substation Site Grading	Grading	7/31/2025	8/14/2025	5.00	11.0	—
Battery/Container Installation	Building Construction	7/31/2025	11/30/2026	5.00	348	—
Substation Installation	Building Construction	8/15/2025	4/15/2026	5.00	174	—
Gen-Tie Foundation and Tower Erection	Building Construction	4/16/2026	6/16/2026	5.00	44.0	—
Gen-Tie Stringing and Pulling	Building Construction	6/17/2026	7/17/2026	5.00	23.0	—
Commissioning	Building Construction	12/1/2026	6/1/2027	5.00	131	—
Decommissioning	Building Construction	5/31/2050	12/31/2050	5.00	154	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Site Preparation	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Site Preparation	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Substation Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Substation Site Preparation	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Substation Site Preparation	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Graders	Diesel	Average	2.00	8.00	148	0.41
Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Grading	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Substation Site Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Substation Site Grading	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Substation Site Grading	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Battery/Container Installation	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Battery/Container Installation	Cranes	Diesel	Average	1.00	8.00	367	0.29
Battery/Container Installation	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Battery/Container Installation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Substation Installation	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Substation Installation	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Substation Installation	Bore/Drill Rigs	Diesel	Average	1.00	8.00	83.0	0.50
Substation Installation	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20

Substation Installation	Trenchers	Diesel	Average	1.00	8.00	40.0	0.50
Gen-Tie Foundation and Tower Erection	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Gen-Tie Foundation and Tower Erection	Cranes	Diesel	Average	1.00	8.00	367	0.29
Gen-Tie Foundation and Tower Erection	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Gen-Tie Foundation and Tower Erection	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Gen-Tie Foundation and Tower Erection	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Gen-Tie Stringing and Pulling	Aerial Lifts	Diesel	Average	1.00	8.00	46.0	0.31
Gen-Tie Stringing and Pulling	Tractors/Loaders/Back hoes	Diesel	Average	1.00	8.00	84.0	0.37
Decommissioning	Concrete/Industrial Saws	Diesel	Average	2.00	8.00	33.0	0.73
Decommissioning	Cranes	Diesel	Average	2.00	8.00	367	0.29
Decommissioning	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Decommissioning	Tractors/Loaders/Back hoes	Diesel	Average	2.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	—	—	—	—
Site Preparation	Worker	40.0	0.25	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Site Preparation	Hauling	0.00	0.25	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—

Grading	Worker	40.0	0.25	LDA,LDT1,LDT2
Grading	Vendor	4.00	0.25	HHDT,MHDT
Grading	Hauling	0.00	0.25	HHDT
Grading	Onsite truck	—	—	HHDT
Battery/Container Installation	—	—	—	—
Battery/Container Installation	Worker	40.0	0.25	LDA,LDT1,LDT2
Battery/Container Installation	Vendor	20.0	0.25	HHDT,MHDT
Battery/Container Installation	Hauling	2.00	0.25	HHDT
Battery/Container Installation	Onsite truck	—	—	HHDT
Substation Site Preparation	—	—	—	—
Substation Site Preparation	Worker	40.0	0.25	LDA,LDT1,LDT2
Substation Site Preparation	Vendor	4.00	0.25	HHDT,MHDT
Substation Site Preparation	Hauling	0.00	0.25	HHDT
Substation Site Preparation	Onsite truck	—	—	HHDT
Substation Site Grading	—	—	—	—
Substation Site Grading	Worker	40.0	0.25	LDA,LDT1,LDT2
Substation Site Grading	Vendor	4.00	0.25	HHDT,MHDT
Substation Site Grading	Hauling	0.00	0.25	HHDT
Substation Site Grading	Onsite truck	—	—	HHDT
Substation Installation	—	—	—	—
Substation Installation	Worker	40.0	0.25	LDA,LDT1,LDT2
Substation Installation	Vendor	20.0	0.25	HHDT,MHDT
Substation Installation	Hauling	0.00	0.25	HHDT
Substation Installation	Onsite truck	—	—	HHDT
Gen-Tie Foundation and Tower Erection	—	—	—	—
Gen-Tie Foundation and Tower Erection	Worker	10.0	0.25	LDA,LDT1,LDT2

Gen-Tie Foundation and Tower Erection	Vendor	4.00	0.25	HHDT,MHDT
Gen-Tie Foundation and Tower Erection	Hauling	0.00	0.25	HHDT
Gen-Tie Foundation and Tower Erection	Onsite truck	—	—	HHDT
Gen-Tie Stringing and Pulling	—	—	—	—
Gen-Tie Stringing and Pulling	Worker	8.00	0.25	LDA,LDT1,LDT2
Gen-Tie Stringing and Pulling	Vendor	4.00	0.25	HHDT,MHDT
Gen-Tie Stringing and Pulling	Hauling	0.00	0.25	HHDT
Gen-Tie Stringing and Pulling	Onsite truck	—	—	HHDT
Commissioning	—	—	—	—
Commissioning	Worker	160	0.25	LDA,LDT1,LDT2
Commissioning	Vendor	0.00	0.25	HHDT,MHDT
Commissioning	Hauling	0.00	0.25	HHDT
Commissioning	Onsite truck	—	—	HHDT
Decommissioning	—	—	—	—
Decommissioning	Worker	40.0	0.25	LDA,LDT1,LDT2
Decommissioning	Vendor	4.00	0.25	HHDT,MHDT
Decommissioning	Hauling	2.00	0.25	HHDT
Decommissioning	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Site Preparation	—	—	22.0	0.00	—
Substation Site Preparation	—	—	5.50	0.00	—
Grading	—	—	21.0	0.00	—
Substation Site Grading	—	—	5.50	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	204	0.03	< 0.005
2026	0.00	204	0.03	< 0.005
2027	0.00	204	0.03	< 0.005
2050	0.00	204	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	6.75	annual days of extreme heat
Extreme Precipitation	8.90	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	15.1	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	1	1	1	2

Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	17.6
AQ-PM	3.36
AQ-DPM	22.8
Drinking Water	60.1
Lead Risk Housing	58.8
Pesticides	98.4
Toxic Releases	7.49
Traffic	18.1
Effect Indicators	—
CleanUp Sites	0.00
Groundwater	32.4
Haz Waste Facilities/Generators	35.6
Impaired Water Bodies	93.4
Solid Waste	63.7

Sensitive Population	—
Asthma	54.5
Cardio-vascular	32.5
Low Birth Weights	16.8
Socioeconomic Factor Indicators	—
Education	87.0
Housing	83.3
Linguistic	81.9
Poverty	70.4
Unemployment	52.5

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	48.60772488
Employed	61.79905043
Median HI	48.13293982
Education	—
Bachelor's or higher	21.73745669
High school enrollment	100
Preschool enrollment	4.670858463
Transportation	—
Auto Access	50.77633774
Active commuting	54.69010651
Social	—
2-parent households	45.07891698
Voting	44.23200308

Neighborhood	—
Alcohol availability	81.05992557
Park access	26.06185038
Retail density	16.04003593
Supermarket access	19.90247658
Tree canopy	65.55883485
Housing	—
Homeownership	64.54510458
Housing habitability	37.1872193
Low-inc homeowner severe housing cost burden	37.20005133
Low-inc renter severe housing cost burden	24.20120621
Uncrowded housing	15.89888361
Health Outcomes	—
Insured adults	24.93263185
Arthritis	0.0
Asthma ER Admissions	32.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	23.6
Cognitively Disabled	36.6
Physically Disabled	52.4
Heart Attack ER Admissions	63.6
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0

Obesity	0.0
Pedestrian Injuries	84.9
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	31.0
Elderly	57.3
English Speaking	47.7
Foreign-born	77.0
Outdoor Workers	7.4
Climate Change Adaptive Capacity	—
Impervious Surface Cover	81.3
Traffic Density	30.0
Traffic Access	0.0
Other Indices	—
Hardship	73.4
Other Decision Support	—
2016 Voting	45.5

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	53.0

Healthy Places Index Score for Project Location (b)	41.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Seahawk BESS: assumed building to account for routine maintenance workers. Total acreage of 14 acres disturbed with no landscaping anticipated per applicant.
Construction: Construction Phases	Adjusted default construction schedule based on information provided by the applicant.
Construction: Off-Road Equipment	Default equipment revised based on information provided by the applicant.
Construction: Off-Road Equipment EF	—
Construction: Trips and VMT	Default on-road vehicle assumptions revised based on applicant input. 0.25 miles assumed per trip to account for localized travel only.
Construction: On-Road Fugitive Dust	Unpaved portion of Minto Road modeled separately for construction.
Operations: Road Dust	% paved based on assumption of 20-mile trip length on average with 0.4 miles unpaved on Minto Road
Operations: Consumer Products	Facility will be unmanned. No consumer products assumed.
Operations: Architectural Coatings	No architectural coatings anticipated.
Operations: Energy Use	Conservatively assumed 10% of capacity would be needed for any lighting and container cooling.

Operations: Water and Waste Water	Facility would be unmanned. No water/wastewater assumed.
Operations: Solid Waste	Facility would be unmanned. No solid waste assumed.
Operations: Off-Road Equipment	1 crane and 1 forklift assumed to operate for 8 hours for 1 day every 2 or 3 years for battery swaps.
Operations: Landscape Equipment	No landscaping anticipated.
Operations: Refrigerants	Conservatively assumed 600 pounds of SF6 for the project substation equipment.

Seahawk Energy Storage Facility Project

Construction HRA

Project Construction Emissions - On-Site Equipment and Trucks

	Unmitigated
	DPM
Year	tons/year
2025	0.043
2026	0.034
2027	0.000
Total	**0.077**
Total Lbs	**154.091**
Lbs/year	**76.750**
Lbs/hour	**0.037**

On-Site Construction: 3rd trimester start
522 active days
2.01 years

Project Construction Emissions - Gen-Tie

	Unmitigated
	DPM
Year	tons/year
2026	0.006
Total	**0.006**
Total Lbs	**12.572**
Lbs/year	**48.786**
Lbs/hour	**0.023**

Gen-Tie Construction: 0.75 years start
67 active days
0.26 years

Project Construction Emissions - Generators for Commissioning

	Unmitigated
	DPM
Year	tons/year
2026	0.008
2027	0.037
Total	**0.045**
Total Lbs	**90.799**
Lbs/year	**180.211**
Lbs/hour	**0.087**

Commissioning: 1.5 years start
131 active days
0.50 years

Project Decommissioning Emissions

	Unmitigated
	DPM
Year	tons/year
2050	0.023
Total	**0.023**
Total Lbs	**45.090**
Lbs/year	**76.126**
Lbs/hour	**0.037**

Decommissioning: 30 years start
154 active days
0.59 years

Risk	Unmitigated
Cancer - MEIR	9.21
Chronic - MEIR	0.0112

Conversions:

1 ton =	2,000	lb
Construction =	8	hours/day
	2080	hours/year
	260	days/year
	12	months

Diesel Off-road Equipment and Trucks (Line Volume Sources)

AERMOD Source Name	Description	No. of Vol. Sources	Emission Rate g/s	Release Height m	Plume Height m	Plume Width m
SLINE1	Offroad Equipment and Truck Exhaust - On-Site	284	1.00	5.00	10.00	10.00
SLINE2	Offroad Equipment and Truck Exhaust - Gen-Tie	34	1.00	5.00	10.00	10.00

Stationary Sources (Point Sources):

AERMOD Source Name	Equipment Description	Equipment Location	Rating (hp)	Stack Direction	Stack Height (m)	Stack Inside Diameter (m)	Gas Exhaust T (K)	Gas Exhaust Vel (m^3/m)
STCK1	Generators during Commissioning	>500 feet from Residences	4,828	Vertical/capped	3.4	0.3	744.3	280.2

Notes:
Stack parameters are based on Santa Barbara County APCD default recommendations for diesel-fired reciprocating ICEs

Receptors - Off-Site Nested Grid

Distance from Bounding Box (m)	Spacing (m)
0	50
500	100

Meteorological Data

Station Name		Years	Elev (m)
KWVI	Watsonville Municipal Airport	2015-2019	48.8

https://ww2.arb.ca.gov/resources/documents/harp-aermod-meteorological-files

Other Model Assumption

Rural or Urban	Rural
Urban Grp Pop	N/A
Variable Emissions	Yes: 8 hrs/weekday
Terrain Data	NED 1
Lakes Version	12.0.0
AERMOD Version	23132

Seahawk Energy Storage Facility Project

HARP2 Summation - Cancer Risk - Unmitigated Construction and Decommissioning - Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
481	ALL		610813.71	4090073	9.21E-06	9.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL		610838	4090062	7.85E-06	7.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL		610838	4090112	6.17E-06	6.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL		610838	4090162	4.97E-06	4.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL		610888	4090062	4.90E-06	4.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL		610917	4089999	4.41E-06	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL		610467.45	4090025	4.34E-06	4.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL		610838	4090212	4.15E-06	4.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL		610403.64	4090153	4.14E-06	4.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL		610888	4090112	4.06E-06	4.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL		610438	4090062	3.95E-06	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL		610415.18	4090111	3.74E-06	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL		610888	4090162	3.53E-06	3.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL		610838	4090262	3.51E-06	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		610938	4090012	3.48E-06	3.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL		610939.95	4089959	3.23E-06	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL		610888	4090212	3.18E-06	3.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL		610388	4090112	3.17E-06	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		610438	4090012	3.17E-06	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL		610938	4090062	3.16E-06	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL		610949.94	4089967	2.97E-06	2.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL		610838	4090312	2.90E-06	2.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL		610938	4090112	2.84E-06	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL		610888	4090262	2.84E-06	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL		610388	4090062	2.69E-06	2.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL		610938	4090162	2.64E-06	2.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL		610938	4090212	2.47E-06	2.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL		610888	4090312	2.46E-06	2.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL		610838	4090362	2.36E-06	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL		610338	4090112	2.30E-06	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		610388	4090012	2.30E-06	2.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL		610938	4090262	2.28E-06	2.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		610988	4090012	2.14E-06	2.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL		610988	4090062	2.13E-06	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL		610888	4090362	2.09E-06	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL		610988	4090112	2.08E-06	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL		610938	4090312	2.06E-06	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL		610988	4090162	2.02E-06	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL		610338	4090062	1.99E-06	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL		610838	4090412	1.95E-06	1.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

128	ALL	610988	4090212	1.94E-06	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	610388	4089962	1.93E-06	1.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	610413.79	4089916	1.86E-06	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	610988	4090262	1.83E-06	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	610938	4090362	1.81E-06	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	610888	4090412	1.77E-06	1.77E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	610288	4090112	1.76E-06	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	610338	4090012	1.75E-06	1.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	610988	4090312	1.70E-06	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	610394.73	4090395	1.68E-06	1.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	610838	4090462	1.64E-06	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	610388	4089912	1.61E-06	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	610363.15	4090393	1.59E-06	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	611038	4090162	1.57E-06	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	610938	4090412	1.57E-06	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	611038	4090112	1.57E-06	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	610288	4090062	1.56E-06	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	610988	4090362	1.55E-06	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	611038	4090212	1.54E-06	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	610224.2	4090221	1.53E-06	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	610395.11	4090413	1.53E-06	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	611038	4090062	1.52E-06	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	610388	4090412	1.52E-06	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	610338	4089962	1.51E-06	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	610888	4090462	1.51E-06	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	610224.2	4090198	1.51E-06	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	611038	4090262	1.48E-06	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	610253.6	4090118	1.47E-06	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	611038	4090312	1.41E-06	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	610288	4090012	1.40E-06	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	610393.17	4090431	1.39E-06	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	610438	4089812	1.38E-06	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	610988	4090412	1.38E-06	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	610315.78	4090393	1.38E-06	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	610216.83	4090251	1.38E-06	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	610388	4089862	1.36E-06	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	610938	4090462	1.35E-06	1.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	610338	4090412	1.33E-06	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	611038	4090362	1.32E-06	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	610840.36	4090524	1.32E-06	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	610338	4089912	1.30E-06	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	610238	4090112	1.28E-06	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	610888	4090512	1.28E-06	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	610287.36	4090386	1.28E-06	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	610393.82	4090452	1.27E-06	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

73	ALL	610288	4089962	1.24E-06	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	611088	4090212	1.23E-06	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	611088	4090162	1.23E-06	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	611038	4090412	1.23E-06	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	610988	4090462	1.23E-06	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	611088	4090262	1.21E-06	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	610207.36	4090274	1.20E-06	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	611088	4090112	1.20E-06	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	610388	4090462	1.20E-06	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	610788	4090562	1.20E-06	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	610391.23	4090466	1.19E-06	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	611088	4090312	1.18E-06	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	610238	4090062	1.17E-06	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL	610438	4089762	1.16E-06	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	610938	4090512	1.16E-06	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL	610388	4089812	1.16E-06	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	610838	4090562	1.16E-06	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	611088	4090362	1.15E-06	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	611088	4090062	1.15E-06	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL	610488	4089712	1.14E-06	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	611038	4090462	1.13E-06	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	610338	4089862	1.12E-06	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	611088	4090412	1.09E-06	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	610288	4089912	1.09E-06	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	610888	4090562	1.09E-06	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	610188	4090212	1.09E-06	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	610288	4090412	1.09E-06	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	610988	4090512	1.08E-06	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	610390.59	4090488	1.08E-06	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	610238	4090012	1.08E-06	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	610188	4090162	1.07E-06	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	610241.04	4090379	1.04E-06	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	610198.94	4090301	1.04E-06	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	610188	4090262	1.02E-06	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	610338	4090462	1.02E-06	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	611088	4090462	1.01E-06	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	610388	4090504	1.01E-06	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	611038	4090512	1.01E-06	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	610938	4090562	1.00E-06	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL	610388	4089762	9.96E-07	9.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL	610438	4089712	9.90E-07	9.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	610212.62	4090353	9.83E-07	9.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	610338	4089812	9.77E-07	9.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	610188	4090112	9.75E-07	9.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL	610488	4089662	9.70E-07	9.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

72	ALL	610238	4089962	9.55E-07	9.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	610288	4089862	9.51E-07	9.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	610988	4090562	9.50E-07	9.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL	610538	4089612	9.48E-07	9.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	610386.7	4090523	9.40E-07	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	610188	4090312	9.16E-07	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	611088	4090512	9.16E-07	9.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	610188	4090062	9.07E-07	9.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	611038	4090562	8.84E-07	8.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	610238	4089912	8.76E-07	8.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	610238	4090412	8.73E-07	8.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL	610388	4089712	8.66E-07	8.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	610788	4090662	8.59E-07	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL	610338	4089762	8.59E-07	8.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL	610438	4089662	8.54E-07	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	610288	4090462	8.50E-07	8.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	610688	4090662	8.47E-07	8.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	610188	4090012	8.42E-07	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	610338	4090512	8.41E-07	8.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL	610488	4089612	8.40E-07	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	611188	4090262	8.39E-07	8.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	610288	4089812	8.35E-07	8.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	611188	4090362	8.27E-07	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	610388	4090562	8.26E-07	8.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL	610538	4089562	8.23E-07	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	611088	4090562	8.17E-07	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	610188	4090362	8.13E-07	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	610238	4089862	8.00E-07	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	610888	4090662	7.98E-07	7.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	611188	4090162	7.96E-07	7.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	610138	4090162	7.94E-07	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	611188	4090462	7.86E-07	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	610588	4090662	7.86E-07	7.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	610188	4089962	7.79E-07	7.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	610138	4090112	7.77E-07	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	610138	4090212	7.75E-07	7.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL	610338	4089712	7.62E-07	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL	610388	4089662	7.58E-07	7.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL	610438	4089612	7.44E-07	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL	610288	4089762	7.44E-07	7.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	610138	4090062	7.39E-07	7.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL	610488	4089562	7.37E-07	7.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	610188	4089912	7.34E-07	7.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	610546.31	4090670	7.22E-07	7.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	610238	4089812	7.20E-07	7.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

366	ALL	610988	4090662	7.18E-07	7.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	610338	4090562	7.17E-07	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	610138	4090262	7.16E-07	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	610288	4090512	7.09E-07	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	610188	4090412	7.09E-07	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	610238	4090462	7.08E-07	7.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	610138	4090012	6.98E-07	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	610588	4089462	6.93E-07	6.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	611188	4090562	6.85E-07	6.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL	610188	4089862	6.80E-07	6.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL	610338	4089662	6.79E-07	6.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL	610288	4089712	6.70E-07	6.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL	610388	4089612	6.69E-07	6.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	610138	4089962	6.61E-07	6.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL	610438	4089562	6.59E-07	6.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	610138	4090312	6.53E-07	6.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL	610238	4089762	6.48E-07	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	610688	4090762	6.35E-07	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	611088	4090662	6.35E-07	6.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	610088	4090112	6.34E-07	6.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	610138	4089912	6.30E-07	6.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	610088	4090162	6.28E-07	6.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL	610188	4089812	6.24E-07	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	610788	4090762	6.22E-07	6.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	610088	4090062	6.15E-07	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	610138	4090362	6.13E-07	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	610288	4090562	6.13E-07	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	610388	4090662	6.09E-07	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	610338	4089612	6.09E-07	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	611288	4090362	6.09E-07	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	610288	4089662	6.07E-07	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	610888	4090762	6.06E-07	6.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	610088	4090212	6.02E-07	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	610415.81	4090675	6.02E-07	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	610188	4090462	6.02E-07	6.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	610238	4090512	6.00E-07	6.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL	610388	4089562	5.97E-07	5.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	611288	4090462	5.93E-07	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	611288	4090262	5.93E-07	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	610088	4090012	5.89E-07	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	610588	4090762	5.89E-07	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	610138	4089862	5.89E-07	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL	610238	4089712	5.88E-07	5.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	610488	4089462	5.84E-07	5.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	610088	4089962	5.68E-07	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

41	ALL	610188	4089762	5.67E-07	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	610138	4090412	5.67E-07	5.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	611188	4090662	5.61E-07	5.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	610088	4090262	5.59E-07	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	611288	4090562	5.57E-07	5.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	610588	4089362	5.55E-07	5.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL	610288	4089612	5.54E-07	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	611288	4090162	5.51E-07	5.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	610088	4089912	5.48E-07	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL	610338	4089562	5.48E-07	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	610138	4089812	5.46E-07	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	610988	4090762	5.43E-07	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL	610238	4089662	5.39E-07	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	610673.58	4089290	5.30E-07	5.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	610238	4090562	5.26E-07	5.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	610188	4090512	5.19E-07	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL	610188	4089712	5.19E-07	5.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	610088	4089862	5.18E-07	5.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	610088	4090312	5.12E-07	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	610488	4090762	5.12E-07	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	610138	4090462	5.11E-07	5.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL	610288	4089562	5.05E-07	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	610688	4089262	5.04E-07	5.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL	610138	4089762	5.02E-07	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL	610238	4089612	4.97E-07	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	610288	4090662	4.95E-07	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	611088	4089162	4.91E-07	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	611088	4090762	4.91E-07	4.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	610388	4089462	4.90E-07	4.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	611288	4090662	4.89E-07	4.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	610988	4089162	4.88E-07	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	610688	4090862	4.87E-07	4.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	610088	4089812	4.83E-07	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	610088	4090362	4.81E-07	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL	610188	4089662	4.78E-07	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	610788	4090862	4.76E-07	4.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	610488	4089362	4.75E-07	4.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	610888	4090862	4.72E-07	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	610388	4090762	4.67E-07	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL	610138	4089712	4.62E-07	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	610188	4090562	4.61E-07	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL	610238	4089562	4.60E-07	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	610588	4089262	4.59E-07	4.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	610088	4090412	4.57E-07	4.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	610588	4090862	4.54E-07	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

185	ALL	610138	4090512	4.54E-07	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	609988	4090062	4.53E-07	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	609988	4090162	4.50E-07	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	611388	4090462	4.49E-07	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	610888	4089162	4.49E-07	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL	610088	4089762	4.49E-07	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	611188	4090762	4.48E-07	4.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	611388	4090362	4.45E-07	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL	610188	4089612	4.45E-07	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	611206.21	4089156	4.37E-07	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	611388	4090562	4.37E-07	4.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	610088	4090462	4.36E-07	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL	610138	4089662	4.28E-07	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	610788	4089162	4.28E-07	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	611388	4090262	4.26E-07	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	610988	4090862	4.26E-07	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	610288	4089462	4.23E-07	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	609988	4089962	4.22E-07	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	611088	4089062	4.22E-07	4.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	610688	4089162	4.20E-07	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	611288	4090762	4.18E-07	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL	610188	4089562	4.17E-07	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL	610088	4089712	4.17E-07	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	610288	4090762	4.08E-07	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	610388	4089362	4.08E-07	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	609988	4089862	4.07E-07	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	611388	4090662	4.07E-07	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	610138	4090562	4.06E-07	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	610988	4089062	4.03E-07	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	610488	4090862	4.03E-07	4.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL	610138	4089612	4.00E-07	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	610088	4090512	4.00E-07	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	609988	4090262	4.00E-07	4.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	611188	4089062	3.98E-07	3.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	610488	4089262	3.95E-07	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	611088	4090862	3.91E-07	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	610588	4089162	3.89E-07	3.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL	610088	4089662	3.88E-07	3.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	609888	4090062	3.80E-07	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL	610138	4089562	3.77E-07	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	610188	4090662	3.76E-07	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	610688	4090962	3.76E-07	3.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	610788	4090962	3.75E-07	3.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	610888	4089062	3.72E-07	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	610888	4090962	3.69E-07	3.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

195	ALL	610088	4090562	3.65E-07	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	609988	4089762	3.65E-07	3.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	610188	4089462	3.64E-07	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	611388	4090762	3.64E-07	3.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	611188	4090862	3.63E-07	3.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL	610088	4089612	3.62E-07	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	609888	4089962	3.62E-07	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	610788	4089062	3.61E-07	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	610288	4089362	3.61E-07	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	610388	4090862	3.60E-07	3.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	610688	4089062	3.58E-07	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	610588	4090962	3.58E-07	3.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	611288	4090862	3.54E-07	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	611488	4090562	3.54E-07	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	611488	4090462	3.52E-07	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	609888	4090162	3.50E-07	3.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	611488	4090662	3.43E-07	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	610388	4089262	3.43E-07	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	611488	4090362	3.43E-07	3.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	610988	4090962	3.42E-07	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	609988	4090362	3.42E-07	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	610088	4089562	3.42E-07	3.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	610488	4089162	3.38E-07	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	611288	4089062	3.37E-07	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	610588	4089062	3.34E-07	3.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	609888	4089862	3.33E-07	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	610188	4090762	3.30E-07	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	610288	4090862	3.28E-07	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	611488	4090262	3.26E-07	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	609988	4089662	3.26E-07	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	611088	4090962	3.20E-07	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	611488	4090762	3.20E-07	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	610488	4090962	3.20E-07	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	610188	4089362	3.19E-07	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	609988	4090462	3.18E-07	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	611388	4090862	3.17E-07	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	610688	4091062	3.16E-07	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	609888	4090262	3.15E-07	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	609788	4090062	3.11E-07	3.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	609788	4090162	3.10E-07	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	610288	4089262	3.09E-07	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	610088	4089462	3.09E-07	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	610788	4091062	3.04E-07	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	611188	4090962	3.03E-07	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	610088	4090662	3.03E-07	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

290	ALL	609888	4089762	3.02E-07	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	610888	4091062	3.00E-07	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	609788	4089962	2.98E-07	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	611288	4090962	2.97E-07	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	610388	4089162	2.95E-07	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	610488	4089062	2.95E-07	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	610388	4090962	2.95E-07	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	609988	4089562	2.90E-07	2.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	609988	4090562	2.89E-07	2.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	611488	4090862	2.88E-07	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	611588	4090562	2.88E-07	2.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	611588	4090662	2.87E-07	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	610588	4091062	2.85E-07	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	610188	4089262	2.82E-07	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	610988	4091062	2.82E-07	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	611588	4090462	2.82E-07	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	610188	4090862	2.81E-07	2.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	610088	4089362	2.79E-07	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	609788	4089862	2.78E-07	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	611588	4090762	2.78E-07	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	609888	4089662	2.77E-07	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	611388	4090962	2.74E-07	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	611588	4090362	2.72E-07	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	609888	4090362	2.71E-07	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	611088	4091062	2.68E-07	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	610288	4090962	2.67E-07	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	610288	4089162	2.67E-07	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	609788	4090262	2.66E-07	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	610088	4090762	2.63E-07	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	609988	4089462	2.63E-07	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	609688	4090162	2.63E-07	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	609688	4090062	2.61E-07	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	611588	4090862	2.60E-07	2.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	610388	4089062	2.59E-07	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	609788	4089762	2.56E-07	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	611188	4091062	2.56E-07	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	611288	4091062	2.56E-07	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	609988	4090662	2.55E-07	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	611488	4090962	2.55E-07	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	610488	4091062	2.55E-07	2.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	609888	4089562	2.53E-07	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	610088	4089262	2.53E-07	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	609688	4089962	2.51E-07	2.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	610188	4089162	2.49E-07	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	609688	4090262	2.47E-07	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

336	ALL	609888	4090462	2.45E-07	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	610188	4090962	2.44E-07	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	609988	4089362	2.42E-07	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	610388	4091062	2.42E-07	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	611388	4091062	2.39E-07	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	609888	4090562	2.38E-07	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	610088	4090862	2.37E-07	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	609688	4089862	2.37E-07	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	609788	4089662	2.37E-07	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	611588	4090962	2.36E-07	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	610288	4089062	2.34E-07	2.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	609788	4090362	2.31E-07	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	610088	4089162	2.31E-07	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	609888	4089462	2.30E-07	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	610288	4091062	2.28E-07	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	609588	4090162	2.27E-07	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	609588	4090062	2.24E-07	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	609988	4090762	2.24E-07	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	611488	4091062	2.24E-07	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	609988	4089262	2.24E-07	2.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	609788	4089562	2.22E-07	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	609688	4089762	2.21E-07	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	609688	4090362	2.20E-07	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	610188	4089062	2.19E-07	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	609888	4090662	2.19E-07	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	609588	4090262	2.17E-07	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	609588	4089962	2.16E-07	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	610088	4090962	2.15E-07	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	610188	4091062	2.13E-07	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	609888	4089362	2.12E-07	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	611588	4091062	2.11E-07	2.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	610088	4089062	2.08E-07	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	609988	4089162	2.08E-07	2.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	609688	4089662	2.06E-07	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	609788	4089462	2.05E-07	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	609788	4090462	2.05E-07	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	609588	4089862	2.04E-07	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	609988	4090862	2.00E-07	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	609888	4089262	1.98E-07	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	609888	4090762	1.97E-07	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	609688	4090462	1.97E-07	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	609588	4090362	1.96E-07	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	610088	4091062	1.94E-07	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	609688	4089562	1.94E-07	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	609788	4090562	1.94E-07	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

213	ALL	609988	4089062	1.93E-07	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	609588	4089762	1.91E-07	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	609788	4089362	1.90E-07	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	609788	4090662	1.89E-07	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	609888	4089162	1.86E-07	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	609988	4090962	1.84E-07	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	609688	4089462	1.84E-07	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	611849.26	4088791	1.83E-07	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	609588	4089662	1.82E-07	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	609688	4090562	1.78E-07	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	609888	4090862	1.77E-07	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	609788	4089262	1.77E-07	1.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	609588	4090462	1.76E-07	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	609888	4089062	1.76E-07	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	609788	4090762	1.75E-07	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	609588	4089562	1.73E-07	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	609988	4091062	1.73E-07	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	609688	4089362	1.73E-07	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	609788	4089162	1.66E-07	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	609588	4089462	1.66E-07	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	609588	4090562	1.63E-07	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	609688	4090662	1.63E-07	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	609688	4089262	1.61E-07	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	609788	4090862	1.61E-07	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	609888	4090962	1.60E-07	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	609788	4089062	1.58E-07	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	609588	4089362	1.58E-07	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	609688	4090762	1.57E-07	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	609588	4090662	1.56E-07	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	609688	4089162	1.51E-07	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	609888	4091062	1.50E-07	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	609588	4089262	1.49E-07	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	609788	4090962	1.47E-07	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	609688	4090862	1.46E-07	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	609688	4089062	1.43E-07	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	609588	4090762	1.41E-07	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	609588	4089162	1.39E-07	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	609688	4091062	1.38E-07	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	609688	4090962	1.36E-07	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	609788	4091062	1.35E-07	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	609588	4090862	1.35E-07	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	609588	4090962	1.32E-07	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	609588	4089062	1.31E-07	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	609588	4091062	1.29E-07	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	612263.93	4090647	1.07E-07	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

476	ALL	612492.52	4089832	9.45E-08	9.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Seahawk Energy Storage Facility Project

HARP2 Summation - Chronic Risk - Unmitigated Construction and Decommissioning - Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
481	ALL		634088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
469	ALL		633488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-02
94	ALL		614738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-03
470	ALL		633538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-03
107	ALL		615388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03
106	ALL		615338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-03
93	ALL		614688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-03
471	ALL		633588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03
116	ALL		615838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-03
95	ALL		614788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-03
125	ALL		616288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-03
105	ALL		615288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-03
480	ALL		634038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-03
108	ALL		615438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03
134	ALL		616738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
92	ALL		614638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-03
83	ALL		614188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-03
466	ALL		633338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-03
117	ALL		615888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-03
467	ALL		633388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
126	ALL		616338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03
458	ALL		632938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03
84	ALL		614238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-03
143	ALL		617188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-03
465	ALL		633288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03
457	ALL		632888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-03
104	ALL		615238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-03
135	ALL		616788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-03
479	ALL		633988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03
459	ALL		632988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
96	ALL		614838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
91	ALL		614588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03
82	ALL		614138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-03
164	ALL		618238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-03
491	ALL		634588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
460	ALL		633038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
478	ALL		633938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03
109	ALL		615488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-03
144	ALL		617238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
464	ALL		633238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03
152	ALL		617638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03
163	ALL		618188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
468	ALL		633438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
118	ALL		615938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
127	ALL		616388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
490	ALL		634538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-03
136	ALL		616838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03
90	ALL		614538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
153	ALL		617688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
75	ALL		613788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
81	ALL		614088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
165	ALL		618288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-03
145	ALL		617288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-03
124	ALL		616238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
463	ALL		633188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
103	ALL		615188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03

489	ALL	634488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
162	ALL	618138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-03
133	ALL	616688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-03
461	ALL	633088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
472	ALL	633638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
177	ALL	618888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
166	ALL	618338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
154	ALL	617738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-03
97	ALL	614888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
110	ALL	615538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
85	ALL	614288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
462	ALL	633138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
488	ALL	634438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-03
119	ALL	615988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
128	ALL	616438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
115	ALL	615788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
178	ALL	618938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
80	ALL	614038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
137	ALL	616888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
74	ALL	613738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-03
68	ALL	613438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
142	ALL	617138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-03
146	ALL	617338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
176	ALL	618838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
167	ALL	618388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-03
179	ALL	618988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
487	ALL	634388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
89	ALL	614488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
155	ALL	617788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
161	ALL	618088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
486	ALL	634338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
73	ALL	613688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
482	ALL	634138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
102	ALL	615138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
67	ALL	613388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
168	ALL	618438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
180	ALL	619038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
129	ALL	616488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
120	ALL	616038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
61	ALL	613088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
151	ALL	617588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
138	ALL	616938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
111	ALL	615588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
175	ALL	618788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
54	ALL	612738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
190	ALL	619538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
147	ALL	617388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
79	ALL	613988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
485	ALL	634288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
202	ALL	620138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
98	ALL	614938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
156	ALL	617838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
203	ALL	620188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
181	ALL	619088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
123	ALL	616188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
189	ALL	619488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
169	ALL	618488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03
191	ALL	619588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
66	ALL	613338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
88	ALL	614438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03

114	ALL	615738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
132	ALL	616638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
204	ALL	620238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
60	ALL	613038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
53	ALL	612688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
182	ALL	619138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
192	ALL	619638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
46	ALL	612338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
148	ALL	617438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
157	ALL	617888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
139	ALL	616988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
72	ALL	613638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
160	ALL	618038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
201	ALL	620088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
130	ALL	616538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
174	ALL	618738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
121	ALL	616088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
170	ALL	618538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
38	ALL	611938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
205	ALL	620288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
101	ALL	615088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
112	ALL	615638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
141	ALL	617088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
193	ALL	619688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
188	ALL	619438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
183	ALL	619188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
78	ALL	613938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
59	ALL	612988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
206	ALL	620338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
52	ALL	612638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
99	ALL	614988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
200	ALL	620038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
65	ALL	613288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
45	ALL	612288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
363	ALL	628188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
364	ALL	628238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
37	ALL	611888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
194	ALL	619738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
150	ALL	617538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
87	ALL	614388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
207	ALL	620388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
362	ALL	628138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
29	ALL	611488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
71	ALL	613588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
173	ALL	618688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
20	ALL	611038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
122	ALL	616138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
365	ALL	628288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
51	ALL	612588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
58	ALL	612938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
483	ALL	634188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
113	ALL	615688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
187	ALL	619388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
44	ALL	612238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
208	ALL	620438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
199	ALL	619988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
36	ALL	611838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
77	ALL	613888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
131	ALL	616588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
159	ALL	617988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03

100	ALL	615038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
64	ALL	613238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
28	ALL	611438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
328	ALL	626438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
19	ALL	610988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
338	ALL	626938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
366	ALL	628338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
319	ALL	625988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
361	ALL	628088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
70	ALL	613538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
10	ALL	610538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
43	ALL	612188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
50	ALL	612538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
35	ALL	611788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
140	ALL	617038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
484	ALL	634238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
86	ALL	614338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
57	ALL	612888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
27	ALL	611388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
186	ALL	619338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
198	ALL	619938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
172	ALL	618638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
312	ALL	625638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
384	ALL	629238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
18	ALL	610938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
348	ALL	627438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
63	ALL	613188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
385	ALL	629288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
76	ALL	613838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
9	ALL	610488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
149	ALL	617488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
383	ALL	629188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
34	ALL	611738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
367	ALL	628388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
42	ALL	612138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
26	ALL	611338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
386	ALL	629338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
49	ALL	612488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
69	ALL	613488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
17	ALL	610888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
56	ALL	612838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.86E-04
276	ALL	623838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-04
158	ALL	617938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04
360	ALL	628038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04
8	ALL	610438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04
197	ALL	619888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
185	ALL	619288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
382	ALL	629138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04
62	ALL	613138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04
25	ALL	611288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04
33	ALL	611688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04
16	ALL	610838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04
387	ALL	629388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
41	ALL	612088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-04
368	ALL	628438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04
171	ALL	618588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.10E-04
339	ALL	626988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-04
329	ALL	626488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.97E-04
48	ALL	612438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-04
7	ALL	610388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-04

381	ALL	629088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-04
311	ALL	625588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04
55	ALL	612788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-04
349	ALL	627488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
320	ALL	626038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-04
15	ALL	610788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04
405	ALL	630288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04
275	ALL	623788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-04
24	ALL	611238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
196	ALL	619838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
6	ALL	610338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
388	ALL	629438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-04
318	ALL	625938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-04
406	ALL	630338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04
32	ALL	611638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04
306	ALL	625338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04
184	ALL	619238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
40	ALL	612038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04
407	ALL	630388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-04
404	ALL	630238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
47	ALL	612388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-04
265	ALL	623288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
313	ALL	625688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-04
369	ALL	628488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04
5	ALL	610288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
380	ALL	629038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-04
14	ALL	610738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-04
473	ALL	633688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
23	ALL	611188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04
389	ALL	629488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
403	ALL	630188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
359	ALL	627988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04
31	ALL	611588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-04
301	ALL	625088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.32E-04
274	ALL	623738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
408	ALL	630438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
39	ALL	611988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-04
195	ALL	619788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
254	ALL	622738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
4	ALL	610238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04
327	ALL	626388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
13	ALL	610688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-04
264	ALL	623238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04
296	ALL	624838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
390	ALL	629538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
340	ALL	627038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04
22	ALL	611138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
350	ALL	627538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
402	ALL	630138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
241	ALL	622088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04
305	ALL	625288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
30	ALL	611538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
409	ALL	630488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
242	ALL	622138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-04
330	ALL	626538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
426	ALL	631338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-04
253	ALL	622688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
427	ALL	631388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
310	ALL	625538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04
273	ALL	623688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04

3	ALL	610188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04
370	ALL	628538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04
428	ALL	631438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
240	ALL	622038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.36E-04
425	ALL	631288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
337	ALL	626888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.28E-04
12	ALL	610638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
321	ALL	626088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
379	ALL	628988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
410	ALL	630538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
21	ALL	611088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04
300	ALL	625038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
239	ALL	621988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
317	ALL	625888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
263	ALL	623188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
401	ALL	630088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
291	ALL	624588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
238	ALL	621938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
474	ALL	633738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
429	ALL	631488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-04
411	ALL	630588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
358	ALL	627938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-04
391	ALL	629588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
424	ALL	631238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
2	ALL	610138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
224	ALL	621238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
252	ALL	622638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
11	ALL	610588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-04
223	ALL	621188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
272	ALL	623638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
237	ALL	621888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
347	ALL	627388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
295	ALL	624788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
309	ALL	625488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.52E-04
430	ALL	631538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
262	ALL	623138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
447	ALL	632388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
351	ALL	627588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
423	ALL	631188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
225	ALL	621288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
371	ALL	628588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
304	ALL	625238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
222	ALL	621138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-04
341	ALL	627088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
1	ALL	610088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
286	ALL	624338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-04
448	ALL	632438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
326	ALL	626338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-04
221	ALL	621088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
431	ALL	631588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
412	ALL	630638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
449	ALL	632488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
251	ALL	622588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
331	ALL	626588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-04
220	ALL	621038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
392	ALL	629638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
400	ALL	630038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
299	ALL	624988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
446	ALL	632338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
432	ALL	631638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04

378	ALL	628938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
290	ALL	624538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
316	ALL	625838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
236	ALL	621838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
422	ALL	631138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
450	ALL	632538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
261	ALL	623088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
322	ALL	626138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
357	ALL	627888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
219	ALL	620988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
271	ALL	623588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
250	ALL	622538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.71E-04
413	ALL	630688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
445	ALL	632288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-04
226	ALL	621338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
336	ALL	626838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
281	ALL	624088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
451	ALL	632588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
294	ALL	624738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
433	ALL	631688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
308	ALL	625438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04
285	ALL	624288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
372	ALL	628638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04
444	ALL	632238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
303	ALL	625188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
346	ALL	627338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
352	ALL	627638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
235	ALL	621788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
315	ALL	625788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
452	ALL	632638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
393	ALL	629688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
325	ALL	626288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
421	ALL	631088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-04
399	ALL	629988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
453	ALL	632688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
218	ALL	620938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
342	ALL	627138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
249	ALL	622488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
260	ALL	623038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
434	ALL	631738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
298	ALL	624938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
289	ALL	624488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
377	ALL	628888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
414	ALL	630738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
443	ALL	632188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
270	ALL	623538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-04
332	ALL	626638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
280	ALL	624038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
234	ALL	621738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
454	ALL	632738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.03E-04
356	ALL	627838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
324	ALL	626238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-04
293	ALL	624688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
217	ALL	620888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-04
307	ALL	625388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
435	ALL	631788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
420	ALL	631038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
284	ALL	624238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
248	ALL	622438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
233	ALL	621688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04

335	ALL	626788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
302	ALL	625138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
442	ALL	632138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
314	ALL	625738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
455	ALL	632788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
259	ALL	622988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
398	ALL	629938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
269	ALL	623488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
288	ALL	624438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
297	ALL	624888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
216	ALL	620838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
376	ALL	628838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
279	ALL	623988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
345	ALL	627288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
334	ALL	626738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
456	ALL	632838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
323	ALL	626188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
232	ALL	621638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
355	ALL	627788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
441	ALL	632088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
247	ALL	622388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
292	ALL	624638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
215	ALL	620788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
258	ALL	622938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
419	ALL	630988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
283	ALL	624188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
268	ALL	623438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
397	ALL	629888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
344	ALL	627238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
214	ALL	620738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
375	ALL	628788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
231	ALL	621588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
287	ALL	624388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
333	ALL	626688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
278	ALL	623938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
246	ALL	622338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
440	ALL	632038	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
257	ALL	622888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
282	ALL	624138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
267	ALL	623388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
354	ALL	627738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
418	ALL	630938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
213	ALL	620688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
343	ALL	627188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
396	ALL	629838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
230	ALL	621538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
245	ALL	622288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
374	ALL	628738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
277	ALL	623888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
256	ALL	622838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
353	ALL	627688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
439	ALL	631988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
475	ALL	633788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
212	ALL	620638	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
266	ALL	623338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
417	ALL	630888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
229	ALL	621488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
395	ALL	629788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
244	ALL	622238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
255	ALL	622788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04

373	ALL	628688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
211	ALL	620588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
438	ALL	631938	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
437	ALL	631888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
228	ALL	621438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
416	ALL	630838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
243	ALL	622188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
394	ALL	629738	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
415	ALL	630788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
210	ALL	620538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
436	ALL	631838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
227	ALL	621388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
209	ALL	620488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
477	ALL	633888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
476	ALL	633838	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04

Cancer Risk - Equipment and Trucks During Construction

*HARP - HRACalc v22118 9/26/2024 1:53:43 PM - Cancer Risk - Input File: C:\Users\mmorales\OneDrive - Dudek\14713.51 90 Minto Road Seahawk Project\AQ Data\SEAHAWK_ONSITE_UNM\hra\Seahawk BESS Onsite Construction Unm HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		610088	4089562	2.82E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		610138	4089562	3.13E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		610188	4089562	3.49E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		610238	4089562	3.87E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		610288	4089562	4.28E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		610338	4089562	4.69E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		610388	4089562	5.16E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		610438	4089562	5.76E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		610488	4089562	6.51E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		610538	4089562	7.33E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		610088	4089612	2.97E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		610138	4089612	3.30E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		610188	4089612	3.71E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		610238	4089612	4.17E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		610288	4089612	4.69E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		610338	4089612	5.20E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		610388	4089612	5.78E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		610438	4089612	6.50E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		610488	4089612	7.42E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		610538	4089612	8.46E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		610088	4089662	3.16E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		610138	4089662	3.52E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		610188	4089662	3.96E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		610238	4089662	4.50E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		610288	4089662	5.12E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		610338	4089662	5.79E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		610388	4089662	6.54E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		610438	4089662	7.46E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		610488	4089662	8.58E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		610088	4089712	3.37E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		610138	4089712	3.77E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		610188	4089712	4.26E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		610238	4089712	4.88E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		610288	4089712	5.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		610338	4089712	6.48E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		610388	4089712	7.47E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		610438	4089712	8.64E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		610488	4089712	1.01E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		610088	4089762	3.59E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		610138	4089762	4.06E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		610188	4089762	4.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		610238	4089762	5.33E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		610288	4089762	6.19E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		610338	4089762	7.27E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		610388	4089762	8.56E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		610438	4089762	1.01E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		610088	4089812	3.82E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		610138	4089812	4.36E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		610188	4089812	5.03E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		610238	4089812	5.85E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		610288	4089812	6.89E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		610338	4089812	8.21E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		610388	4089812	9.92E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		610438	4089812	1.21E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		610088	4089862	4.04E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		610138	4089862	4.63E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

57	ALL	610188	4089862	5.39E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	610238	4089862	6.39E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	610288	4089862	7.73E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	610338	4089862	9.32E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	610388	4089862	1.16E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	610088	4089912	4.20E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	610138	4089912	4.85E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	610188	4089912	5.70E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	610238	4089912	6.83E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	610288	4089912	8.67E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	610338	4089912	1.06E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	610388	4089912	1.36E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	610088	4089962	4.23E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	610138	4089962	4.94E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	610188	4089962	5.86E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	610238	4089962	7.24E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	610288	4089962	9.58E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	610338	4089962	1.21E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	610388	4089962	1.59E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	610088	4090012	4.29E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	610138	4090012	5.05E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	610188	4090012	6.10E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	610238	4090012	7.85E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	610288	4090012	1.04E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	610338	4090012	1.34E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	610388	4090012	1.83E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	610438	4090012	2.66E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	610938	4090012	3.33E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	610988	4090012	2.02E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	610088	4090062	4.35E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	610138	4090062	5.15E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	610188	4090062	6.23E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	610238	4090062	8.00E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	610288	4090062	1.07E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	610338	4090062	1.41E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	610388	4090062	2.01E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	610438	4090062	3.19E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	610838	4090062	7.57E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	610888	4090062	4.68E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	610938	4090062	2.98E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	610988	4090062	1.98E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	611038	4090062	1.40E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	611088	4090062	1.04E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	610088	4090112	4.29E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	610138	4090112	5.12E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	610188	4090112	6.17E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	610238	4090112	7.77E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	610288	4090112	1.05E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	610338	4090112	1.39E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	610388	4090112	2.06E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	610838	4090112	5.78E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	610888	4090112	3.78E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	610938	4090112	2.62E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	610988	4090112	1.90E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	611038	4090112	1.42E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	611088	4090112	1.07E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	610088	4090162	4.01E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	610138	4090162	4.81E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	610188	4090162	5.96E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

116	ALL	610838	4090162	4.45E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	610888	4090162	3.16E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	610938	4090162	2.36E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	610988	4090162	1.80E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	611038	4090162	1.39E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	611088	4090162	1.08E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	610088	4090212	3.61E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	610138	4090212	4.30E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	610188	4090212	5.27E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	610838	4090212	3.51E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	610888	4090212	2.72E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	610938	4090212	2.13E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	610988	4090212	1.67E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	611038	4090212	1.32E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	611088	4090212	1.06E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	610088	4090262	3.23E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	610138	4090262	3.80E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	610188	4090262	4.67E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	610838	4090262	2.83E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	610888	4090262	2.31E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	610938	4090262	1.88E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	610988	4090262	1.52E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	611038	4090262	1.24E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	611088	4090262	1.01E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	610088	4090312	2.96E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	610138	4090312	3.51E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	610188	4090312	4.35E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	610838	4090312	2.27E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	610888	4090312	1.94E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	610938	4090312	1.63E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	610988	4090312	1.36E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	611038	4090312	1.14E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	611088	4090312	9.58E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	610088	4090362	2.84E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	610138	4090362	3.46E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	610188	4090362	4.19E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	610838	4090362	1.81E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	610888	4090362	1.60E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	610938	4090362	1.39E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	610988	4090362	1.20E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	611038	4090362	1.03E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	611088	4090362	8.99E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	610088	4090412	2.77E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	610138	4090412	3.32E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	610188	4090412	3.93E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	610238	4090412	4.51E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	610288	4090412	5.27E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	610338	4090412	6.51E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	610388	4090412	8.17E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	610838	4090412	1.47E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	610888	4090412	1.33E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	610938	4090412	1.18E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	610988	4090412	1.04E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	611038	4090412	9.28E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	611088	4090412	8.27E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	610088	4090462	2.71E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	610138	4090462	3.09E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	610188	4090462	3.49E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	610238	4090462	3.96E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

175	ALL	610288	4090462	4.63E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	610338	4090462	5.64E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	610388	4090462	6.97E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	610838	4090462	1.20E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	610888	4090462	1.11E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	610938	4090462	9.98E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	610988	4090462	9.06E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	611038	4090462	8.28E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	611088	4090462	7.46E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	610088	4090512	2.52E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	610138	4090512	2.78E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	610188	4090512	3.10E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	610238	4090512	3.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	610288	4090512	4.11E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	610338	4090512	4.95E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	610888	4090512	9.21E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	610938	4090512	8.43E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	610988	4090512	7.84E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	611038	4090512	7.25E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	611088	4090512	6.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	610088	4090562	2.31E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	610138	4090562	2.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	610188	4090562	2.82E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	610238	4090562	3.20E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	610288	4090562	3.71E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	610338	4090562	4.40E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	610388	4090562	5.16E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	610788	4090562	8.42E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	610838	4090562	8.11E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	610888	4090562	7.70E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	610938	4090562	7.16E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	610988	4090562	6.76E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	611038	4090562	6.27E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	611088	4090562	5.82E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	609588	4089062	1.03E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	609688	4089062	1.14E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	609788	4089062	1.29E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	609888	4089062	1.45E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	609988	4089062	1.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	610088	4089062	1.75E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	610188	4089062	1.84E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	610288	4089062	1.96E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	610388	4089062	2.21E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	610488	4089062	2.57E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	610588	4089062	2.96E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	610688	4089062	3.17E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	610788	4089062	3.18E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	610888	4089062	3.28E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	610988	4089062	3.61E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	611088	4089062	3.82E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	611188	4089062	3.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	611288	4089062	3.03E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	609588	4089162	1.09E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	609688	4089162	1.20E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	609788	4089162	1.34E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	609888	4089162	1.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	609988	4089162	1.74E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	610088	4089162	1.94E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	610188	4089162	2.10E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

234	ALL	610288	4089162	2.25E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	610388	4089162	2.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	610488	4089162	2.95E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	610588	4089162	3.44E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	610688	4089162	3.73E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	610788	4089162	3.79E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	610888	4089162	4.01E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	610988	4089162	4.43E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	611088	4089162	4.49E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	609588	4089262	1.17E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	609688	4089262	1.27E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	609788	4089262	1.42E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	609888	4089262	1.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	609988	4089262	1.86E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	610088	4089262	2.13E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	610188	4089262	2.39E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	610288	4089262	2.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	610388	4089262	2.95E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	610488	4089262	3.46E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	610588	4089262	4.08E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	610688	4089262	4.49E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	609588	4089362	1.25E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	609688	4089362	1.36E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	609788	4089362	1.51E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	609888	4089362	1.72E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	609988	4089362	2.00E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	610088	4089362	2.33E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	610188	4089362	2.69E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	610288	4089362	3.07E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	610388	4089362	3.52E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	610488	4089362	4.18E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	610588	4089362	4.94E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	609588	4089462	1.30E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	609688	4089462	1.46E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	609788	4089462	1.63E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	609888	4089462	1.85E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	609988	4089462	2.15E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	610088	4089462	2.57E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	610188	4089462	3.07E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	610288	4089462	3.59E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	610388	4089462	4.24E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	610488	4089462	5.15E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	610588	4089462	6.19E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	609588	4089562	1.35E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	609688	4089562	1.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	609788	4089562	1.76E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	609888	4089562	2.02E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	609988	4089562	2.35E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	609588	4089662	1.41E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	609688	4089662	1.60E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	609788	4089662	1.86E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	609888	4089662	2.19E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	609988	4089662	2.61E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	609588	4089762	1.45E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	609688	4089762	1.70E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	609788	4089762	1.99E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	609888	4089762	2.37E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	609988	4089762	2.87E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	609588	4089862	1.55E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

293	ALL	609688	4089862	1.81E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	609788	4089862	2.14E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	609888	4089862	2.57E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	609988	4089862	3.15E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	609588	4089962	1.63E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	609688	4089962	1.89E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	609788	4089962	2.25E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	609888	4089962	2.74E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	609988	4089962	3.16E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	609588	4090062	1.67E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	609688	4090062	1.94E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	609788	4090062	2.30E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	609888	4090062	2.79E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	609988	4090062	3.26E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	609588	4090162	1.66E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	609688	4090162	1.92E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	609788	4090162	2.23E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	609888	4090162	2.45E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	609988	4090162	3.05E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	611188	4090162	6.84E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	611288	4090162	4.64E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	609588	4090262	1.55E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	609688	4090262	1.75E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	609788	4090262	1.82E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	609888	4090262	2.09E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	609988	4090262	2.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	611188	4090262	6.95E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	611288	4090262	4.85E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	611388	4090262	3.45E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	611488	4090262	2.61E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	609588	4090362	1.36E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	609688	4090362	1.51E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	609788	4090362	1.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	609888	4090362	1.75E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	609988	4090362	2.14E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	611188	4090362	6.54E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	611288	4090362	4.83E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	611388	4090362	3.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	611488	4090362	2.69E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	611588	4090362	2.12E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	609588	4090462	1.20E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	609688	4090462	1.33E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	609788	4090462	1.35E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	609888	4090462	1.59E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	609988	4090462	2.02E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	611188	4090462	5.89E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	611288	4090462	4.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	611388	4090462	3.46E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	611488	4090462	2.72E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	611588	4090462	2.16E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	609588	4090562	1.10E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	609688	4090562	1.19E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	609788	4090562	1.28E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	609888	4090562	1.56E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	609988	4090562	1.88E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	611188	4090562	4.94E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	611288	4090562	4.09E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	611388	4090562	3.26E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	611488	4090562	2.66E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

352	ALL	611588	4090562	2.17E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	609588	4090662	1.06E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	609688	4090662	1.08E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	609788	4090662	1.26E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	609888	4090662	1.45E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	609988	4090662	1.67E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	610088	4090662	1.93E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	610188	4090662	2.39E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	610288	4090662	3.16E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	610388	4090662	3.91E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	610588	4090662	5.28E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	610688	4090662	5.81E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	610788	4090662	5.86E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	610888	4090662	5.50E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	610988	4090662	4.98E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	611088	4090662	4.42E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	611188	4090662	3.94E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	611288	4090662	3.49E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	611388	4090662	2.95E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	611488	4090662	2.52E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	611588	4090662	2.12E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	609588	4090762	9.40E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	609688	4090762	1.05E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	609788	4090762	1.17E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	609888	4090762	1.31E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	609988	4090762	1.46E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	610088	4090762	1.70E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	610188	4090762	2.16E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	610288	4090762	2.67E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	610388	4090762	3.02E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	610488	4090762	3.32E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	610588	4090762	3.94E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	610688	4090762	4.32E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	610788	4090762	4.18E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	610888	4090762	4.12E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	610988	4090762	3.68E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	611088	4090762	3.33E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	611188	4090762	3.07E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	611288	4090762	2.93E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	611388	4090762	2.58E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	611488	4090762	2.29E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	611588	4090762	2.01E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	609588	4090862	9.00E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	609688	4090862	9.77E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	609788	4090862	1.07E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	609888	4090862	1.17E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	609988	4090862	1.30E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	610088	4090862	1.56E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	610188	4090862	1.87E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	610288	4090862	2.15E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	610388	4090862	2.32E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	610488	4090862	2.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	610588	4090862	3.04E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	610688	4090862	3.30E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	610788	4090862	3.17E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	610888	4090862	3.18E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	610988	4090862	2.85E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	611088	4090862	2.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	611188	4090862	2.44E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

411	ALL	611288	4090862	2.44E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	611388	4090862	2.20E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	611488	4090862	2.03E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	611588	4090862	1.84E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	609588	4090962	8.87E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	609688	4090962	9.12E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	609788	4090962	9.69E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	609888	4090962	1.04E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	609988	4090962	1.21E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	610088	4090962	1.43E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	610188	4090962	1.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	610288	4090962	1.73E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	610388	4090962	1.89E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	610488	4090962	2.06E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	610588	4090962	2.39E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	610688	4090962	2.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	610788	4090962	2.49E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	610888	4090962	2.45E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	610988	4090962	2.27E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	611088	4090962	2.13E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	611188	4090962	2.02E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	611288	4090962	2.02E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	611388	4090962	1.88E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	611488	4090962	1.76E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	611588	4090962	1.65E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	609588	4091062	8.82E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	609688	4091062	9.40E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	609788	4091062	8.84E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	609888	4091062	9.79E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	609988	4091062	1.15E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	610088	4091062	1.30E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	610188	4091062	1.42E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	610288	4091062	1.47E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	610388	4091062	1.54E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	610488	4091062	1.63E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	610588	4091062	1.90E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	610688	4091062	2.14E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	610788	4091062	2.02E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	610888	4091062	1.98E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	610988	4091062	1.86E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	611088	4091062	1.78E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	611188	4091062	1.69E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	611288	4091062	1.73E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	611388	4091062	1.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	611488	4091062	1.53E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	611588	4091062	1.45E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	610394.7	4090395	8.90E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	610363.2	4090393	7.72E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	610315.8	4090393	6.19E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	610287.4	4090386	5.62E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	610241	4090379	4.93E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	610212.6	4090353	4.67E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	610198.9	4090301	4.64E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	610207.4	4090274	4.99E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	610216.8	4090251	5.43E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	610224.2	4090221	6.07E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	610224.2	4090198	6.45E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	610253.6	4090118	8.55E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	610403.6	4090153	2.16E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

470	ALL	610415.2	4090111	2.57E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	610467.5	4090025	3.75E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	610413.8	4089916	1.58E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	610673.6	4089290	4.73E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	611206.2	4089156	3.97E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	611849.3	4088791	1.57E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	612492.5	4089832	7.65E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	612263.9	4090647	7.93E-08	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	610949.9	4089967	2.84E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	610940	4089959	3.10E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	610917	4089999	4.25E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	610813.7	4090073	8.87E-06	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	610840.4	4090524	9.40E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	610546.3	4090670	4.78E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	610415.8	4090675	3.87E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	610386.7	4090523	5.75E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.75E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	610388	4090504	6.12E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	610390.6	4090488	6.48E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	610391.2	4090466	6.97E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	610393.8	4090452	7.36E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	610393.2	4090431	7.84E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	610395.1	4090413	8.40E-07	2.01YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Cancer Risk - Gen-Tie Construction

*HARP - HRACalc v22118 9/26/2024 1:55:30 PM - Cancer Risk - Input File: C:\Users\mmorales\OneDrive - Dudek\14713.51 90 Minto Road Seahawk Project\AQ Data\SEAHAWK_GENTIE_UNM\hra\Seahawk BESS Gen Tie Construction Unm HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
1	ALL		610088	4089562	2.82E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		610138	4089562	3.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		610188	4089562	3.42E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		610238	4089562	3.77E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		610288	4089562	4.13E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		610338	4089562	4.36E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		610388	4089562	4.49E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		610438	4089562	4.63E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		610488	4089562	4.84E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		610538	4089562	5.08E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		610088	4089612	3.12E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		610138	4089612	3.41E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		610188	4089612	3.78E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		610238	4089612	4.21E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		610288	4089612	4.63E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		610338	4089612	4.89E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		610388	4089612	5.06E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		610438	4089612	5.27E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		610488	4089612	5.57E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		610538	4089612	5.82E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		610088	4089662	3.48E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		610138	4089662	3.79E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		610188	4089662	4.24E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		610238	4089662	4.74E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		610288	4089662	5.22E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		610338	4089662	5.55E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		610388	4089662	5.79E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		610438	4089662	6.12E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		610488	4089662	6.48E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		610088	4089712	3.90E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		610138	4089712	4.27E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		610188	4089712	4.80E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		610238	4089712	5.41E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		610288	4089712	5.98E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		610338	4089712	6.40E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		610388	4089712	6.75E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		610438	4089712	7.20E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		610488	4089712	7.64E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		610088	4089762	4.41E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		610138	4089762	4.87E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		610188	4089762	5.53E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		610238	4089762	6.29E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		610288	4089762	6.95E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		610338	4089762	7.47E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		610388	4089762	7.97E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		610438	4089762	8.62E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		610088	4089812	5.00E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		610138	4089812	5.59E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		610188	4089812	6.41E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		610238	4089812	7.42E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		610288	4089812	8.30E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		610338	4089812	8.91E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		610388	4089812	9.64E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		610438	4089812	1.05E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		610088	4089862	5.76E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		610138	4089862	6.57E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

57	ALL	610188	4089862	7.63E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	610238	4089862	9.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	610288	4089862	1.02E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	610338	4089862	1.09E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	610388	4089862	1.20E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	610088	4089912	6.61E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	610138	4089912	7.69E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	610188	4089912	9.02E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	610238	4089912	1.11E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	610288	4089912	1.30E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	610338	4089912	1.39E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	610388	4089912	1.55E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	610088	4089962	7.44E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	610138	4089962	8.99E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	610188	4089962	1.07E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	610238	4089962	1.35E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	610288	4089962	1.69E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	610338	4089962	1.86E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	610388	4089962	2.10E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	610088	4090012	8.28E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	610138	4090012	1.06E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	610188	4090012	1.34E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	610238	4090012	1.78E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	610288	4090012	2.32E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	610338	4090012	2.63E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	610388	4090012	3.00E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	610438	4090012	3.04E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	610938	4090012	4.16E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	610988	4090012	3.46E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	610088	4090062	9.71E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	610138	4090062	1.30E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	610188	4090062	1.76E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	610238	4090062	2.46E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	610288	4090062	3.35E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	610338	4090062	4.04E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	610388	4090062	4.60E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	610438	4090062	4.77E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	610838	4090062	6.16E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	610888	4090062	4.93E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	610938	4090062	4.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	610988	4090062	3.49E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	611038	4090062	3.04E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	611088	4090062	2.69E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	610088	4090112	1.19E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	610138	4090112	1.67E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	610188	4090112	2.44E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	610238	4090112	3.70E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	610288	4090112	5.59E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	610338	4090112	7.17E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	610388	4090112	8.51E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	610838	4090112	6.05E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	610888	4090112	4.83E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	610938	4090112	4.02E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	610988	4090112	3.43E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	611038	4090112	2.97E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	611088	4090112	2.59E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	610088	4090162	1.41E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	610138	4090162	2.14E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	610188	4090162	3.54E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

116	ALL	610838	4090162	5.73E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	610888	4090162	4.62E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	610938	4090162	3.86E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	610988	4090162	3.28E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	611038	4090162	2.83E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	611088	4090162	2.47E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	610088	4090212	1.55E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	610138	4090212	2.47E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	610188	4090212	4.46E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	610838	4090212	5.66E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	610888	4090212	4.60E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	610938	4090212	3.83E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	610988	4090212	3.24E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	611038	4090212	2.79E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	611088	4090212	2.43E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	610088	4090262	1.51E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	610138	4090262	2.40E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	610188	4090262	4.45E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	610838	4090262	5.89E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	610888	4090262	4.74E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	610938	4090262	3.91E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	610988	4090262	3.29E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	611038	4090262	2.82E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	611088	4090262	2.45E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	610088	4090312	1.32E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	610138	4090312	2.07E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	610188	4090312	3.72E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	610838	4090312	6.26E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	610888	4090312	4.99E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	610938	4090312	4.08E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	610988	4090312	3.40E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	611038	4090312	2.89E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	611088	4090312	2.51E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	610088	4090362	1.14E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	610138	4090362	1.74E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	610188	4090362	2.86E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	610838	4090362	6.58E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	610888	4090362	5.23E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	610938	4090362	4.26E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	610988	4090362	3.54E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	611038	4090362	3.00E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	611088	4090362	2.64E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	610088	4090412	9.98E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	610138	4090412	1.44E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	610188	4090412	2.13E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	610238	4090412	3.06E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	610288	4090412	4.23E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	610338	4090412	5.15E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	610388	4090412	5.02E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	610838	4090412	6.86E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	610888	4090412	5.49E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	610938	4090412	4.41E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	610988	4090412	3.66E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	611038	4090412	3.12E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	611088	4090412	2.75E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	610088	4090462	8.71E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	610138	4090462	1.16E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	610188	4090462	1.56E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	610238	4090462	2.01E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

175	ALL	610288	4090462	2.59E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	610338	4090462	3.08E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	610388	4090462	3.19E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	610838	4090462	7.04E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	610888	4090462	5.69E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	610938	4090462	4.55E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	610988	4090462	3.78E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	611038	4090462	3.26E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	611088	4090462	2.84E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	610088	4090512	7.33E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	610138	4090512	9.27E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	610188	4090512	1.16E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	610238	4090512	1.42E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	610288	4090512	1.76E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	610338	4090512	2.04E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	610888	4090512	5.68E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	610938	4090512	4.61E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	610988	4090512	3.90E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	611038	4090512	3.36E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	611088	4090512	2.88E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	610088	4090562	6.17E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	610138	4090562	7.51E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	610188	4090562	9.03E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	610238	4090562	1.07E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	610288	4090562	1.27E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	610338	4090562	1.45E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	610388	4090562	1.56E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	610788	4090562	7.42E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	610838	4090562	6.51E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	610888	4090562	5.51E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	610938	4090562	4.59E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	610988	4090562	3.97E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	611038	4090562	3.40E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	611088	4090562	2.91E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	609588	4089062	1.05E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	609688	4089062	1.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	609788	4089062	1.12E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	609888	4089062	1.14E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	609988	4089062	1.25E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	610088	4089062	1.44E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	610188	4089062	1.66E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	610288	4089062	1.86E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	610388	4089062	1.93E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	610488	4089062	1.89E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	610588	4089062	1.89E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	610688	4089062	2.06E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	610788	4089062	2.25E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	610888	4089062	2.28E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	610988	4089062	2.10E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	611088	4089062	1.82E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	611188	4089062	1.55E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	611288	4089062	1.40E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	609588	4089162	1.13E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	609688	4089162	1.21E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	609788	4089162	1.27E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	609888	4089162	1.29E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	609988	4089162	1.39E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	610088	4089162	1.60E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	610188	4089162	1.87E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

234	ALL	610288	4089162	2.11E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	610388	4089162	2.20E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	610488	4089162	2.17E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	610588	4089162	2.23E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	610688	4089162	2.45E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	610788	4089162	2.61E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	610888	4089162	2.54E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	610988	4089162	2.24E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	611088	4089162	1.89E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	609588	4089262	1.19E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	609688	4089262	1.33E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	609788	4089262	1.43E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	609888	4089262	1.49E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	609988	4089262	1.56E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	610088	4089262	1.79E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	610188	4089262	2.11E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	610288	4089262	2.44E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	610388	4089262	2.56E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	610488	4089262	2.55E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	610588	4089262	2.69E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	610688	4089262	2.95E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	609588	4089362	1.22E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	609688	4089362	1.44E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	609788	4089362	1.61E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	609888	4089362	1.72E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	609988	4089362	1.79E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	610088	4089362	2.03E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	610188	4089362	2.42E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	610288	4089362	2.86E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	610388	4089362	3.03E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	610488	4089362	3.08E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	610588	4089362	3.30E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	609588	4089462	1.26E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	609688	4089462	1.50E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	609788	4089462	1.77E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	609888	4089462	1.98E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	609988	4089462	2.12E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	610088	4089462	2.36E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	610188	4089462	2.83E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	610288	4089462	3.39E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	610388	4089462	3.65E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	610488	4089462	3.79E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	610588	4089462	4.12E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	609588	4089562	1.36E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	609688	4089562	1.58E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	609788	4089562	1.91E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	609888	4089562	2.26E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	609988	4089562	2.55E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	609588	4089662	1.51E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	609688	4089662	1.72E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	609788	4089662	2.05E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	609888	4089662	2.53E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	609988	4089662	3.04E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	609588	4089762	1.63E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	609688	4089762	1.92E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	609788	4089762	2.28E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	609888	4089762	2.84E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	609988	4089762	3.60E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	609588	4089862	1.76E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

293	ALL	609688	4089862	2.12E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	609788	4089862	2.58E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	609888	4089862	3.24E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	609988	4089862	4.34E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	609588	4089962	1.93E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	609688	4089962	2.35E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	609788	4089962	2.95E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	609888	4089962	3.83E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	609988	4089962	4.86E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	609588	4090062	2.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	609688	4090062	2.60E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	609788	4090062	3.37E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	609888	4090062	4.58E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	609988	4090062	6.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	609588	4090162	2.22E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	609688	4090162	2.82E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	609788	4090162	3.76E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	609888	4090162	4.83E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	609988	4090162	7.63E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	611188	4090162	1.95E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	611288	4090162	1.59E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	609588	4090262	2.25E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	609688	4090262	2.85E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	609788	4090262	3.56E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	609888	4090262	4.93E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	609988	4090262	7.88E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	611188	4090262	1.94E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	611288	4090262	1.58E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	611388	4090262	1.29E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	611488	4090262	1.10E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	609588	4090362	2.10E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	609688	4090362	2.57E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	609788	4090362	3.01E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	609888	4090362	3.95E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	609988	4090362	6.12E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	611188	4090362	2.00E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	611288	4090362	1.59E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	611388	4090362	1.27E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	611488	4090362	1.07E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	611588	4090362	9.26E-09	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	609588	4090462	1.74E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	609688	4090462	2.08E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	609788	4090462	2.32E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	609888	4090462	3.16E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	609988	4090462	5.10E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	611188	4090462	2.16E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	611288	4090462	1.66E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	611388	4090462	1.31E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	611488	4090462	1.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	611588	4090462	9.27E-09	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	609588	4090562	1.49E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	609688	4090562	1.79E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	609788	4090562	2.08E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	609888	4090562	2.96E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	609988	4090562	4.06E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	611188	4090562	2.21E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	611288	4090562	1.71E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	611388	4090562	1.35E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	611488	4090562	1.13E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

352	ALL	611588	4090562	9.67E-09	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	609588	4090662	1.39E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	609688	4090662	1.54E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	609788	4090662	1.94E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	609888	4090662	2.44E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	609988	4090662	3.19E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	610088	4090662	4.41E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	610188	4090662	5.76E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	610288	4090662	7.78E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	610388	4090662	9.07E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	610588	4090662	8.13E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	610688	4090662	6.92E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	610788	4090662	5.90E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	610888	4090662	4.80E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	610988	4090662	3.80E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	611088	4090662	2.92E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	611188	4090662	2.25E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	611288	4090662	1.73E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	611388	4090662	1.36E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	611488	4090662	1.14E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	611588	4090662	9.72E-09	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	609588	4090762	1.21E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	609688	4090762	1.42E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	609788	4090762	1.68E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	609888	4090762	2.03E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	609988	4090762	2.63E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	610088	4090762	3.33E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	610188	4090762	4.10E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	610288	4090762	5.26E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	610388	4090762	5.94E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	610488	4090762	5.96E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	610588	4090762	5.64E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	610688	4090762	5.01E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	610788	4090762	4.40E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	610888	4090762	3.88E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	610988	4090762	3.29E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	611088	4090762	2.73E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	611188	4090762	2.22E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	611288	4090762	1.77E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	611388	4090762	1.39E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	611488	4090762	1.15E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	611588	4090762	9.70E-09	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	609588	4090862	1.11E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	609688	4090862	1.26E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	609788	4090862	1.44E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	609888	4090862	1.77E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	609988	4090862	2.19E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	610088	4090862	2.53E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	610188	4090862	2.89E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	610288	4090862	3.72E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	610388	4090862	4.16E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	610488	4090862	4.27E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	610588	4090862	4.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	610688	4090862	3.76E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	610788	4090862	3.31E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	610888	4090862	3.06E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	610988	4090862	2.70E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	611088	4090862	2.37E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	611188	4090862	2.07E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

411	ALL	611288	4090862	1.76E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	611388	4090862	1.42E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	611488	4090862	1.18E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	611588	4090862	9.88E-09	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	609588	4090962	1.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	609688	4090962	1.11E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	609788	4090962	1.29E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	609888	4090962	1.56E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	609988	4090962	1.81E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	610088	4090962	1.97E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	610188	4090962	2.22E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	610288	4090962	2.76E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	610388	4090962	3.13E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	610488	4090962	3.21E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	610588	4090962	3.07E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	610688	4090962	2.83E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	610788	4090962	2.56E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	610888	4090962	2.40E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	610988	4090962	2.13E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	611088	4090962	1.96E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	611188	4090962	1.83E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	611288	4090962	1.63E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	611388	4090962	1.40E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	611488	4090962	1.19E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	611588	4090962	1.02E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	609588	4091062	1.02E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	609688	4091062	1.15E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	609788	4091062	1.20E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	609888	4091062	1.37E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	609988	4091062	1.50E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	610088	4091062	1.60E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	610188	4091062	1.82E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	610288	4091062	2.22E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	610388	4091062	2.44E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	610488	4091062	2.39E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	610588	4091062	2.27E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	610688	4091062	2.28E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	610788	4091062	2.01E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	610888	4091062	1.89E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	610988	4091062	1.71E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	611088	4091062	1.61E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	611188	4091062	1.55E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	611288	4091062	1.47E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	611388	4091062	1.32E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	611488	4091062	1.17E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	611588	4091062	1.02E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	610394.7	4090395	5.82E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	610363.2	4090393	6.36E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	610315.8	4090393	6.12E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	610287.4	4090386	5.76E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	610241	4090379	4.30E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	610212.6	4090353	4.01E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	610198.9	4090301	4.61E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	610207.4	4090274	5.86E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	610216.8	4090251	7.15E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	610224.2	4090221	8.01E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	610224.2	4090198	7.36E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	610253.6	4090118	4.68E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	610403.6	4090153	1.71E-06	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

470	ALL	610415.2	4090111	8.81E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	610467.5	4090025	3.37E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	610413.8	4089916	1.67E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	610673.6	4089290	3.09E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	611206.2	4089156	1.69E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	611849.3	4088791	9.77E-09	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	612492.5	4089832	5.56E-09	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	612263.9	4090647	4.67E-09	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	610949.9	4089967	4.02E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	610940	4089959	4.16E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	610917	4089999	4.51E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	610813.7	4090073	6.85E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	610840.4	4090524	6.78E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	610546.3	4090670	8.25E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	610415.8	4090675	8.57E-08	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	610386.7	4090523	2.01E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	610388	4090504	2.30E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	610390.6	4090488	2.58E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	610391.2	4090466	3.08E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	610393.8	4090452	3.45E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	610393.2	4090431	4.14E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	610395.1	4090413	4.88E-07	0.26YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.88E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Cancer Risk - Generators During Commissioning

*HARP - HRACalc v22118 9/26/2024 1:56:29 PM - Cancer Risk - Input File: C:\Users\mmorales\OneDrive - Dudek\14713.51 90 Minto Road Seahawk Project\AQ Data\SEAHAWK_GENS_UNM\hra\Seahawk BESS Generators Construction Unm HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
1	ALL		610088	4089562	3.03E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		610138	4089562	3.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		610188	4089562	3.18E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		610238	4089562	3.24E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		610288	4089562	3.29E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		610338	4089562	3.32E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		610388	4089562	3.34E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		610438	4089562	3.37E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		610488	4089562	3.40E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		610538	4089562	3.46E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		610088	4089612	3.26E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		610138	4089612	3.36E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		610188	4089612	3.46E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		610238	4089612	3.55E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		610288	4089612	3.63E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		610338	4089612	3.67E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		610388	4089612	3.71E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		610438	4089612	3.75E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		610488	4089612	3.80E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		610538	4089612	3.87E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		610088	4089662	3.56E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		610138	4089662	3.67E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		610188	4089662	3.79E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		610238	4089662	3.91E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		610288	4089662	4.03E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		610338	4089662	4.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		610388	4089662	4.18E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		610438	4089662	4.25E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		610488	4089662	4.30E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		610088	4089712	3.92E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		610138	4089712	4.05E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		610188	4089712	4.20E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		610238	4089712	4.36E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		610288	4089712	4.51E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		610338	4089712	4.65E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		610388	4089712	4.77E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		610438	4089712	4.86E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		610488	4089712	4.95E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		610088	4089762	4.35E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		610138	4089762	4.55E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		610188	4089762	4.75E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		610238	4089762	4.95E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		610288	4089762	5.13E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		610338	4089762	5.32E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		610388	4089762	5.50E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		610438	4089762	5.65E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		610088	4089812	4.85E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		610138	4089812	5.14E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		610188	4089812	5.44E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		610238	4089812	5.72E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		610288	4089812	5.96E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		610338	4089812	6.21E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		610388	4089812	6.46E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		610438	4089812	6.69E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		610088	4089862	5.39E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		610138	4089862	5.77E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

57	ALL	610188	4089862	6.19E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	610238	4089862	6.66E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	610288	4089862	7.14E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	610338	4089862	7.44E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	610388	4089862	7.79E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	610088	4089912	6.03E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	610138	4089912	6.55E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	610188	4089912	7.14E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	610238	4089912	7.81E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	610288	4089912	8.67E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	610338	4089912	9.16E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	610388	4089912	9.75E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	610088	4089962	6.74E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	610138	4089962	7.45E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	610188	4089962	8.27E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	610238	4089962	9.24E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	610288	4089962	1.05E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	610338	4089962	1.14E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	610388	4089962	1.26E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	610088	4090012	7.47E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	610138	4090012	8.38E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	610188	4090012	9.50E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	610238	4090012	1.09E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	610288	4090012	1.27E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	610338	4090012	1.42E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	610388	4090012	1.63E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	610438	4090012	1.87E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	610938	4090012	9.10E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	610988	4090012	7.73E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	610088	4090062	8.06E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	610138	4090062	9.17E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	610188	4090062	1.06E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	610238	4090062	1.23E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	610288	4090062	1.46E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	610338	4090062	1.70E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	610388	4090062	2.06E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	610438	4090062	2.68E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	610838	4090062	1.84E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	610888	4090062	1.45E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	610938	4090062	1.20E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	610988	4090062	1.00E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	611038	4090062	8.65E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	611088	4090062	7.62E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	610088	4090112	8.36E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	610138	4090112	9.56E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	610188	4090112	1.11E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	610238	4090112	1.31E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	610288	4090112	1.55E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	610338	4090112	1.84E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	610388	4090112	2.42E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	610838	4090112	2.92E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	610888	4090112	2.13E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	610938	4090112	1.66E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	610988	4090112	1.36E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	611038	4090112	1.14E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	611088	4090112	9.74E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	610088	4090162	8.43E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	610138	4090162	9.65E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	610188	4090162	1.12E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

116	ALL	610838	4090162	4.32E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	610888	4090162	3.02E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	610938	4090162	2.28E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	610988	4090162	1.80E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	611038	4090162	1.46E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	611088	4090162	1.22E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	610088	4090212	8.41E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	610138	4090212	9.60E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	610188	4090212	1.11E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	610838	4090212	5.66E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	610888	4090212	3.95E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	610938	4090212	2.92E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	610988	4090212	2.25E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	611038	4090212	1.79E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	611088	4090212	1.47E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	610088	4090262	8.34E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	610138	4090262	9.48E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	610188	4090262	1.09E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	610838	4090262	6.09E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	610888	4090262	4.62E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	610938	4090262	3.48E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	610988	4090262	2.67E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	611038	4090262	2.10E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	611088	4090262	1.70E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	610088	4090312	8.23E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	610138	4090312	9.33E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	610188	4090312	1.07E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	610838	4090312	5.52E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	610888	4090312	4.67E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	610938	4090312	3.77E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	610988	4090312	2.99E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	611038	4090312	2.38E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	611088	4090312	1.96E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	610088	4090362	8.10E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	610138	4090362	9.15E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	610188	4090362	1.05E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	610838	4090362	4.67E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	610888	4090362	4.24E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	610938	4090362	3.68E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	610988	4090362	3.09E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	611038	4090362	2.57E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	611088	4090362	2.21E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	610088	4090412	7.91E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	610138	4090412	8.88E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	610188	4090412	1.00E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	610238	4090412	1.14E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	610288	4090412	1.33E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	610338	4090412	1.58E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	610388	4090412	1.93E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	610838	4090412	4.01E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	610888	4090412	3.79E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	610938	4090412	3.37E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	610988	4090412	2.98E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	611038	4090412	2.65E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	611088	4090412	2.35E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	610088	4090462	7.67E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	610138	4090462	8.51E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	610188	4090462	9.54E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	610238	4090462	1.08E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

175	ALL	610288	4090462	1.26E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	610338	4090462	1.49E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	610388	4090462	1.79E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	610838	4090462	3.59E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	610888	4090462	3.40E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	610938	4090462	3.01E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	610988	4090462	2.79E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	611038	4090462	2.62E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	611088	4090462	2.36E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	610088	4090512	7.35E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	610138	4090512	8.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	610188	4090512	9.06E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	610238	4090512	1.03E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	610288	4090512	1.19E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	610338	4090512	1.39E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	610888	4090512	2.95E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.95E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	610938	4090512	2.66E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	610988	4090512	2.56E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	611038	4090512	2.45E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	611088	4090512	2.22E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	610088	4090562	7.03E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	610138	4090562	7.73E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	610188	4090562	8.63E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	610238	4090562	9.77E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	610288	4090562	1.12E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	610338	4090562	1.30E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	610388	4090562	1.51E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	610788	4090562	2.76E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	610838	4090562	2.76E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	610888	4090562	2.58E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	610938	4090562	2.36E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	610988	4090562	2.31E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	611038	4090562	2.19E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	611088	4090562	2.03E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	609588	4089062	1.69E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	609688	4089062	1.73E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	609788	4089062	1.76E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	609888	4089062	1.79E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	609988	4089062	1.81E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	610088	4089062	1.81E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	610188	4089062	1.80E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	610288	4089062	1.77E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	610388	4089062	1.76E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	610488	4089062	1.77E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	610588	4089062	1.82E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	610688	4089062	1.88E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	610788	4089062	1.89E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	610888	4089062	1.91E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	610988	4089062	1.93E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	611088	4089062	1.93E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	611188	4089062	1.92E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	611288	4089062	1.87E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	609588	4089162	1.79E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	609688	4089162	1.83E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	609788	4089162	1.87E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	609888	4089162	1.91E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	609988	4089162	1.94E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	610088	4089162	1.96E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	610188	4089162	1.96E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

234	ALL	610288	4089162	1.92E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	610388	4089162	1.91E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	610488	4089162	1.93E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	610588	4089162	1.99E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	610688	4089162	2.05E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	610788	4089162	2.06E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	610888	4089162	2.08E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	610988	4089162	2.08E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	611088	4089162	2.06E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	609588	4089262	1.91E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	609688	4089262	1.95E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	609788	4089262	2.01E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	609888	4089262	2.06E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	609988	4089262	2.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	610088	4089262	2.13E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	610188	4089262	2.15E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	610288	4089262	2.13E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	610388	4089262	2.12E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	610488	4089262	2.14E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	610588	4089262	2.21E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	610688	4089262	2.28E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	609588	4089362	2.06E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	609688	4089362	2.10E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	609788	4089362	2.16E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	609888	4089362	2.24E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	609988	4089362	2.31E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	610088	4089362	2.36E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	610188	4089362	2.40E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	610288	4089362	2.41E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	610388	4089362	2.40E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	610488	4089362	2.43E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	610588	4089362	2.50E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	609588	4089462	2.21E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	609688	4089462	2.29E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	609788	4089462	2.36E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	609888	4089462	2.46E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	609988	4089462	2.55E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	610088	4089462	2.66E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	610188	4089462	2.73E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	610288	4089462	2.78E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	610388	4089462	2.79E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	610488	4089462	2.82E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	610588	4089462	2.92E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	609588	4089562	2.36E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	609688	4089562	2.48E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	609788	4089562	2.62E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	609888	4089562	2.76E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	609988	4089562	2.88E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	609588	4089662	2.57E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	609688	4089662	2.72E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	609788	4089662	2.91E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	609888	4089662	3.13E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	609988	4089662	3.35E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	609588	4089762	2.82E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	609688	4089762	3.03E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	609788	4089762	3.29E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	609888	4089762	3.59E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	609988	4089762	3.95E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	609588	4089862	3.07E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

293	ALL	609688	4089862	3.37E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	609788	4089862	3.75E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	609888	4089862	4.20E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	609988	4089862	4.71E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	609588	4089962	3.34E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	609688	4089962	3.72E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	609788	4089962	4.22E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	609888	4089962	4.85E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	609988	4089962	5.61E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	609588	4090062	3.56E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	609688	4090062	4.01E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	609788	4090062	4.60E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	609888	4090062	5.38E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	609988	4090062	6.44E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	609588	4090162	3.70E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	609688	4090162	4.17E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	609788	4090162	4.76E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	609888	4090162	5.54E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	609988	4090162	6.70E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	611188	4090162	8.93E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	611288	4090162	6.84E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	609588	4090262	3.79E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	609688	4090262	4.25E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	609788	4090262	4.79E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	609888	4090262	5.58E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	609988	4090262	6.70E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	611188	4090262	1.21E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	611288	4090262	8.91E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	611388	4090262	6.65E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	611488	4090262	5.28E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	609588	4090362	3.82E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	609688	4090362	4.27E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	609788	4090362	4.76E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	609888	4090362	5.51E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	609988	4090362	6.56E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	611188	4090362	1.49E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	611288	4090362	1.07E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	611388	4090362	7.80E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	611488	4090362	6.13E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	611588	4090362	4.96E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	609588	4090462	3.79E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	609688	4090462	4.21E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	609788	4090462	4.66E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	609888	4090462	5.35E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	609988	4090462	6.32E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	611188	4090462	1.73E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	611288	4090462	1.21E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	611388	4090462	8.80E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	611488	4090462	6.84E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	611588	4090462	5.49E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	609588	4090562	3.72E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	609688	4090562	4.06E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	609788	4090562	4.50E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	609888	4090562	5.14E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	609988	4090562	5.94E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	611188	4090562	1.67E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	611288	4090562	1.28E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	611388	4090562	9.57E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	611488	4090562	7.50E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

352	ALL	611588	4090562	6.00E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	609588	4090662	3.60E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	609688	4090662	3.89E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	609788	4090662	4.32E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	609888	4090662	4.84E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	609988	4090662	5.51E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	610088	4090662	6.44E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	610188	4090662	7.85E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	610288	4090662	9.93E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	610388	4090662	1.25E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	610588	4090662	1.74E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	610688	4090662	1.94E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	610788	4090662	2.10E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	610888	4090662	1.97E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	610988	4090662	1.79E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	611088	4090662	1.61E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	611188	4090662	1.42E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	611288	4090662	1.20E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	611388	4090662	9.69E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	611488	4090662	7.90E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	611588	4090662	6.41E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	609588	4090762	3.42E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	609688	4090762	3.73E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	609788	4090762	4.09E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	609888	4090762	4.53E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	609988	4090762	5.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	610088	4090762	5.95E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	610188	4090762	7.17E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	610288	4090762	8.71E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	610388	4090762	1.04E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	610488	4090762	1.18E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	610588	4090762	1.36E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	610688	4090762	1.50E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	610788	4090762	1.58E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	610888	4090762	1.53E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	610988	4090762	1.40E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	611088	4090762	1.28E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	611188	4090762	1.17E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	611288	4090762	1.06E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	611388	4090762	9.08E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	611488	4090762	7.81E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	611588	4090762	6.58E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	609588	4090862	3.29E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	609688	4090862	3.55E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	609788	4090862	3.85E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	609888	4090862	4.24E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	609988	4090862	4.77E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	610088	4090862	5.52E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	610188	4090862	6.47E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	610288	4090862	7.53E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	610388	4090862	8.60E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	610488	4090862	9.68E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	610588	4090862	1.07E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	610688	4090862	1.18E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	610788	4090862	1.23E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	610888	4090862	1.22E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	610988	4090862	1.12E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	611088	4090862	1.04E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	611188	4090862	9.71E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

411	ALL	611288	4090862	9.13E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	611388	4090862	8.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	611488	4090862	7.29E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	611588	4090862	6.43E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	609588	4090962	3.14E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	609688	4090962	3.36E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	609788	4090962	3.63E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	609888	4090962	3.99E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	609988	4090962	4.49E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	610088	4090962	5.12E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	610188	4090962	5.83E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	610288	4090962	6.52E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	610388	4090962	7.31E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	610488	4090962	8.00E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	610588	4090962	8.68E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	610688	4090962	9.37E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	610788	4090962	9.87E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	610888	4090962	9.87E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	610988	4090962	9.25E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	611088	4090962	8.69E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	611188	4090962	8.21E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	611288	4090962	7.71E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	611388	4090962	7.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	611488	4090962	6.57E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	611588	4090962	6.01E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	609588	4091062	3.02E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	609688	4091062	3.22E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	609788	4091062	3.44E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	609888	4091062	3.78E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	609988	4091062	4.23E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	610088	4091062	4.74E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	610188	4091062	5.25E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	610288	4091062	5.74E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	610388	4091062	6.26E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	610488	4091062	6.67E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	610588	4091062	7.16E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	610688	4091062	7.80E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	610788	4091062	8.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	610888	4091062	8.18E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	610988	4091062	7.77E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	611088	4091062	7.37E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	611188	4091062	7.02E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	611288	4091062	6.70E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	611388	4091062	6.26E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	611488	4091062	5.85E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	611588	4091062	5.46E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	610394.7	4090395	2.03E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	610363.2	4090393	1.78E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	610315.8	4090393	1.49E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	610287.4	4090386	1.36E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	610241	4090379	1.19E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	610212.6	4090353	1.13E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	610198.9	4090301	1.11E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	610207.4	4090274	1.15E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	610216.8	4090251	1.20E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	610224.2	4090221	1.24E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	610224.2	4090198	1.25E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	610253.6	4090118	1.39E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	610403.6	4090153	2.63E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

470	ALL	610415.2	4090111	2.76E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.76E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	610467.5	4090025	2.31E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	610413.8	4089916	1.02E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	610673.6	4089290	2.35E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	611206.2	4089156	2.06E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	611849.3	4088791	1.60E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	612492.5	4089832	1.21E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	612263.9	4090647	2.29E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	610949.9	4089967	7.21E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	610940	4089959	7.18E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	610917	4089999	9.11E-08	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	610813.7	4090073	2.28E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	610840.4	4090524	3.07E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	610546.3	4090670	1.60E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	610415.8	4090675	1.27E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	610386.7	4090523	1.61E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	610388	4090504	1.67E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	610390.6	4090488	1.73E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	610391.2	4090466	1.80E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	610393.8	4090452	1.86E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	610393.2	4090431	1.92E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	610395.1	4090413	1.98E-07	0.5YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Cancer Risk - Equipment and Trucks During Decommissioning

*HARP - HRACalc v22118 9/26/2024 1:57:59 PM - Cancer Risk - Input File: C:\Users\mmorales\OneDrive - Dudek\14713.51 90 Minto Road Seahawk Project\AQ Data\SEAHAWK_DECOMM_UNM\hra\Seahawk BESS Decommissioning Unm HRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_E	EGG_RISK
1	ALL		610088	4089562	1.54E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		610138	4089562	1.71E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		610188	4089562	1.90E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		610238	4089562	2.11E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		610288	4089562	2.33E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		610338	4089562	2.56E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		610388	4089562	2.81E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		610438	4089562	3.14E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		610488	4089562	3.55E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		610538	4089562	4.00E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		610088	4089612	1.62E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		610138	4089612	1.80E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		610188	4089612	2.02E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		610238	4089612	2.28E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		610288	4089612	2.55E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		610338	4089612	2.84E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		610388	4089612	3.15E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		610438	4089612	3.54E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		610488	4089612	4.04E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		610538	4089612	4.61E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		610088	4089662	1.72E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		610138	4089662	1.92E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		610188	4089662	2.16E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		610238	4089662	2.45E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		610288	4089662	2.79E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		610338	4089662	3.16E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		610388	4089662	3.57E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		610438	4089662	4.07E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		610488	4089662	4.67E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		610088	4089712	1.84E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		610138	4089712	2.05E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		610188	4089712	2.32E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		610238	4089712	2.66E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		610288	4089712	3.06E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		610338	4089712	3.53E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		610388	4089712	4.07E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		610438	4089712	4.71E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		610488	4089712	5.51E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		610088	4089762	1.96E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		610138	4089762	2.21E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		610188	4089762	2.52E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		610238	4089762	2.90E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		610288	4089762	3.38E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		610338	4089762	3.96E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		610388	4089762	4.67E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		610438	4089762	5.52E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		610088	4089812	2.08E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		610138	4089812	2.38E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		610188	4089812	2.74E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		610238	4089812	3.19E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		610288	4089812	3.75E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		610338	4089812	4.48E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		610388	4089812	5.41E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		610438	4089812	6.57E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		610088	4089862	2.20E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		610138	4089862	2.52E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

57	ALL	610188	4089862	2.94E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL	610238	4089862	3.49E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	610288	4089862	4.22E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	610338	4089862	5.08E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	610388	4089862	6.31E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	610088	4089912	2.29E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL	610138	4089912	2.64E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.64E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	610188	4089912	3.11E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL	610238	4089912	3.72E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL	610288	4089912	4.72E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL	610338	4089912	5.80E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL	610388	4089912	7.39E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL	610088	4089962	2.31E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL	610138	4089962	2.69E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL	610188	4089962	3.19E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL	610238	4089962	3.94E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL	610288	4089962	5.22E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL	610338	4089962	6.59E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL	610388	4089962	8.67E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	610088	4090012	2.34E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	610138	4090012	2.75E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	610188	4090012	3.32E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	610238	4090012	4.28E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	610288	4090012	5.65E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	610338	4090012	7.29E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	610388	4090012	9.97E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL	610438	4090012	1.45E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	610938	4090012	1.82E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	610988	4090012	1.10E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	610088	4090062	2.37E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	610138	4090062	2.81E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	610188	4090062	3.39E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	610238	4090062	4.36E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	610288	4090062	5.85E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	610338	4090062	7.69E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	610388	4090062	1.09E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	610438	4090062	1.74E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	610838	4090062	4.12E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	610888	4090062	2.55E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	610938	4090062	1.62E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	610988	4090062	1.08E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	611038	4090062	7.62E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	611088	4090062	5.67E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	610088	4090112	2.34E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	610138	4090112	2.79E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	610188	4090112	3.37E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	610238	4090112	4.23E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	610288	4090112	5.70E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	610338	4090112	7.60E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	610388	4090112	1.12E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	610838	4090112	3.15E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	610888	4090112	2.06E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	610938	4090112	1.43E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	610988	4090112	1.04E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	611038	4090112	7.72E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	611088	4090112	5.84E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	610088	4090162	2.18E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	610138	4090162	2.62E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	610188	4090162	3.25E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

116	ALL	610838	4090162	2.43E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	610888	4090162	1.72E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	610938	4090162	1.29E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	610988	4090162	9.80E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	611038	4090162	7.55E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	611088	4090162	5.88E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	610088	4090212	1.97E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	610138	4090212	2.34E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	610188	4090212	2.87E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	610838	4090212	1.91E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	610888	4090212	1.48E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	610938	4090212	1.16E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	610988	4090212	9.10E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	611038	4090212	7.20E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	611088	4090212	5.75E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	610088	4090262	1.76E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	610138	4090262	2.07E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	610188	4090262	2.55E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	610838	4090262	1.54E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	610888	4090262	1.26E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	610938	4090262	1.02E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	610988	4090262	8.29E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	611038	4090262	6.74E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	611088	4090262	5.51E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	610088	4090312	1.61E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	610138	4090312	1.91E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	610188	4090312	2.37E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	610838	4090312	1.24E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	610888	4090312	1.06E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	610938	4090312	8.88E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	610988	4090312	7.42E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	611038	4090312	6.20E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	611088	4090312	5.22E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	610088	4090362	1.55E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	610138	4090362	1.88E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	610188	4090362	2.29E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	610838	4090362	9.89E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	610888	4090362	8.73E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	610938	4090362	7.59E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	610988	4090362	6.54E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	611038	4090362	5.63E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	611088	4090362	4.90E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	610088	4090412	1.51E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	610138	4090412	1.81E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	610188	4090412	2.14E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	610238	4090412	2.46E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	610288	4090412	2.87E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	610338	4090412	3.55E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	610388	4090412	4.45E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	610838	4090412	8.00E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	610888	4090412	7.27E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	610938	4090412	6.43E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	610988	4090412	5.69E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	611038	4090412	5.06E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	611088	4090412	4.51E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	610088	4090462	1.48E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	610138	4090462	1.68E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	610188	4090462	1.90E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	610238	4090462	2.16E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

175	ALL	610288	4090462	2.52E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	610338	4090462	3.07E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	610388	4090462	3.80E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	610838	4090462	6.56E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	610888	4090462	6.06E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	610938	4090462	5.44E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	610988	4090462	4.94E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	611038	4090462	4.51E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	611088	4090462	4.07E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	610088	4090512	1.37E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	610138	4090512	1.52E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	610188	4090512	1.69E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	610238	4090512	1.92E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	610288	4090512	2.24E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	610338	4090512	2.70E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	610888	4090512	5.02E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	610938	4090512	4.59E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	610988	4090512	4.28E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	611038	4090512	3.95E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	611088	4090512	3.61E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	610088	4090562	1.26E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	610138	4090562	1.38E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	610188	4090562	1.54E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	610238	4090562	1.75E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	610288	4090562	2.02E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	610338	4090562	2.40E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	610388	4090562	2.81E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	610788	4090562	4.59E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	610838	4090562	4.42E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	610888	4090562	4.20E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	610938	4090562	3.90E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	610988	4090562	3.68E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	611038	4090562	3.42E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	611088	4090562	3.17E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	609588	4089062	5.60E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	609688	4089062	6.20E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.20E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	609788	4089062	7.01E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	609888	4089062	7.93E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	609988	4089062	8.81E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	610088	4089062	9.52E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	610188	4089062	1.00E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	610288	4089062	1.07E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	610388	4089062	1.21E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	610488	4089062	1.40E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	610588	4089062	1.61E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	610688	4089062	1.73E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	610788	4089062	1.73E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	610888	4089062	1.79E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	610988	4089062	1.97E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	611088	4089062	2.08E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	611188	4089062	1.97E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	611288	4089062	1.65E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	609588	4089162	5.96E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	609688	4089162	6.51E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.51E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	609788	4089162	7.31E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.31E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	609888	4089162	8.33E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	609988	4089162	9.47E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.47E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	610088	4089162	1.06E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	610188	4089162	1.15E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

234	ALL	610288	4089162	1.23E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	610388	4089162	1.38E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	610488	4089162	1.61E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	610588	4089162	1.88E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	610688	4089162	2.03E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	610788	4089162	2.07E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	610888	4089162	2.19E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	610988	4089162	2.41E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	611088	4089162	2.45E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	609588	4089262	6.39E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.39E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	609688	4089262	6.94E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	609788	4089262	7.72E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	609888	4089262	8.81E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	609988	4089262	1.01E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	610088	4089262	1.16E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	610188	4089262	1.30E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	610288	4089262	1.43E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	610388	4089262	1.61E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	610488	4089262	1.89E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	610588	4089262	2.22E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	610688	4089262	2.45E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	609588	4089362	6.80E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	609688	4089362	7.44E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	609788	4089362	8.24E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	609888	4089362	9.36E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.36E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	609988	4089362	1.09E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	610088	4089362	1.27E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	610188	4089362	1.47E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	610288	4089362	1.67E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	610388	4089362	1.92E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	610488	4089362	2.28E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	610588	4089362	2.70E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	609588	4089462	7.10E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	609688	4089462	7.94E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.94E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	609788	4089462	8.90E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	609888	4089462	1.01E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	609988	4089462	1.17E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	610088	4089462	1.40E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	610188	4089462	1.67E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	610288	4089462	1.96E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	610388	4089462	2.31E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	610488	4089462	2.80E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	610588	4089462	3.38E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	609588	4089562	7.37E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.37E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	609688	4089562	8.33E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	609788	4089562	9.57E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.57E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	609888	4089562	1.10E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	609988	4089562	1.28E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	609588	4089662	7.67E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.67E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	609688	4089662	8.73E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	609788	4089662	1.01E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	609888	4089662	1.19E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	609988	4089662	1.42E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	609588	4089762	7.93E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.93E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	609688	4089762	9.27E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	609788	4089762	1.09E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	609888	4089762	1.29E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	609988	4089762	1.57E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	609588	4089862	8.45E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

293	ALL	609688	4089862	9.86E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	609788	4089862	1.16E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	609888	4089862	1.40E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	609988	4089862	1.72E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	609588	4089962	8.86E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.86E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	609688	4089962	1.03E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	609788	4089962	1.23E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	609888	4089962	1.49E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	609988	4089962	1.72E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	609588	4090062	9.09E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.09E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	609688	4090062	1.06E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	609788	4090062	1.26E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	609888	4090062	1.52E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	609988	4090062	1.78E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	609588	4090162	9.07E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.07E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	609688	4090162	1.04E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	609788	4090162	1.22E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	609888	4090162	1.33E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	609988	4090162	1.66E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	611188	4090162	3.73E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	611288	4090162	2.53E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	609588	4090262	8.46E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.46E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	609688	4090262	9.54E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	609788	4090262	9.92E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.92E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	609888	4090262	1.14E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	609988	4090262	1.38E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	611188	4090262	3.79E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	611288	4090262	2.65E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	611388	4090262	1.88E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	611488	4090262	1.42E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	609588	4090362	7.41E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	609688	4090362	8.22E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.22E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	609788	4090362	8.32E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	609888	4090362	9.55E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.55E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	609988	4090362	1.17E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	611188	4090362	3.57E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	611288	4090362	2.63E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	611388	4090362	1.92E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	611488	4090362	1.47E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	611588	4090362	1.16E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	609588	4090462	6.53E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.53E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	609688	4090462	7.26E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.26E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	609788	4090462	7.34E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	609888	4090462	8.64E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.64E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	609988	4090462	1.10E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	611188	4090462	3.21E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	611288	4090462	2.47E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	611388	4090462	1.89E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	611488	4090462	1.48E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	611588	4090462	1.18E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	609588	4090562	6.01E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.01E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	609688	4090562	6.49E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.49E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	609788	4090562	6.96E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	609888	4090562	8.50E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	609988	4090562	1.02E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	611188	4090562	2.69E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	611288	4090562	2.23E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	611388	4090562	1.78E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	611488	4090562	1.45E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

352	ALL	611588	4090562	1.18E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	609588	4090662	5.76E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.76E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	609688	4090662	5.88E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.88E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	609788	4090662	6.84E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.84E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	609888	4090662	7.91E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	609988	4090662	9.11E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.11E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	610088	4090662	1.05E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	610188	4090662	1.30E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	610288	4090662	1.73E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	610388	4090662	2.13E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	610588	4090662	2.88E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	610688	4090662	3.17E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	610788	4090662	3.20E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	610888	4090662	3.00E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	610988	4090662	2.71E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	611088	4090662	2.41E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	611188	4090662	2.15E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	611288	4090662	1.90E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	611388	4090662	1.61E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	611488	4090662	1.37E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	611588	4090662	1.16E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	609588	4090762	5.12E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	609688	4090762	5.72E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.72E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	609788	4090762	6.38E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.38E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	609888	4090762	7.14E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.14E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	609988	4090762	7.95E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.95E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	610088	4090762	9.25E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.25E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	610188	4090762	1.18E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	610288	4090762	1.46E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	610388	4090762	1.65E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	610488	4090762	1.81E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	610588	4090762	2.15E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	610688	4090762	2.35E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	610788	4090762	2.28E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	610888	4090762	2.25E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	610988	4090762	2.01E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	611088	4090762	1.82E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	611188	4090762	1.67E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	611288	4090762	1.59E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	611388	4090762	1.40E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	611488	4090762	1.25E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	611588	4090762	1.10E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	609588	4090862	4.91E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	609688	4090862	5.32E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	609788	4090862	5.83E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	609888	4090862	6.35E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	609988	4090862	7.06E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.06E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	610088	4090862	8.50E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	610188	4090862	1.02E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	610288	4090862	1.17E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	610388	4090862	1.26E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	610488	4090862	1.43E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	610588	4090862	1.66E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	610688	4090862	1.80E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	610788	4090862	1.73E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	610888	4090862	1.74E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	610988	4090862	1.55E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	611088	4090862	1.43E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	611188	4090862	1.33E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

411	ALL	611288	4090862	1.33E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	611388	4090862	1.20E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	611488	4090862	1.10E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	611588	4090862	1.01E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	609588	4090962	4.83E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	609688	4090962	4.97E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.97E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	609788	4090962	5.28E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	609888	4090962	5.69E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	609988	4090962	6.58E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.58E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	610088	4090962	7.81E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	610188	4090962	8.85E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.85E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	610288	4090962	9.44E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.44E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	610388	4090962	1.03E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	610488	4090962	1.13E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	610588	4090962	1.30E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	610688	4090962	1.38E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	610788	4090962	1.36E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	610888	4090962	1.34E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	610988	4090962	1.24E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	611088	4090962	1.16E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	611188	4090962	1.10E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	611288	4090962	1.10E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	611388	4090962	1.03E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	611488	4090962	9.61E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	611588	4090962	8.99E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.99E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	609588	4091062	4.81E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	609688	4091062	5.12E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	609788	4091062	4.82E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.82E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	609888	4091062	5.33E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.33E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	609988	4091062	6.27E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.27E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	610088	4091062	7.10E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	610188	4091062	7.74E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.74E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	610288	4091062	8.03E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.03E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	610388	4091062	8.40E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	610488	4091062	8.89E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	610588	4091062	1.03E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	610688	4091062	1.17E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	610788	4091062	1.10E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	610888	4091062	1.08E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	610988	4091062	1.01E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	611088	4091062	9.68E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.68E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	611188	4091062	9.23E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	611288	4091062	9.43E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.43E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	611388	4091062	8.83E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.83E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	611488	4091062	8.34E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.34E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	611588	4091062	7.91E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.91E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	610394.7	4090395	4.85E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	610363.2	4090393	4.21E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	610315.8	4090393	3.38E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	610287.4	4090386	3.07E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	610241	4090379	2.69E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	610212.6	4090353	2.55E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	610198.9	4090301	2.53E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	610207.4	4090274	2.72E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	610216.8	4090251	2.96E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	610224.2	4090221	3.31E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	610224.2	4090198	3.51E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	610253.6	4090118	4.66E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	610403.6	4090153	1.18E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

470	ALL	610415.2	4090111	1.40E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	610467.5	4090025	2.04E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	610413.8	4089916	8.61E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	610673.6	4089290	2.58E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	611206.2	4089156	2.16E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	611849.3	4088791	8.54E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.54E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	612492.5	4089832	4.17E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.17E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	612263.9	4090647	4.32E-10	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.32E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	610949.9	4089967	1.55E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	610940	4089959	1.69E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	610917	4089999	2.32E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	610813.7	4090073	4.83E-08	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	610840.4	4090524	5.12E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	610546.3	4090670	2.60E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	610415.8	4090675	2.11E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	610386.7	4090523	3.13E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	610388	4090504	3.33E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	610390.6	4090488	3.53E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.53E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	610391.2	4090466	3.80E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	610393.8	4090452	4.01E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	610393.2	4090431	4.27E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	610395.1	4090413	4.58E-09	0.59YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Chronic Risk - Equipment and Trucks During Construction

*HARP - HRACalc v22118 9/26/2024 1:53:43 PM - Chronic Risk - Input File: C:\Users\mmorales\OneDrive - Dudek\14713.51 90 Minto Road Seahawk Project\AQ Data\SEAHAWK_ONSITE_UNM\hra\Seahawk BESS Onsite Construction Unm HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		610088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
2	ALL		610138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
3	ALL		610188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
4	ALL		610238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
5	ALL		610288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
6	ALL		610338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
7	ALL		610388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
8	ALL		610438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
9	ALL		610488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
10	ALL		610538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
11	ALL		610088	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
12	ALL		610138	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
13	ALL		610188	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
14	ALL		610238	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
15	ALL		610288	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
16	ALL		610338	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
17	ALL		610388	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
18	ALL		610438	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
19	ALL		610488	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
20	ALL		610538	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
21	ALL		610088	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
22	ALL		610138	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
23	ALL		610188	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
24	ALL		610238	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
25	ALL		610288	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
26	ALL		610338	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
27	ALL		610388	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
28	ALL		610438	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
29	ALL		610488	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
30	ALL		610088	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
31	ALL		610138	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
32	ALL		610188	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
33	ALL		610238	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
34	ALL		610288	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
35	ALL		610338	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
36	ALL		610388	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
37	ALL		610438	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-04
38	ALL		610488	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
39	ALL		610088	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
40	ALL		610138	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
41	ALL		610188	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
42	ALL		610238	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
43	ALL		610288	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
44	ALL		610338	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
45	ALL		610388	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
46	ALL		610438	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
47	ALL		610088	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
48	ALL		610138	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
49	ALL		610188	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
50	ALL		610238	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
51	ALL		610288	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
52	ALL		610338	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
53	ALL		610388	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
54	ALL		610438	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04
55	ALL		610088	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
56	ALL		610138	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
57	ALL		610188	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
58	ALL		610238	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04

59	ALL	610288	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
60	ALL	610338	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
61	ALL	610388	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
62	ALL	610088	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
63	ALL	610138	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
64	ALL	610188	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
65	ALL	610238	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
66	ALL	610288	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-04
67	ALL	610338	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
68	ALL	610388	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
69	ALL	610088	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
70	ALL	610138	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
71	ALL	610188	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
72	ALL	610238	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
73	ALL	610288	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
74	ALL	610338	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.06E-04
75	ALL	610388	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04
76	ALL	610088	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
77	ALL	610138	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
78	ALL	610188	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
79	ALL	610238	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
80	ALL	610288	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
81	ALL	610338	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-04
82	ALL	610388	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
83	ALL	610438	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
84	ALL	610938	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
85	ALL	610988	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
86	ALL	610088	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
87	ALL	610138	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
88	ALL	610188	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
89	ALL	610238	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
90	ALL	610288	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
91	ALL	610338	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-04
92	ALL	610388	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
93	ALL	610438	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
94	ALL	610838	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
95	ALL	610888	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
96	ALL	610938	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
97	ALL	610988	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
98	ALL	611038	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-04
99	ALL	611088	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
100	ALL	610088	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
101	ALL	610138	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
102	ALL	610188	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
103	ALL	610238	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
104	ALL	610288	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
105	ALL	610338	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04
106	ALL	610388	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
107	ALL	610838	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-03
108	ALL	610888	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-03
109	ALL	610938	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
110	ALL	610988	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
111	ALL	611038	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
112	ALL	611088	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
113	ALL	610088	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
114	ALL	610138	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
115	ALL	610188	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
116	ALL	610838	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-03
117	ALL	610888	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
118	ALL	610938	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
119	ALL	610988	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03

120	ALL	611038	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04
121	ALL	611088	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-04
122	ALL	610088	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
123	ALL	610138	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
124	ALL	610188	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
125	ALL	610838	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
126	ALL	610888	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
127	ALL	610938	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
128	ALL	610988	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04
129	ALL	611038	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-04
130	ALL	611088	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
131	ALL	610088	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
132	ALL	610138	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
133	ALL	610188	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
134	ALL	610838	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
135	ALL	610888	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
136	ALL	610938	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
137	ALL	610988	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-04
138	ALL	611038	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04
139	ALL	611088	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
140	ALL	610088	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
141	ALL	610138	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
142	ALL	610188	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
143	ALL	610838	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
144	ALL	610888	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
145	ALL	610938	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-04
146	ALL	610988	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
147	ALL	611038	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-04
148	ALL	611088	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-04
149	ALL	610088	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
150	ALL	610138	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
151	ALL	610188	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
152	ALL	610838	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
153	ALL	610888	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-04
154	ALL	610938	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04
155	ALL	610988	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04
156	ALL	611038	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
157	ALL	611088	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
158	ALL	610088	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
159	ALL	610138	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
160	ALL	610188	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
161	ALL	610238	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
162	ALL	610288	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
163	ALL	610338	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
164	ALL	610388	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
165	ALL	610838	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-04
166	ALL	610888	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-04
167	ALL	610938	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-04
168	ALL	610988	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.10E-04
169	ALL	611038	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-04
170	ALL	611088	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
171	ALL	610088	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
172	ALL	610138	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
173	ALL	610188	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
174	ALL	610238	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
175	ALL	610288	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
176	ALL	610338	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-04
177	ALL	610388	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
178	ALL	610838	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
179	ALL	610888	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04
180	ALL	610938	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04

181	ALL	610988	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
182	ALL	611038	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
183	ALL	611088	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
184	ALL	610088	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
185	ALL	610138	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
186	ALL	610188	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
187	ALL	610238	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
188	ALL	610288	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
189	ALL	610338	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
190	ALL	610888	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
191	ALL	610938	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
192	ALL	610988	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
193	ALL	611038	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
194	ALL	611088	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
195	ALL	610088	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
196	ALL	610138	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
197	ALL	610188	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
198	ALL	610238	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
199	ALL	610288	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
200	ALL	610338	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
201	ALL	610388	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
202	ALL	610788	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
203	ALL	610838	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-04
204	ALL	610888	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
205	ALL	610938	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
206	ALL	610988	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
207	ALL	611038	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
208	ALL	611088	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
209	ALL	609588	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-05
210	ALL	609688	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-05
211	ALL	609788	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-05
212	ALL	609888	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-05
213	ALL	609988	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-05
214	ALL	610088	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
215	ALL	610188	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
216	ALL	610288	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
217	ALL	610388	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
218	ALL	610488	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
219	ALL	610588	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
220	ALL	610688	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
221	ALL	610788	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
222	ALL	610888	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
223	ALL	610988	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
224	ALL	611088	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
225	ALL	611188	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
226	ALL	611288	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
227	ALL	609588	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
228	ALL	609688	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05
229	ALL	609788	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05
230	ALL	609888	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05
231	ALL	609988	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
232	ALL	610088	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
233	ALL	610188	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
234	ALL	610288	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
235	ALL	610388	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
236	ALL	610488	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
237	ALL	610588	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
238	ALL	610688	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
239	ALL	610788	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
240	ALL	610888	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
241	ALL	610988	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04

242	ALL	611088	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
243	ALL	609588	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05
244	ALL	609688	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05
245	ALL	609788	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05
246	ALL	609888	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-05
247	ALL	609988	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
248	ALL	610088	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
249	ALL	610188	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
250	ALL	610288	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
251	ALL	610388	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
252	ALL	610488	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
253	ALL	610588	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
254	ALL	610688	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
255	ALL	609588	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05
256	ALL	609688	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-05
257	ALL	609788	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05
258	ALL	609888	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
259	ALL	609988	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
260	ALL	610088	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
261	ALL	610188	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
262	ALL	610288	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
263	ALL	610388	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
264	ALL	610488	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
265	ALL	610588	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
266	ALL	609588	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-05
267	ALL	609688	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-05
268	ALL	609788	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-05
269	ALL	609888	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
270	ALL	609988	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
271	ALL	610088	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
272	ALL	610188	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
273	ALL	610288	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
274	ALL	610388	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
275	ALL	610488	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
276	ALL	610588	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
277	ALL	609588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05
278	ALL	609688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05
279	ALL	609788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
280	ALL	609888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
281	ALL	609988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
282	ALL	609588	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
283	ALL	609688	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
284	ALL	609788	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
285	ALL	609888	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
286	ALL	609988	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
287	ALL	609588	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05
288	ALL	609688	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-05
289	ALL	609788	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
290	ALL	609888	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
291	ALL	609988	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
292	ALL	609588	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05
293	ALL	609688	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
294	ALL	609788	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
295	ALL	609888	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
296	ALL	609988	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
297	ALL	609588	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05
298	ALL	609688	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
299	ALL	609788	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
300	ALL	609888	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
301	ALL	609988	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
302	ALL	609588	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-05

303	ALL	609688	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
304	ALL	609788	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
305	ALL	609888	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
306	ALL	609988	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
307	ALL	609588	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05
308	ALL	609688	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
309	ALL	609788	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
310	ALL	609888	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
311	ALL	609988	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
312	ALL	611188	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
313	ALL	611288	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
314	ALL	609588	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05
315	ALL	609688	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
316	ALL	609788	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
317	ALL	609888	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
318	ALL	609988	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
319	ALL	611188	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
320	ALL	611288	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
321	ALL	611388	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
322	ALL	611488	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
323	ALL	609588	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05
324	ALL	609688	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-05
325	ALL	609788	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05
326	ALL	609888	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
327	ALL	609988	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
328	ALL	611188	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-04
329	ALL	611288	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
330	ALL	611388	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
331	ALL	611488	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
332	ALL	611588	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
333	ALL	609588	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05
334	ALL	609688	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05
335	ALL	609788	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05
336	ALL	609888	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05
337	ALL	609988	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
338	ALL	611188	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
339	ALL	611288	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
340	ALL	611388	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
341	ALL	611488	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
342	ALL	611588	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
343	ALL	609588	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-05
344	ALL	609688	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-05
345	ALL	609788	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05
346	ALL	609888	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05
347	ALL	609988	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
348	ALL	611188	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
349	ALL	611288	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
350	ALL	611388	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
351	ALL	611488	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
352	ALL	611588	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
353	ALL	609588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05
354	ALL	609688	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.30E-05
355	ALL	609788	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
356	ALL	609888	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05
357	ALL	609988	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05
358	ALL	610088	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
359	ALL	610188	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
360	ALL	610288	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
361	ALL	610388	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
362	ALL	610588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
363	ALL	610688	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04

364	ALL	610788	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-04
365	ALL	610888	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
366	ALL	610988	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
367	ALL	611088	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
368	ALL	611188	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
369	ALL	611288	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
370	ALL	611388	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
371	ALL	611488	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
372	ALL	611588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
373	ALL	609588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05
374	ALL	609688	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
375	ALL	609788	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-05
376	ALL	609888	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05
377	ALL	609988	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-05
378	ALL	610088	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-05
379	ALL	610188	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
380	ALL	610288	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
381	ALL	610388	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
382	ALL	610488	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
383	ALL	610588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
384	ALL	610688	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
385	ALL	610788	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
386	ALL	610888	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
387	ALL	610988	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
388	ALL	611088	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
389	ALL	611188	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
390	ALL	611288	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
391	ALL	611388	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
392	ALL	611488	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
393	ALL	611588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
394	ALL	609588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05
395	ALL	609688	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-05
396	ALL	609788	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
397	ALL	609888	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
398	ALL	609988	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05
399	ALL	610088	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-05
400	ALL	610188	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
401	ALL	610288	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
402	ALL	610388	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
403	ALL	610488	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
404	ALL	610588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
405	ALL	610688	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
406	ALL	610788	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
407	ALL	610888	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
408	ALL	610988	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
409	ALL	611088	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
410	ALL	611188	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
411	ALL	611288	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
412	ALL	611388	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
413	ALL	611488	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
414	ALL	611588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
415	ALL	609588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05
416	ALL	609688	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.32E-05
417	ALL	609788	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05
418	ALL	609888	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05
419	ALL	609988	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-05
420	ALL	610088	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-05
421	ALL	610188	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-05
422	ALL	610288	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
423	ALL	610388	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
424	ALL	610488	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04

425	ALL	610588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
426	ALL	610688	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
427	ALL	610788	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
428	ALL	610888	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
429	ALL	610988	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
430	ALL	611088	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
431	ALL	611188	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
432	ALL	611288	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
433	ALL	611388	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
434	ALL	611488	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
435	ALL	611588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
436	ALL	609588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05
437	ALL	609688	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05
438	ALL	609788	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-05
439	ALL	609888	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
440	ALL	609988	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
441	ALL	610088	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-05
442	ALL	610188	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
443	ALL	610288	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05
444	ALL	610388	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05
445	ALL	610488	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-05
446	ALL	610588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
447	ALL	610688	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
448	ALL	610788	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
449	ALL	610888	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
450	ALL	610988	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
451	ALL	611088	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
452	ALL	611188	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05
453	ALL	611288	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
454	ALL	611388	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05
455	ALL	611488	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05
456	ALL	611588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05
457	ALL	610394.7	4090395	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-04
458	ALL	610363.2	4090393	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
459	ALL	610315.8	4090393	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
460	ALL	610287.4	4090386	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
461	ALL	610241	4090379	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
462	ALL	610212.6	4090353	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
463	ALL	610198.9	4090301	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
464	ALL	610207.4	4090274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
465	ALL	610216.8	4090251	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
466	ALL	610224.2	4090221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
467	ALL	610224.2	4090198	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
468	ALL	610253.6	4090118	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
469	ALL	610403.6	4090153	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
470	ALL	610415.2	4090111	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
471	ALL	610467.5	4090025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
472	ALL	610413.8	4089916	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04
473	ALL	610673.6	4089290	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
474	ALL	611206.2	4089156	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
475	ALL	611849.3	4088791	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05
476	ALL	612492.5	4089832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-05
477	ALL	612263.9	4090647	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05
478	ALL	610949.9	4089967	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
479	ALL	610940	4089959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
480	ALL	610917	4089999	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
481	ALL	610813.7	4090073	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03
482	ALL	610840.4	4090524	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
483	ALL	610546.3	4090670	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
484	ALL	610415.8	4090675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
485	ALL	610386.7	4090523	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04

486	ALL	610388	4090504	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
487	ALL	610390.6	4090488	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
488	ALL	610391.2	4090466	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
489	ALL	610393.8	4090452	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
490	ALL	610393.2	4090431	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
491	ALL	610395.1	4090413	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04

Chronic Risk - Gen-Tie Construction

*HARP - HRACalc v22118 9/26/2024 1:55:30 PM - Chronic Risk - Input File: C:\Users\mmorales\OneDrive - Dudek\14713.51 90 Minto Road Seahawk Project\AQ Data\SEAHAWK_GENTIE_UNM\hra\Seahawk BESS Gen Tie Construction Unm HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		610088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
2	ALL		610138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
3	ALL		610188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
4	ALL		610238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
5	ALL		610288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-04
6	ALL		610338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
7	ALL		610388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
8	ALL		610438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
9	ALL		610488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
10	ALL		610538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
11	ALL		610088	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
12	ALL		610138	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
13	ALL		610188	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
14	ALL		610238	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
15	ALL		610288	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
16	ALL		610338	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
17	ALL		610388	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
18	ALL		610438	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
19	ALL		610488	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
20	ALL		610538	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
21	ALL		610088	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
22	ALL		610138	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
23	ALL		610188	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
24	ALL		610238	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
25	ALL		610288	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
26	ALL		610338	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
27	ALL		610388	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
28	ALL		610438	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
29	ALL		610488	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
30	ALL		610088	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
31	ALL		610138	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
32	ALL		610188	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
33	ALL		610238	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
34	ALL		610288	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
35	ALL		610338	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
36	ALL		610388	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
37	ALL		610438	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
38	ALL		610488	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
39	ALL		610088	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
40	ALL		610138	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
41	ALL		610188	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
42	ALL		610238	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
43	ALL		610288	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
44	ALL		610338	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
45	ALL		610388	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
46	ALL		610438	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
47	ALL		610088	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
48	ALL		610138	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
49	ALL		610188	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
50	ALL		610238	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
51	ALL		610288	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
52	ALL		610338	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
53	ALL		610388	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
54	ALL		610438	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
55	ALL		610088	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
56	ALL		610138	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
57	ALL		610188	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
58	ALL		610238	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04

59	ALL	610288	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
60	ALL	610338	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
61	ALL	610388	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-04
62	ALL	610088	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
63	ALL	610138	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
64	ALL	610188	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
65	ALL	610238	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
66	ALL	610288	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
67	ALL	610338	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
68	ALL	610388	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04
69	ALL	610088	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
70	ALL	610138	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
71	ALL	610188	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
72	ALL	610238	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
73	ALL	610288	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
74	ALL	610338	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.69E-04
75	ALL	610388	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-04
76	ALL	610088	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
77	ALL	610138	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
78	ALL	610188	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
79	ALL	610238	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
80	ALL	610288	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
81	ALL	610338	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
82	ALL	610388	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
83	ALL	610438	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
84	ALL	610938	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
85	ALL	610988	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
86	ALL	610088	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
87	ALL	610138	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.07E-04
88	ALL	610188	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-04
89	ALL	610238	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
90	ALL	610288	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
91	ALL	610338	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
92	ALL	610388	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
93	ALL	610438	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-03
94	ALL	610838	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
95	ALL	610888	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
96	ALL	610938	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
97	ALL	610988	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
98	ALL	611038	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
99	ALL	611088	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
100	ALL	610088	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-04
101	ALL	610138	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04
102	ALL	610188	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
103	ALL	610238	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
104	ALL	610288	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
105	ALL	610338	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
106	ALL	610388	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03
107	ALL	610838	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
108	ALL	610888	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
109	ALL	610938	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
110	ALL	610988	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
111	ALL	611038	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
112	ALL	611088	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
113	ALL	610088	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
114	ALL	610138	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
115	ALL	610188	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
116	ALL	610838	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
117	ALL	610888	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
118	ALL	610938	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
119	ALL	610988	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04

120	ALL	611038	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
121	ALL	611088	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
122	ALL	610088	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04
123	ALL	610138	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
124	ALL	610188	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
125	ALL	610838	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
126	ALL	610888	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
127	ALL	610938	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
128	ALL	610988	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
129	ALL	611038	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
130	ALL	611088	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
131	ALL	610088	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04
132	ALL	610138	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
133	ALL	610188	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
134	ALL	610838	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
135	ALL	610888	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
136	ALL	610938	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
137	ALL	610988	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
138	ALL	611038	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
139	ALL	611088	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
140	ALL	610088	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
141	ALL	610138	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
142	ALL	610188	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
143	ALL	610838	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
144	ALL	610888	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
145	ALL	610938	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
146	ALL	610988	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
147	ALL	611038	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
148	ALL	611088	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
149	ALL	610088	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-04
150	ALL	610138	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-04
151	ALL	610188	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
152	ALL	610838	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
153	ALL	610888	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
154	ALL	610938	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
155	ALL	610988	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
156	ALL	611038	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
157	ALL	611088	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
158	ALL	610088	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
159	ALL	610138	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-04
160	ALL	610188	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.99E-04
161	ALL	610238	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
162	ALL	610288	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
163	ALL	610338	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-03
164	ALL	610388	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
165	ALL	610838	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
166	ALL	610888	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
167	ALL	610938	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
168	ALL	610988	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
169	ALL	611038	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
170	ALL	611088	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
171	ALL	610088	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04
172	ALL	610138	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.43E-04
173	ALL	610188	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
174	ALL	610238	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04
175	ALL	610288	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
176	ALL	610338	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
177	ALL	610388	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
178	ALL	610838	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
179	ALL	610888	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
180	ALL	610938	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04

181	ALL	610988	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
182	ALL	611038	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
183	ALL	611088	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
184	ALL	610088	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
185	ALL	610138	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
186	ALL	610188	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
187	ALL	610238	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-04
188	ALL	610288	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-04
189	ALL	610338	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
190	ALL	610888	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
191	ALL	610938	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
192	ALL	610988	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
193	ALL	611038	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
194	ALL	611088	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
195	ALL	610088	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
196	ALL	610138	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
197	ALL	610188	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
198	ALL	610238	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
199	ALL	610288	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
200	ALL	610338	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
201	ALL	610388	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
202	ALL	610788	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
203	ALL	610838	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
204	ALL	610888	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
205	ALL	610938	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
206	ALL	610988	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
207	ALL	611038	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
208	ALL	611088	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
209	ALL	609588	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05
210	ALL	609688	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
211	ALL	609788	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05
212	ALL	609888	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05
213	ALL	609988	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-05
214	ALL	610088	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
215	ALL	610188	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05
216	ALL	610288	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-05
217	ALL	610388	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
218	ALL	610488	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-05
219	ALL	610588	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-05
220	ALL	610688	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05
221	ALL	610788	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
222	ALL	610888	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
223	ALL	610988	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05
224	ALL	611088	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05
225	ALL	611188	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-05
226	ALL	611288	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-05
227	ALL	609588	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-05
228	ALL	609688	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05
229	ALL	609788	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-05
230	ALL	609888	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-05
231	ALL	609988	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-05
232	ALL	610088	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-05
233	ALL	610188	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-05
234	ALL	610288	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05
235	ALL	610388	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
236	ALL	610488	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
237	ALL	610588	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
238	ALL	610688	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
239	ALL	610788	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
240	ALL	610888	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
241	ALL	610988	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04

242	ALL	611088	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05
243	ALL	609588	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05
244	ALL	609688	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
245	ALL	609788	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-05
246	ALL	609888	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.96E-05
247	ALL	609988	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05
248	ALL	610088	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05
249	ALL	610188	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05
250	ALL	610288	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
251	ALL	610388	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
252	ALL	610488	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
253	ALL	610588	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
254	ALL	610688	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
255	ALL	609588	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
256	ALL	609688	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05
257	ALL	609788	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05
258	ALL	609888	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-05
259	ALL	609988	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
260	ALL	610088	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.52E-05
261	ALL	610188	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
262	ALL	610288	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
263	ALL	610388	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
264	ALL	610488	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
265	ALL	610588	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
266	ALL	609588	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05
267	ALL	609688	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05
268	ALL	609788	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.31E-05
269	ALL	609888	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05
270	ALL	609988	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05
271	ALL	610088	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
272	ALL	610188	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
273	ALL	610288	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
274	ALL	610388	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
275	ALL	610488	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
276	ALL	610588	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
277	ALL	609588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-05
278	ALL	609688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05
279	ALL	609788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05
280	ALL	609888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
281	ALL	609988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
282	ALL	609588	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.09E-05
283	ALL	609688	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-05
284	ALL	609788	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05
285	ALL	609888	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
286	ALL	609988	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
287	ALL	609588	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05
288	ALL	609688	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05
289	ALL	609788	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
290	ALL	609888	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
291	ALL	609988	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
292	ALL	609588	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-05
293	ALL	609688	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.94E-05
294	ALL	609788	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
295	ALL	609888	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
296	ALL	609988	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
297	ALL	609588	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05
298	ALL	609688	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
299	ALL	609788	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
300	ALL	609888	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
301	ALL	609988	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
302	ALL	609588	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-05

303	ALL	609688	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
304	ALL	609788	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
305	ALL	609888	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
306	ALL	609988	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
307	ALL	609588	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
308	ALL	609688	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
309	ALL	609788	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
310	ALL	609888	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-04
311	ALL	609988	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
312	ALL	611188	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
313	ALL	611288	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05
314	ALL	609588	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
315	ALL	609688	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
316	ALL	609788	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
317	ALL	609888	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
318	ALL	609988	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
319	ALL	611188	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
320	ALL	611288	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05
321	ALL	611388	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
322	ALL	611488	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05
323	ALL	609588	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.84E-05
324	ALL	609688	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
325	ALL	609788	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
326	ALL	609888	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
327	ALL	609988	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
328	ALL	611188	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
329	ALL	611288	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-05
330	ALL	611388	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-05
331	ALL	611488	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05
332	ALL	611588	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05
333	ALL	609588	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
334	ALL	609688	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-05
335	ALL	609788	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
336	ALL	609888	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-04
337	ALL	609988	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
338	ALL	611188	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
339	ALL	611288	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05
340	ALL	611388	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-05
341	ALL	611488	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-05
342	ALL	611588	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-05
343	ALL	609588	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05
344	ALL	609688	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
345	ALL	609788	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-05
346	ALL	609888	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
347	ALL	609988	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
348	ALL	611188	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
349	ALL	611288	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05
350	ALL	611388	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
351	ALL	611488	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.30E-05
352	ALL	611588	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.53E-05
353	ALL	609588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
354	ALL	609688	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-05
355	ALL	609788	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
356	ALL	609888	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
357	ALL	609988	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
358	ALL	610088	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
359	ALL	610188	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
360	ALL	610288	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
361	ALL	610388	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
362	ALL	610588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
363	ALL	610688	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.24E-04

364	ALL	610788	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
365	ALL	610888	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
366	ALL	610988	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
367	ALL	611088	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
368	ALL	611188	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
369	ALL	611288	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-05
370	ALL	611388	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-05
371	ALL	611488	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-05
372	ALL	611588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
373	ALL	609588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05
374	ALL	609688	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05
375	ALL	609788	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05
376	ALL	609888	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-05
377	ALL	609988	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
378	ALL	610088	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
379	ALL	610188	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
380	ALL	610288	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-04
381	ALL	610388	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
382	ALL	610488	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
383	ALL	610588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
384	ALL	610688	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
385	ALL	610788	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-04
386	ALL	610888	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
387	ALL	610988	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
388	ALL	611088	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
389	ALL	611188	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
390	ALL	611288	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-05
391	ALL	611388	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-05
392	ALL	611488	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
393	ALL	611588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05
394	ALL	609588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-05
395	ALL	609688	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-05
396	ALL	609788	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-05
397	ALL	609888	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
398	ALL	609988	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
399	ALL	610088	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
400	ALL	610188	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
401	ALL	610288	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
402	ALL	610388	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
403	ALL	610488	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
404	ALL	610588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
405	ALL	610688	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
406	ALL	610788	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
407	ALL	610888	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
408	ALL	610988	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
409	ALL	611088	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
410	ALL	611188	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05
411	ALL	611288	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05
412	ALL	611388	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
413	ALL	611488	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05
414	ALL	611588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-05
415	ALL	609588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
416	ALL	609688	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-05
417	ALL	609788	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-05
418	ALL	609888	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05
419	ALL	609988	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05
420	ALL	610088	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05
421	ALL	610188	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
422	ALL	610288	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
423	ALL	610388	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
424	ALL	610488	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04

425	ALL	610588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
426	ALL	610688	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
427	ALL	610788	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
428	ALL	610888	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
429	ALL	610988	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-05
430	ALL	611088	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
431	ALL	611188	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-05
432	ALL	611288	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-05
433	ALL	611388	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.55E-05
434	ALL	611488	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-05
435	ALL	611588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-05
436	ALL	609588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-05
437	ALL	609688	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05
438	ALL	609788	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05
439	ALL	609888	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05
440	ALL	609988	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-05
441	ALL	610088	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-05
442	ALL	610188	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-05
443	ALL	610288	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
444	ALL	610388	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
445	ALL	610488	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
446	ALL	610588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
447	ALL	610688	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
448	ALL	610788	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-05
449	ALL	610888	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05
450	ALL	610988	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-05
451	ALL	611088	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05
452	ALL	611188	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.24E-05
453	ALL	611288	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-05
454	ALL	611388	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05
455	ALL	611488	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-05
456	ALL	611588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05
457	ALL	610394.7	4090395	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-03
458	ALL	610363.2	4090393	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-03
459	ALL	610315.8	4090393	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
460	ALL	610287.4	4090386	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
461	ALL	610241	4090379	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
462	ALL	610212.6	4090353	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
463	ALL	610198.9	4090301	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
464	ALL	610207.4	4090274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-03
465	ALL	610216.8	4090251	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
466	ALL	610224.2	4090221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
467	ALL	610224.2	4090198	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
468	ALL	610253.6	4090118	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
469	ALL	610403.6	4090153	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-03
470	ALL	610415.2	4090111	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-03
471	ALL	610467.5	4090025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
472	ALL	610413.8	4089916	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
473	ALL	610673.6	4089290	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
474	ALL	611206.2	4089156	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-05
475	ALL	611849.3	4088791	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-05
476	ALL	612492.5	4089832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-05
477	ALL	612263.9	4090647	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-05
478	ALL	610949.9	4089967	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
479	ALL	610940	4089959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
480	ALL	610917	4089999	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
481	ALL	610813.7	4090073	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
482	ALL	610840.4	4090524	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
483	ALL	610546.3	4090670	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
484	ALL	610415.8	4090675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
485	ALL	610386.7	4090523	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-04

486	ALL	610388	4090504	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
487	ALL	610390.6	4090488	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
488	ALL	610391.2	4090466	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
489	ALL	610393.8	4090452	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
490	ALL	610393.2	4090431	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
491	ALL	610395.1	4090413	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03

Chronic Risk -Generators During Commissioning

*HARP - HRACalc v22118 9/26/2024 1:56:29 PM - Chronic Risk - Input File: C:\Users\mmorales\OneDrive - Dudek\14713.51 90 Minto Road Seahawk Project\AQ Data\SEAHAWK_GENS_UNM\hra\Seahawk BESS Generators Construction Unm HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		610088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.38E-05
2	ALL		610138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-05
3	ALL		610188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-05
4	ALL		610238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05
5	ALL		610288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-05
6	ALL		610338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05
7	ALL		610388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
8	ALL		610438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05
9	ALL		610488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
10	ALL		610538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
11	ALL		610088	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-05
12	ALL		610138	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.18E-05
13	ALL		610188	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
14	ALL		610238	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.65E-05
15	ALL		610288	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05
16	ALL		610338	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-05
17	ALL		610388	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05
18	ALL		610438	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-05
19	ALL		610488	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05
20	ALL		610538	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-05
21	ALL		610088	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-05
22	ALL		610138	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05
23	ALL		610188	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05
24	ALL		610238	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-05
25	ALL		610288	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-05
26	ALL		610338	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
27	ALL		610388	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
28	ALL		610438	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
29	ALL		610488	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
30	ALL		610088	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.54E-05
31	ALL		610138	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05
32	ALL		610188	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
33	ALL		610238	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
34	ALL		610288	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
35	ALL		610338	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
36	ALL		610388	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
37	ALL		610438	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
38	ALL		610488	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
39	ALL		610088	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
40	ALL		610138	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
41	ALL		610188	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
42	ALL		610238	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
43	ALL		610288	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
44	ALL		610338	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
45	ALL		610388	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
46	ALL		610438	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
47	ALL		610088	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
48	ALL		610138	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
49	ALL		610188	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
50	ALL		610238	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
51	ALL		610288	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
52	ALL		610338	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
53	ALL		610388	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
54	ALL		610438	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
55	ALL		610088	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
56	ALL		610138	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
57	ALL		610188	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
58	ALL		610238	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04

59	ALL	610288	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
60	ALL	610338	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
61	ALL	610388	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
62	ALL	610088	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04
63	ALL	610138	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
64	ALL	610188	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
65	ALL	610238	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
66	ALL	610288	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
67	ALL	610338	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
68	ALL	610388	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
69	ALL	610088	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
70	ALL	610138	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
71	ALL	610188	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
72	ALL	610238	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
73	ALL	610288	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
74	ALL	610338	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
75	ALL	610388	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
76	ALL	610088	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
77	ALL	610138	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
78	ALL	610188	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
79	ALL	610238	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
80	ALL	610288	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
81	ALL	610338	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
82	ALL	610388	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
83	ALL	610438	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
84	ALL	610938	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
85	ALL	610988	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
86	ALL	610088	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
87	ALL	610138	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
88	ALL	610188	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
89	ALL	610238	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
90	ALL	610288	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
91	ALL	610338	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-04
92	ALL	610388	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
93	ALL	610438	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.52E-04
94	ALL	610838	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
95	ALL	610888	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
96	ALL	610938	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
97	ALL	610988	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-04
98	ALL	611038	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
99	ALL	611088	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
100	ALL	610088	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
101	ALL	610138	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
102	ALL	610188	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
103	ALL	610238	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
104	ALL	610288	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
105	ALL	610338	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
106	ALL	610388	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
107	ALL	610838	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
108	ALL	610888	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
109	ALL	610938	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
110	ALL	610988	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
111	ALL	611038	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
112	ALL	611088	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
113	ALL	610088	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
114	ALL	610138	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
115	ALL	610188	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
116	ALL	610838	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
117	ALL	610888	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-04
118	ALL	610938	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
119	ALL	610988	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04

120	ALL	611038	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
121	ALL	611088	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
122	ALL	610088	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-04
123	ALL	610138	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
124	ALL	610188	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
125	ALL	610838	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
126	ALL	610888	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-04
127	ALL	610938	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-04
128	ALL	610988	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.48E-04
129	ALL	611038	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
130	ALL	611088	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
131	ALL	610088	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
132	ALL	610138	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
133	ALL	610188	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
134	ALL	610838	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
135	ALL	610888	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
136	ALL	610938	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-04
137	ALL	610988	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
138	ALL	611038	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
139	ALL	611088	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-04
140	ALL	610088	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
141	ALL	610138	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
142	ALL	610188	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
143	ALL	610838	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
144	ALL	610888	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
145	ALL	610938	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04
146	ALL	610988	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-04
147	ALL	611038	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
148	ALL	611088	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-04
149	ALL	610088	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
150	ALL	610138	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
151	ALL	610188	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
152	ALL	610838	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
153	ALL	610888	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
154	ALL	610938	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-04
155	ALL	610988	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
156	ALL	611038	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
157	ALL	611088	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
158	ALL	610088	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
159	ALL	610138	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
160	ALL	610188	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
161	ALL	610238	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
162	ALL	610288	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
163	ALL	610338	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
164	ALL	610388	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
165	ALL	610838	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04
166	ALL	610888	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
167	ALL	610938	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-04
168	ALL	610988	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04
169	ALL	611038	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
170	ALL	611088	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
171	ALL	610088	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
172	ALL	610138	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
173	ALL	610188	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
174	ALL	610238	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
175	ALL	610288	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
176	ALL	610338	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
177	ALL	610388	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
178	ALL	610838	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04
179	ALL	610888	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
180	ALL	610938	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-04

181	ALL	610988	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-04
182	ALL	611038	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
183	ALL	611088	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
184	ALL	610088	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
185	ALL	610138	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
186	ALL	610188	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
187	ALL	610238	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
188	ALL	610288	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
189	ALL	610338	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
190	ALL	610888	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04
191	ALL	610938	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
192	ALL	610988	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-04
193	ALL	611038	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
194	ALL	611088	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
195	ALL	610088	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
196	ALL	610138	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
197	ALL	610188	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
198	ALL	610238	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
199	ALL	610288	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
200	ALL	610338	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
201	ALL	610388	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
202	ALL	610788	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-04
203	ALL	610838	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
204	ALL	610888	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
205	ALL	610938	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.74E-04
206	ALL	610988	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
207	ALL	611038	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
208	ALL	611088	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
209	ALL	609588	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.13E-05
210	ALL	609688	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-05
211	ALL	609788	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
212	ALL	609888	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05
213	ALL	609988	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-05
214	ALL	610088	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
215	ALL	610188	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-05
216	ALL	610288	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-05
217	ALL	610388	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-05
218	ALL	610488	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
219	ALL	610588	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-05
220	ALL	610688	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05
221	ALL	610788	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
222	ALL	610888	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
223	ALL	610988	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05
224	ALL	611088	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05
225	ALL	611188	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-05
226	ALL	611288	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.56E-05
227	ALL	609588	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.35E-05
228	ALL	609688	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-05
229	ALL	609788	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05
230	ALL	609888	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05
231	ALL	609988	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-05
232	ALL	610088	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-05
233	ALL	610188	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-05
234	ALL	610288	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-05
235	ALL	610388	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-05
236	ALL	610488	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05
237	ALL	610588	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-05
238	ALL	610688	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-05
239	ALL	610788	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05
240	ALL	610888	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
241	ALL	610988	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-05

242	ALL	611088	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05
243	ALL	609588	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
244	ALL	609688	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05
245	ALL	609788	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-05
246	ALL	609888	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05
247	ALL	609988	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-05
248	ALL	610088	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05
249	ALL	610188	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-05
250	ALL	610288	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05
251	ALL	610388	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-05
252	ALL	610488	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.20E-05
253	ALL	610588	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05
254	ALL	610688	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-05
255	ALL	609588	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-05
256	ALL	609688	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-05
257	ALL	609788	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-05
258	ALL	609888	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-05
259	ALL	609988	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05
260	ALL	610088	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-05
261	ALL	610188	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05
262	ALL	610288	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.87E-05
263	ALL	610388	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-05
264	ALL	610488	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05
265	ALL	610588	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-05
266	ALL	609588	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05
267	ALL	609688	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05
268	ALL	609788	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-05
269	ALL	609888	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05
270	ALL	609988	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-05
271	ALL	610088	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-05
272	ALL	610188	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05
273	ALL	610288	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
274	ALL	610388	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05
275	ALL	610488	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-05
276	ALL	610588	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.11E-05
277	ALL	609588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-05
278	ALL	609688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-05
279	ALL	609788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-05
280	ALL	609888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
281	ALL	609988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-05
282	ALL	609588	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
283	ALL	609688	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
284	ALL	609788	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-05
285	ALL	609888	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-05
286	ALL	609988	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
287	ALL	609588	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-05
288	ALL	609688	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05
289	ALL	609788	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05
290	ALL	609888	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05
291	ALL	609988	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-05
292	ALL	609588	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05
293	ALL	609688	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
294	ALL	609788	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05
295	ALL	609888	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
296	ALL	609988	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
297	ALL	609588	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.12E-05
298	ALL	609688	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05
299	ALL	609788	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
300	ALL	609888	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
301	ALL	609988	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
302	ALL	609588	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05

303	ALL	609688	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05
304	ALL	609788	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
305	ALL	609888	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-04
306	ALL	609988	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
307	ALL	609588	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-05
308	ALL	609688	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
309	ALL	609788	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
310	ALL	609888	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
311	ALL	609988	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
312	ALL	611188	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
313	ALL	611288	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
314	ALL	609588	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05
315	ALL	609688	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
316	ALL	609788	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
317	ALL	609888	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
318	ALL	609988	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
319	ALL	611188	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-04
320	ALL	611288	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
321	ALL	611388	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
322	ALL	611488	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
323	ALL	609588	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-05
324	ALL	609688	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
325	ALL	609788	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
326	ALL	609888	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
327	ALL	609988	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
328	ALL	611188	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
329	ALL	611288	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
330	ALL	611388	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
331	ALL	611488	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
332	ALL	611588	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
333	ALL	609588	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-05
334	ALL	609688	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
335	ALL	609788	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
336	ALL	609888	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
337	ALL	609988	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
338	ALL	611188	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
339	ALL	611288	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
340	ALL	611388	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-04
341	ALL	611488	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
342	ALL	611588	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
343	ALL	609588	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05
344	ALL	609688	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.90E-05
345	ALL	609788	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
346	ALL	609888	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
347	ALL	609988	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
348	ALL	611188	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-04
349	ALL	611288	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
350	ALL	611388	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
351	ALL	611488	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
352	ALL	611588	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
353	ALL	609588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-05
354	ALL	609688	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-05
355	ALL	609788	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
356	ALL	609888	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
357	ALL	609988	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
358	ALL	610088	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
359	ALL	610188	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
360	ALL	610288	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
361	ALL	610388	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
362	ALL	610588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
363	ALL	610688	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04

364	ALL	610788	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
365	ALL	610888	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
366	ALL	610988	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
367	ALL	611088	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
368	ALL	611188	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
369	ALL	611288	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
370	ALL	611388	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
371	ALL	611488	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
372	ALL	611588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
373	ALL	609588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-05
374	ALL	609688	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
375	ALL	609788	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-05
376	ALL	609888	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
377	ALL	609988	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
378	ALL	610088	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-04
379	ALL	610188	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
380	ALL	610288	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
381	ALL	610388	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
382	ALL	610488	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
383	ALL	610588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
384	ALL	610688	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
385	ALL	610788	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-04
386	ALL	610888	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
387	ALL	610988	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
388	ALL	611088	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
389	ALL	611188	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
390	ALL	611288	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
391	ALL	611388	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
392	ALL	611488	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
393	ALL	611588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
394	ALL	609588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05
395	ALL	609688	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05
396	ALL	609788	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
397	ALL	609888	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
398	ALL	609988	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
399	ALL	610088	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
400	ALL	610188	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
401	ALL	610288	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
402	ALL	610388	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
403	ALL	610488	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
404	ALL	610588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
405	ALL	610688	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
406	ALL	610788	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
407	ALL	610888	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
408	ALL	610988	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
409	ALL	611088	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
410	ALL	611188	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
411	ALL	611288	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
412	ALL	611388	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
413	ALL	611488	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
414	ALL	611588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
415	ALL	609588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-05
416	ALL	609688	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-05
417	ALL	609788	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05
418	ALL	609888	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05
419	ALL	609988	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
420	ALL	610088	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
421	ALL	610188	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
422	ALL	610288	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
423	ALL	610388	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
424	ALL	610488	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04

425	ALL	610588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
426	ALL	610688	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
427	ALL	610788	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
428	ALL	610888	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
429	ALL	610988	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
430	ALL	611088	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
431	ALL	611188	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
432	ALL	611288	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
433	ALL	611388	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
434	ALL	611488	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
435	ALL	611588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
436	ALL	609588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.35E-05
437	ALL	609688	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-05
438	ALL	609788	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.38E-05
439	ALL	609888	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-05
440	ALL	609988	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
441	ALL	610088	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
442	ALL	610188	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
443	ALL	610288	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-04
444	ALL	610388	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-04
445	ALL	610488	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
446	ALL	610588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-04
447	ALL	610688	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
448	ALL	610788	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-04
449	ALL	610888	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
450	ALL	610988	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
451	ALL	611088	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
452	ALL	611188	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
453	ALL	611288	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
454	ALL	611388	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
455	ALL	611488	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-04
456	ALL	611588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
457	ALL	610394.7	4090395	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.94E-04
458	ALL	610363.2	4090393	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
459	ALL	610315.8	4090393	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
460	ALL	610287.4	4090386	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
461	ALL	610241	4090379	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
462	ALL	610212.6	4090353	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
463	ALL	610198.9	4090301	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
464	ALL	610207.4	4090274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
465	ALL	610216.8	4090251	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
466	ALL	610224.2	4090221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-04
467	ALL	610224.2	4090198	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
468	ALL	610253.6	4090118	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
469	ALL	610403.6	4090153	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.41E-04
470	ALL	610415.2	4090111	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-04
471	ALL	610467.5	4090025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
472	ALL	610413.8	4089916	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
473	ALL	610673.6	4089290	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05
474	ALL	611206.2	4089156	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05
475	ALL	611849.3	4088791	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
476	ALL	612492.5	4089832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-05
477	ALL	612263.9	4090647	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.58E-05
478	ALL	610949.9	4089967	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
479	ALL	610940	4089959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
480	ALL	610917	4089999	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
481	ALL	610813.7	4090073	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
482	ALL	610840.4	4090524	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
483	ALL	610546.3	4090670	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
484	ALL	610415.8	4090675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
485	ALL	610386.7	4090523	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04

486	ALL	610388	4090504	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
487	ALL	610390.6	4090488	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
488	ALL	610391.2	4090466	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
489	ALL	610393.8	4090452	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
490	ALL	610393.2	4090431	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04
491	ALL	610395.1	4090413	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04

Chronic Risk - Equipment and Trucks During Decommissionnig

*HARP - HRACalc v22118 9/26/2024 1:57:59 PM - Chronic Risk - Input File: C:\Users\mmorales\OneDrive - Dudek\14713.51 90 Minto Road Seahawk Project\AQ Data\SEAHAWK_DECOMM_UNM\hra\Seahawk BESS Decommissioning Unm HRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		610088	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
2	ALL		610138	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
3	ALL		610188	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
4	ALL		610238	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
5	ALL		610288	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
6	ALL		610338	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
7	ALL		610388	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
8	ALL		610438	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-04
9	ALL		610488	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
10	ALL		610538	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
11	ALL		610088	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
12	ALL		610138	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
13	ALL		610188	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
14	ALL		610238	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
15	ALL		610288	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
16	ALL		610338	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
17	ALL		610388	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
18	ALL		610438	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
19	ALL		610488	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
20	ALL		610538	4089612	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
21	ALL		610088	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
22	ALL		610138	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
23	ALL		610188	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
24	ALL		610238	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
25	ALL		610288	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
26	ALL		610338	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
27	ALL		610388	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
28	ALL		610438	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
29	ALL		610488	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
30	ALL		610088	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
31	ALL		610138	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-04
32	ALL		610188	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
33	ALL		610238	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
34	ALL		610288	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
35	ALL		610338	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
36	ALL		610388	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-04
37	ALL		610438	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
38	ALL		610488	4089712	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
39	ALL		610088	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
40	ALL		610138	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
41	ALL		610188	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
42	ALL		610238	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.08E-04
43	ALL		610288	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
44	ALL		610338	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
45	ALL		610388	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
46	ALL		610438	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-04
47	ALL		610088	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
48	ALL		610138	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
49	ALL		610188	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
50	ALL		610238	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
51	ALL		610288	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
52	ALL		610338	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
53	ALL		610388	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04
54	ALL		610438	4089812	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-04
55	ALL		610088	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-04
56	ALL		610138	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
57	ALL		610188	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-04
58	ALL		610238	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-04

59	ALL	610288	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
60	ALL	610338	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-04
61	ALL	610388	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-04
62	ALL	610088	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
63	ALL	610138	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
64	ALL	610188	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
65	ALL	610238	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
66	ALL	610288	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
67	ALL	610338	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
68	ALL	610388	4089912	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-04
69	ALL	610088	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
70	ALL	610138	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
71	ALL	610188	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
72	ALL	610238	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
73	ALL	610288	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
74	ALL	610338	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
75	ALL	610388	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04
76	ALL	610088	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
77	ALL	610138	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
78	ALL	610188	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
79	ALL	610238	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
80	ALL	610288	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
81	ALL	610338	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-04
82	ALL	610388	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
83	ALL	610438	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
84	ALL	610938	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
85	ALL	610988	4090012	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
86	ALL	610088	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
87	ALL	610138	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
88	ALL	610188	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-04
89	ALL	610238	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
90	ALL	610288	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
91	ALL	610338	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
92	ALL	610388	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
93	ALL	610438	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
94	ALL	610838	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-03
95	ALL	610888	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-03
96	ALL	610938	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
97	ALL	610988	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
98	ALL	611038	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04
99	ALL	611088	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.02E-04
100	ALL	610088	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
101	ALL	610138	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
102	ALL	610188	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
103	ALL	610238	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
104	ALL	610288	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
105	ALL	610338	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-04
106	ALL	610388	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
107	ALL	610838	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
108	ALL	610888	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
109	ALL	610938	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
110	ALL	610988	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
111	ALL	611038	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-04
112	ALL	611088	4090112	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
113	ALL	610088	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
114	ALL	610138	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
115	ALL	610188	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
116	ALL	610838	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-03
117	ALL	610888	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
118	ALL	610938	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
119	ALL	610988	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03

120	ALL	611038	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
121	ALL	611088	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-04
122	ALL	610088	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
123	ALL	610138	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
124	ALL	610188	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
125	ALL	610838	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
126	ALL	610888	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
127	ALL	610938	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
128	ALL	610988	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
129	ALL	611038	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-04
130	ALL	611088	4090212	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
131	ALL	610088	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-04
132	ALL	610138	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
133	ALL	610188	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
134	ALL	610838	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-03
135	ALL	610888	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
136	ALL	610938	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
137	ALL	610988	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04
138	ALL	611038	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
139	ALL	611088	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
140	ALL	610088	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-04
141	ALL	610138	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-04
142	ALL	610188	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.52E-04
143	ALL	610838	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
144	ALL	610888	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
145	ALL	610938	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-04
146	ALL	610988	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
147	ALL	611038	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
148	ALL	611088	4090312	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
149	ALL	610088	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
150	ALL	610138	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
151	ALL	610188	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-04
152	ALL	610838	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
153	ALL	610888	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-04
154	ALL	610938	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04
155	ALL	610988	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
156	ALL	611038	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
157	ALL	611088	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
158	ALL	610088	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-04
159	ALL	610138	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
160	ALL	610188	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
161	ALL	610238	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
162	ALL	610288	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
163	ALL	610338	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-04
164	ALL	610388	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-04
165	ALL	610838	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04
166	ALL	610888	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-04
167	ALL	610938	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
168	ALL	610988	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
169	ALL	611038	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
170	ALL	611088	4090412	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
171	ALL	610088	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
172	ALL	610138	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
173	ALL	610188	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
174	ALL	610238	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
175	ALL	610288	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
176	ALL	610338	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04
177	ALL	610388	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
178	ALL	610838	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04
179	ALL	610888	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
180	ALL	610938	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-04

181	ALL	610988	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
182	ALL	611038	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04
183	ALL	611088	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-04
184	ALL	610088	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
185	ALL	610138	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
186	ALL	610188	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
187	ALL	610238	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
188	ALL	610288	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
189	ALL	610338	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
190	ALL	610888	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
191	ALL	610938	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
192	ALL	610988	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
193	ALL	611038	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
194	ALL	611088	4090512	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
195	ALL	610088	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
196	ALL	610138	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
197	ALL	610188	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
198	ALL	610238	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
199	ALL	610288	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
200	ALL	610338	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
201	ALL	610388	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.99E-04
202	ALL	610788	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
203	ALL	610838	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
204	ALL	610888	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
205	ALL	610938	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
206	ALL	610988	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
207	ALL	611038	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
208	ALL	611088	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
209	ALL	609588	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.95E-05
210	ALL	609688	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05
211	ALL	609788	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-05
212	ALL	609888	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05
213	ALL	609988	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
214	ALL	610088	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
215	ALL	610188	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
216	ALL	610288	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
217	ALL	610388	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
218	ALL	610488	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
219	ALL	610588	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
220	ALL	610688	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
221	ALL	610788	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
222	ALL	610888	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
223	ALL	610988	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-04
224	ALL	611088	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
225	ALL	611188	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
226	ALL	611288	4089062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
227	ALL	609588	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-05
228	ALL	609688	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-05
229	ALL	609788	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05
230	ALL	609888	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05
231	ALL	609988	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
232	ALL	610088	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
233	ALL	610188	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
234	ALL	610288	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
235	ALL	610388	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
236	ALL	610488	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
237	ALL	610588	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-04
238	ALL	610688	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
239	ALL	610788	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
240	ALL	610888	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
241	ALL	610988	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04

242	ALL	611088	4089162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
243	ALL	609588	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-05
244	ALL	609688	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.37E-05
245	ALL	609788	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05
246	ALL	609888	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-05
247	ALL	609988	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
248	ALL	610088	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
249	ALL	610188	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
250	ALL	610288	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
251	ALL	610388	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
252	ALL	610488	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
253	ALL	610588	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-04
254	ALL	610688	4089262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-04
255	ALL	609588	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-05
256	ALL	609688	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05
257	ALL	609788	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-05
258	ALL	609888	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-05
259	ALL	609988	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-04
260	ALL	610088	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-04
261	ALL	610188	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
262	ALL	610288	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
263	ALL	610388	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
264	ALL	610488	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
265	ALL	610588	4089362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
266	ALL	609588	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-05
267	ALL	609688	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-05
268	ALL	609788	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05
269	ALL	609888	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
270	ALL	609988	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
271	ALL	610088	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
272	ALL	610188	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
273	ALL	610288	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
274	ALL	610388	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
275	ALL	610488	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
276	ALL	610588	4089462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
277	ALL	609588	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05
278	ALL	609688	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.85E-05
279	ALL	609788	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
280	ALL	609888	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
281	ALL	609988	4089562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
282	ALL	609588	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.15E-05
283	ALL	609688	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-05
284	ALL	609788	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
285	ALL	609888	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
286	ALL	609988	4089662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
287	ALL	609588	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
288	ALL	609688	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05
289	ALL	609788	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
290	ALL	609888	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
291	ALL	609988	4089762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-04
292	ALL	609588	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-05
293	ALL	609688	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
294	ALL	609788	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
295	ALL	609888	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
296	ALL	609988	4089862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
297	ALL	609588	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-05
298	ALL	609688	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
299	ALL	609788	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
300	ALL	609888	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-04
301	ALL	609988	4089962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
302	ALL	609588	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05

303	ALL	609688	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
304	ALL	609788	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
305	ALL	609888	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
306	ALL	609988	4090062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
307	ALL	609588	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05
308	ALL	609688	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
309	ALL	609788	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
310	ALL	609888	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
311	ALL	609988	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
312	ALL	611188	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
313	ALL	611288	4090162	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
314	ALL	609588	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-05
315	ALL	609688	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04
316	ALL	609788	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-04
317	ALL	609888	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04
318	ALL	609988	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
319	ALL	611188	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
320	ALL	611288	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
321	ALL	611388	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
322	ALL	611488	4090262	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-04
323	ALL	609588	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-05
324	ALL	609688	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05
325	ALL	609788	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-05
326	ALL	609888	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
327	ALL	609988	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
328	ALL	611188	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
329	ALL	611288	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
330	ALL	611388	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
331	ALL	611488	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
332	ALL	611588	4090362	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
333	ALL	609588	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-05
334	ALL	609688	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05
335	ALL	609788	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05
336	ALL	609888	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-05
337	ALL	609988	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
338	ALL	611188	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
339	ALL	611288	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
340	ALL	611388	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
341	ALL	611488	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
342	ALL	611588	4090462	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
343	ALL	609588	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
344	ALL	609688	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.90E-05
345	ALL	609788	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-05
346	ALL	609888	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05
347	ALL	609988	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
348	ALL	611188	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
349	ALL	611288	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
350	ALL	611388	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
351	ALL	611488	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
352	ALL	611588	4090562	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-04
353	ALL	609588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-05
354	ALL	609688	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-05
355	ALL	609788	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05
356	ALL	609888	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05
357	ALL	609988	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-05
358	ALL	610088	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-04
359	ALL	610188	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
360	ALL	610288	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
361	ALL	610388	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
362	ALL	610588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
363	ALL	610688	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04

364	ALL	610788	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
365	ALL	610888	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
366	ALL	610988	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
367	ALL	611088	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
368	ALL	611188	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
369	ALL	611288	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-04
370	ALL	611388	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-04
371	ALL	611488	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
372	ALL	611588	4090662	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
373	ALL	609588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-05
374	ALL	609688	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-05
375	ALL	609788	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.78E-05
376	ALL	609888	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-05
377	ALL	609988	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
378	ALL	610088	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.83E-05
379	ALL	610188	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
380	ALL	610288	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-04
381	ALL	610388	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-04
382	ALL	610488	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
383	ALL	610588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
384	ALL	610688	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
385	ALL	610788	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
386	ALL	610888	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
387	ALL	610988	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
388	ALL	611088	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
389	ALL	611188	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
390	ALL	611288	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-04
391	ALL	611388	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
392	ALL	611488	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-04
393	ALL	611588	4090762	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
394	ALL	609588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-05
395	ALL	609688	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05
396	ALL	609788	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.20E-05
397	ALL	609888	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.75E-05
398	ALL	609988	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-05
399	ALL	610088	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
400	ALL	610188	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
401	ALL	610288	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
402	ALL	610388	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
403	ALL	610488	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
404	ALL	610588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
405	ALL	610688	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
406	ALL	610788	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
407	ALL	610888	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
408	ALL	610988	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
409	ALL	611088	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-04
410	ALL	611188	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
411	ALL	611288	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-04
412	ALL	611388	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-04
413	ALL	611488	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
414	ALL	611588	4090862	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
415	ALL	609588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05
416	ALL	609688	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05
417	ALL	609788	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-05
418	ALL	609888	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-05
419	ALL	609988	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05
420	ALL	610088	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-05
421	ALL	610188	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-05
422	ALL	610288	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
423	ALL	610388	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
424	ALL	610488	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04

425	ALL	610588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-04
426	ALL	610688	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-04
427	ALL	610788	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-04
428	ALL	610888	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
429	ALL	610988	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-04
430	ALL	611088	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
431	ALL	611188	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
432	ALL	611288	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
433	ALL	611388	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
434	ALL	611488	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-04
435	ALL	611588	4090962	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-05
436	ALL	609588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-05
437	ALL	609688	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-05
438	ALL	609788	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
439	ALL	609888	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.67E-05
440	ALL	609988	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-05
441	ALL	610088	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-05
442	ALL	610188	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-05
443	ALL	610288	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-05
444	ALL	610388	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-05
445	ALL	610488	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-05
446	ALL	610588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-04
447	ALL	610688	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-04
448	ALL	610788	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
449	ALL	610888	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
450	ALL	610988	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
451	ALL	611088	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
452	ALL	611188	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-05
453	ALL	611288	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
454	ALL	611388	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05
455	ALL	611488	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05
456	ALL	611588	4091062	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.41E-05
457	ALL	610394.7	4090395	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.15E-04
458	ALL	610363.2	4090393	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
459	ALL	610315.8	4090393	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
460	ALL	610287.4	4090386	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
461	ALL	610241	4090379	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-04
462	ALL	610212.6	4090353	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
463	ALL	610198.9	4090301	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
464	ALL	610207.4	4090274	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
465	ALL	610216.8	4090251	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
466	ALL	610224.2	4090221	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
467	ALL	610224.2	4090198	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
468	ALL	610253.6	4090118	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
469	ALL	610403.6	4090153	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
470	ALL	610415.2	4090111	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
471	ALL	610467.5	4090025	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
472	ALL	610413.8	4089916	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-04
473	ALL	610673.6	4089290	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
474	ALL	611206.2	4089156	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
475	ALL	611849.3	4088791	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-05
476	ALL	612492.5	4089832	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
477	ALL	612263.9	4090647	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05
478	ALL	610949.9	4089967	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
479	ALL	610940	4089959	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
480	ALL	610917	4089999	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
481	ALL	610813.7	4090073	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-03
482	ALL	610840.4	4090524	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
483	ALL	610546.3	4090670	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
484	ALL	610415.8	4090675	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-04
485	ALL	610386.7	4090523	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04

486	ALL	610388	4090504	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
487	ALL	610390.6	4090488	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-04
488	ALL	610391.2	4090466	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
489	ALL	610393.8	4090452	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.26E-04
490	ALL	610393.2	4090431	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
491	ALL	610395.1	4090413	NonCancerChronicDerived_InhSoilDermMMilk	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04

Seahawk Energy Storage Facility Project

Generator Sets

							Emission Factors[1]									Emission Rates									
		Rating		Operating Parameters/unit[1]			ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	ROG	NOx	CO	SOx	PM10	PM2.5	CO2	CH4	N2O	CO2e
Equipment Description	Quantity	kW	HP	Load Factor	hr/day	hr/yr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	g/hp-hr	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day	MT/yr	MT/yr	MT/yr	MT/yr
Diesel Generators - 2026	2	3,600	4,828	0.74	2	46	0.14	0.50	2.6	0.0049	0.022	0.022	521.64	0.020944	0.004087	4.41	15.75	81.91	0.15	0.69	0.69	171.46	0.01	0.00	172.03
Diesel Generators - 2027	2	3,600	4,828	0.74	2	216	0.14	0.50	2.6	0.0049	0.022	0.022	521.64	0.020944	0.004087	4.41	15.75	81.91	0.15	0.69	0.69	805.11	0.03	0.01	807.79

Generator sets to be used during commissioning.

Source:

1. Operational information based on applicant input. Current CARB and EPA engine standards for Tier 4 equipment.

Conversions:

1 lb =	453.6	g
1 MT =	2204.623	lb
1 MT =	1000000	g

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 9/20/2024
** File: C:\Lakes\AERMOD View\Seahawk BESS\Seahawk BESS.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Seahawk BESS\Seahawk BESS.isc
   TITLETWO Seahawk BESS Construction
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Seahawk BESS.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Offroad Equipment and Truck Exhaust - On-Site
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 42
** 610520.970, 4090211.803, 36.99, 5.00, 4.65
** 610508.802, 4090197.353, 37.42, 5.00, 4.65
** 610517.168, 4090189.748, 37.23, 5.00, 4.65
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** 610530.857, 4090204.958, 36.67, 5.00, 4.65
** 610541.503, 4090195.832, 36.46, 5.00, 4.65
** 610527.054, 4090182.904, 36.92, 5.00, 4.65
** 610539.222, 4090173.778, 36.46, 5.00, 4.65
** 610551.390, 4090188.988, 36.18, 5.00, 4.65
** 610719.458, 4090047.537, 32.77, 5.00, 4.65
** 610720.219, 4090010.273, 32.82, 5.00, 4.65
** 610836.574, 4089921.295, 31.42, 5.00, 4.65
** 610822.124, 4089896.960, 32.18, 5.00, 4.65
** 610803.112, 4089909.888, 32.31, 5.00, 4.65
** 610787.902, 4089884.792, 33.60, 5.00, 4.65
** 610544.545, 4090084.040, 35.38, 5.00, 4.65
** 610556.713, 4090103.813, 35.14, 5.00, 4.65
** 610550.629, 4090112.178, 35.63, 5.00, 4.65
** 610581.049, 4090148.682, 35.53, 5.00, 4.65
** 610705.769, 4090046.776, 32.81, 5.00, 4.65
** 610708.811, 4090003.428, 32.88, 5.00, 4.65
** 610822.718, 4089921.804, 31.84, 5.00, 4.65
** 610817.773, 4089911.365, 31.98, 5.00, 4.65
** 610799.091, 4089923.453, 32.41, 5.00, 4.65
** 610785.355, 4089901.474, 32.94, 5.00, 4.65
** 610556.231, 4090087.191, 35.10, 5.00, 4.65
** 610571.616, 4090105.873, 35.07, 5.00, 4.65
** 610564.473, 4090111.917, 35.23, 5.00, 4.65
** 610583.154, 4090133.346, 35.38, 5.00, 4.65
** 610693.046, 4090044.883, 32.98, 5.00, 4.65
** 610701.288, 4089995.981, 33.47, 5.00, 4.65
** 610792.498, 4089932.794, 31.94, 5.00, 4.65
** 610783.157, 4089916.310, 32.67, 5.00, 4.65
** 610571.616, 4090090.488, 34.86, 5.00, 4.65
** 610583.704, 4090108.620, 34.96, 5.00, 4.65
** 610577.660, 4090115.214, 35.04, 5.00, 4.65
** 610583.154, 4090120.708, 34.82, 5.00, 4.65
** 610683.155, 4090041.037, 33.02, 5.00, 4.65
** 610694.145, 4089999.827, 33.64, 5.00, 4.65
** 610583.154, 4090094.334, 34.50, 5.00, 4.65
** 610591.396, 4090103.125, 34.40, 5.00, 4.65
** 610675.463, 4090034.993, 33.20, 5.00, 4.65
** 610678.210, 4090023.454, 33.70, 5.00, 4.65
** ------------------------------------------------------------------
   LOCATION L0000001     VOLUME   610517.750 4090207.978 36.99
   LOCATION L0000002     VOLUME   610511.308 4090200.329 37.22
   LOCATION L0000003     VOLUME   610513.323 4090193.243 37.23
   LOCATION L0000004     VOLUME   610520.382 4090193.319 37.02
   LOCATION L0000005     VOLUME   610527.071 4090200.752 36.75
   LOCATION L0000006     VOLUME   610534.153 4090202.133 36.52
   LOCATION L0000007     VOLUME   610541.266 4090195.620 36.35
   LOCATION L0000008     VOLUME   610533.813 4090188.952 36.63
   LOCATION L0000009     VOLUME   610527.798 4090182.346 36.85
   LOCATION L0000010     VOLUME   610535.798 4090176.346 36.59
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LOCATION L0000011 VOLUME 610542.795 4090178.245 36.37
LOCATION L0000012 VOLUME 610549.042 4090186.054 36.17
LOCATION L0000013 VOLUME 610556.166 4090184.968 35.94
LOCATION L0000014 VOLUME 610563.817 4090178.529 35.68
LOCATION L0000015 VOLUME 610571.468 4090172.090 35.48
LOCATION L0000016 VOLUME 610579.118 4090165.651 35.28
LOCATION L0000017 VOLUME 610586.769 4090159.211 35.07
LOCATION L0000018 VOLUME 610594.420 4090152.772 34.91
LOCATION L0000019 VOLUME 610602.071 4090146.333 34.74
LOCATION L0000020 VOLUME 610609.722 4090139.894 34.59
LOCATION L0000021 VOLUME 610617.373 4090133.455 34.46
LOCATION L0000022 VOLUME 610625.024 4090127.015 34.38
LOCATION L0000023 VOLUME 610632.675 4090120.576 34.29
LOCATION L0000024 VOLUME 610640.326 4090114.137 34.18
LOCATION L0000025 VOLUME 610647.977 4090107.698 34.07
LOCATION L0000026 VOLUME 610655.628 4090101.258 33.97
LOCATION L0000027 VOLUME 610663.278 4090094.819 33.87
LOCATION L0000028 VOLUME 610670.929 4090088.380 33.72
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LOCATION L0000036 VOLUME 610719.796 4090030.969 32.57
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LOCATION L0000042 VOLUME 610751.436 4089986.400 32.21
LOCATION L0000043 VOLUME 610759.380 4089980.326 32.07
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LOCATION L0000046 VOLUME 610783.211 4089962.102 31.79
LOCATION L0000047 VOLUME 610791.154 4089956.028 31.69
LOCATION L0000048 VOLUME 610799.098 4089949.953 31.61
LOCATION L0000049 VOLUME 610807.042 4089943.879 31.45
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LOCATION L0000051 VOLUME 610822.929 4089931.730 31.40
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LOCATION L0000053 VOLUME 610835.132 4089918.868 31.42
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LOCATION L0000056 VOLUME 610818.386 4089899.502 32.21
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LOCATION L0000059 VOLUME 610797.136 4089900.028 32.82
LOCATION L0000060 VOLUME 610791.953 4089891.476 33.21

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LOCATION L0000063     VOLUME   610770.738 4089898.845 33.78
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LOCATION L0000065     VOLUME   610755.263 4089911.515 34.03
LOCATION L0000066     VOLUME   610747.525 4089917.850 34.09
LOCATION L0000067     VOLUME   610739.788 4089924.185 34.16
LOCATION L0000068     VOLUME   610732.051 4089930.520 34.21
LOCATION L0000069     VOLUME   610724.313 4089936.855 34.30
LOCATION L0000070     VOLUME   610716.576 4089943.190 34.41
LOCATION L0000071     VOLUME   610708.838 4089949.525 34.47
LOCATION L0000072     VOLUME   610701.101 4089955.860 34.55
LOCATION L0000073     VOLUME   610693.364 4089962.195 34.66
LOCATION L0000074     VOLUME   610685.626 4089968.530 34.74
LOCATION L0000075     VOLUME   610677.889 4089974.865 34.77
LOCATION L0000076     VOLUME   610670.151 4089981.200 34.77
LOCATION L0000077     VOLUME   610662.414 4089987.535 34.72
LOCATION L0000078     VOLUME   610654.676 4089993.870 34.58
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LOCATION L0000080     VOLUME   610639.202 4090006.540 34.30
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LOCATION L0000082     VOLUME   610623.727 4090019.211 33.98
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LOCATION L0000084     VOLUME   610608.252 4090031.881 33.86
LOCATION L0000085     VOLUME   610600.515 4090038.216 34.04
LOCATION L0000086     VOLUME   610592.777 4090044.551 34.21
LOCATION L0000087     VOLUME   610585.040 4090050.886 34.43
LOCATION L0000088     VOLUME   610577.302 4090057.221 34.64
LOCATION L0000089     VOLUME   610569.565 4090063.556 34.83
LOCATION L0000090     VOLUME   610561.827 4090069.891 35.02
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LOCATION L0000092     VOLUME   610546.353 4090082.561 35.32
LOCATION L0000093     VOLUME   610548.562 4090090.568 35.23
LOCATION L0000094     VOLUME   610553.803 4090099.084 35.22
LOCATION L0000095     VOLUME   610554.097 4090107.410 35.33
LOCATION L0000096     VOLUME   610553.257 4090115.331 35.46
LOCATION L0000097     VOLUME   610559.658 4090123.013 35.42
LOCATION L0000098     VOLUME   610566.060 4090130.695 35.35
LOCATION L0000099     VOLUME   610572.462 4090138.378 35.27
LOCATION L0000100     VOLUME   610578.864 4090146.060 35.19
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LOCATION L0000102     VOLUME   610593.894 4090138.187 34.79
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LOCATION L0000105     VOLUME   610617.125 4090119.205 34.34
LOCATION L0000106     VOLUME   610624.869 4090112.878 34.23
LOCATION L0000107     VOLUME   610632.612 4090106.551 34.13
LOCATION L0000108     VOLUME   610640.356 4090100.224 34.03
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LOCATION L0000110     VOLUME   610655.844 4090087.569 33.79
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LOCATION L0000117 VOLUME 610706.156 4090041.262 32.80
LOCATION L0000118 VOLUME 610706.856 4090031.286 32.70
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LOCATION L0000160 VOLUME 610636.028 4090022.512 33.86

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LOCATION L0000232 VOLUME 610601.952 4090065.509 34.04
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LOCATION L0000235 VOLUME 610578.793 4090084.578 34.61
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LOCATION L0000256 VOLUME 610692.003 4090007.859 33.44
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LOCATION L0000259 VOLUME 610677.632 4090013.888 33.62
LOCATION L0000260 VOLUME 610670.018 4090020.371 33.60

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   LOCATION L0000261     VOLUME   610662.404 4090026.854 33.54
   LOCATION L0000262     VOLUME   610654.790 4090033.337 33.46
   LOCATION L0000263     VOLUME   610647.177 4090039.820 33.50
   LOCATION L0000264     VOLUME   610639.563 4090046.303 33.52
   LOCATION L0000265     VOLUME   610631.949 4090052.786 33.57
   LOCATION L0000266     VOLUME   610624.335 4090059.269 33.63
   LOCATION L0000267     VOLUME   610616.721 4090065.752 33.75
   LOCATION L0000268     VOLUME   610609.107 4090072.235 33.94
   LOCATION L0000269     VOLUME   610601.494 4090078.718 34.14
   LOCATION L0000270     VOLUME   610593.880 4090085.201 34.31
   LOCATION L0000271     VOLUME   610586.266 4090091.684 34.48
   LOCATION L0000272     VOLUME   610587.198 4090098.648 34.52
   LOCATION L0000273     VOLUME   610594.397 4090100.694 34.42
   LOCATION L0000274     VOLUME   610602.166 4090094.397 34.24
   LOCATION L0000275     VOLUME   610609.934 4090088.101 34.06
   LOCATION L0000276     VOLUME   610617.703 4090081.805 33.90
   LOCATION L0000277     VOLUME   610625.472 4090075.508 33.78
   LOCATION L0000278     VOLUME   610633.241 4090069.212 33.62
   LOCATION L0000279     VOLUME   610641.010 4090062.915 33.45
   LOCATION L0000280     VOLUME   610648.779 4090056.619 33.43
   LOCATION L0000281     VOLUME   610656.548 4090050.323 33.40
   LOCATION L0000282     VOLUME   610664.317 4090044.026 33.36
   LOCATION L0000283     VOLUME   610672.086 4090037.730 33.26
   LOCATION L0000284     VOLUME   610676.772 4090029.494 33.24
** End of LINE VOLUME Source ID = SLINE1
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE2
** DESCRSRC Offroad Equipment and Truck Exhaust - Gen-Tie
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 5
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** 610474.432, 4090188.600, 37.88, 5.00, 4.65
** 610296.735, 4090197.891, 33.27, 5.00, 4.65
** 610295.574, 4090286.159, 36.35, 5.00, 4.65
** 610331.578, 4090287.320, 38.44, 5.00, 4.65
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   LOCATION L0000286     VOLUME   610497.464 4090201.974 37.49
   LOCATION L0000287     VOLUME   610488.816 4090196.952 37.68
   LOCATION L0000288     VOLUME   610480.168 4090191.931 37.79
   LOCATION L0000289     VOLUME   610471.069 4090188.776 37.89
   LOCATION L0000290     VOLUME   610461.083 4090189.298 37.98
   LOCATION L0000291     VOLUME   610451.097 4090189.820 38.02
   LOCATION L0000292     VOLUME   610441.110 4090190.342 38.06
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   LOCATION L0000293     VOLUME   610431.124 4090190.865 38.09
   LOCATION L0000294     VOLUME   610421.138 4090191.387 38.11
   LOCATION L0000295     VOLUME   610411.151 4090191.909 38.12
   LOCATION L0000296     VOLUME   610401.165 4090192.431 38.10
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   LOCATION L0000298     VOLUME   610381.192 4090193.475 37.88
   LOCATION L0000299     VOLUME   610371.206 4090193.998 37.65
   LOCATION L0000300     VOLUME   610361.219 4090194.520 37.30
   LOCATION L0000301     VOLUME   610351.233 4090195.042 36.81
   LOCATION L0000302     VOLUME   610341.247 4090195.564 36.35
   LOCATION L0000303     VOLUME   610331.260 4090196.086 35.49
   LOCATION L0000304     VOLUME   610321.274 4090196.608 34.63
   LOCATION L0000305     VOLUME   610311.288 4090197.131 33.85
   LOCATION L0000306     VOLUME   610301.301 4090197.653 33.12
   LOCATION L0000307     VOLUME   610296.664 4090203.319 32.97
   LOCATION L0000308     VOLUME   610296.532 4090213.318 33.37
   LOCATION L0000309     VOLUME   610296.401 4090223.317 33.95
   LOCATION L0000310     VOLUME   610296.269 4090233.316 34.54
   LOCATION L0000311     VOLUME   610296.138 4090243.315 35.11
   LOCATION L0000312     VOLUME   610296.006 4090253.315 35.49
   LOCATION L0000313     VOLUME   610295.875 4090263.314 35.87
   LOCATION L0000314     VOLUME   610295.743 4090273.313 36.24
   LOCATION L0000315     VOLUME   610295.611 4090283.312 36.65
   LOCATION L0000316     VOLUME   610302.723 4090286.389 37.35
   LOCATION L0000317     VOLUME   610312.718 4090286.712 38.15
   LOCATION L0000318     VOLUME   610322.713 4090287.034 38.40
** End of LINE VOLUME Source ID = SLINE2
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** DESCRSRC Generators
** Source Parameters **
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   SRCPARAM L0000002     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000003     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000004     0.0035211268      5.00      4.65      4.65
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   SRCPARAM L0000006     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000007     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000008     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000009     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000010     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000011     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000012     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000013     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000014     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000015     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000016     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000017     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000018     0.0035211268      5.00      4.65      4.65
   SRCPARAM L0000019     0.0035211268      5.00      4.65      4.65
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SRCPARAM L0000020     0.0035211268      5.00      4.65      4.65
SRCPARAM L0000021     0.0035211268      5.00      4.65      4.65
SRCPARAM L0000022     0.0035211268      5.00      4.65      4.65
SRCPARAM L0000023     0.0035211268      5.00      4.65      4.65
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   SRCPARAM L0000311     0.0294117647      5.00      4.65      4.65
   SRCPARAM L0000312     0.0294117647      5.00      4.65      4.65
   SRCPARAM L0000313     0.0294117647      5.00      4.65      4.65
   SRCPARAM L0000314     0.0294117647      5.00      4.65      4.65
   SRCPARAM L0000315     0.0294117647      5.00      4.65      4.65
   SRCPARAM L0000316     0.0294117647      5.00      4.65      4.65
   SRCPARAM L0000317     0.0294117647      5.00      4.65      4.65
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   SRCPARAM L0000318     0.0294117647      5.00      4.65      4.65
** ------------------------------------------------------------------
   SRCPARAM STCK1              1.0     3.400   744.300 66.0591138555862       0.3

** Variable Emissions Type: "By Hour / Day (HRDOW)"
** Variable Emission Scenario: "Scenario 1"
** WeekDays:
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000001     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000001     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000002     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000002     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000003     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000003     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000004     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000004     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000005     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000005     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000006     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000006     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000007     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000007     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000008     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000008     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000009     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000009     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000010     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000010     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000011     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT L0000011     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000011     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000012     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000012     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000013     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000013     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000014     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000014     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000015     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000015     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000016     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000016     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000017     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000017     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000018     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000019     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000019     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000020     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000020     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000021     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000021     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000022     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000022     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000023     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000023     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000024     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000024     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000024     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000025     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000025     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000026     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000026     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000027     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000028     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000028     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000029     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000029     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000030     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000030     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000031     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000031     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000032     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000032     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000033     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000033     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000034     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000034     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000035     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000035     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000036     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000037     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000037     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000038     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000038     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000039     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000039     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000039     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000040     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000041     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000041     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000042     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000042     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000043     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000043     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000044     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000044     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000044     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000045     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000045     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000046     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000046     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000047     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000047     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000048     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000048     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000049     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000049     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000050     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000050     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000051     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000051     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000052     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000052     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000053     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000054     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000054     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000055     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000055     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000056     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000056     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000057     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000057     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000057     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000058     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000058     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000058     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000059     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000059     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000059     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000060     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000060     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000060     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000061     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000061     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000061     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
EMISFACT L0000062     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000062     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000259     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000260     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000260     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000261     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000262     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000265     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000274     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000018     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000278     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000279     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000280     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000283     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000284     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WeekDays:
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   EMISFACT L0000285     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000286     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000287     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000289     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000290     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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   EMISFACT L0000291     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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   EMISFACT L0000292     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT L0000292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000294     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000295     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000298     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000302     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
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EMISFACT L0000304     HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
EMISFACT L0000304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000305     HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
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** Saturday:
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EMISFACT L0000307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

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   EMISFACT L0000308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT L0000285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000285     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000286     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000287     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000288     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000289     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000290     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000291     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000292     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000293     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000293     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000293     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000293     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000294     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000294     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000294     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000294     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000295     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000295     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000295     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000295     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000296     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000296     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000296     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000296     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000297     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000297     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000297     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000297     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000298     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000298     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000298     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000298     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000299     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000299     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000299     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000299     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000300     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000300     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000300     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000300     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000301     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000302     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000303     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000304     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000305     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000306     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000307     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000308     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WeekDays:
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW 0.0 4.2 4.2 4.2 4.2 0.0
   EMISFACT STCK1        HRDOW 4.2 4.2 4.2 4.2 0.0 0.0
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT STCK1        HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP SLINE1   L0000001 L0000002 L0000003 L0000004 L0000005 L0000006
   SRCGROUP SLINE1   L0000007 L0000008 L0000009 L0000010 L0000011 L0000012
   SRCGROUP SLINE1   L0000013 L0000014 L0000015 L0000016 L0000017 L0000018
   SRCGROUP SLINE1   L0000019 L0000020 L0000021 L0000022 L0000023 L0000024
   SRCGROUP SLINE1   L0000025 L0000026 L0000027 L0000028 L0000029 L0000030
   SRCGROUP SLINE1   L0000031 L0000032 L0000033 L0000034 L0000035 L0000036
   SRCGROUP SLINE1   L0000037 L0000038 L0000039 L0000040 L0000041 L0000042
```

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   SRCGROUP SLINE1   L0000043 L0000044 L0000045 L0000046 L0000047 L0000048
   SRCGROUP SLINE1   L0000049 L0000050 L0000051 L0000052 L0000053 L0000054
   SRCGROUP SLINE1   L0000055 L0000056 L0000057 L0000058 L0000059 L0000060
   SRCGROUP SLINE1   L0000061 L0000062 L0000063 L0000064 L0000065 L0000066
   SRCGROUP SLINE1   L0000067 L0000068 L0000069 L0000070 L0000071 L0000072
   SRCGROUP SLINE1   L0000073 L0000074 L0000075 L0000076 L0000077 L0000078
   SRCGROUP SLINE1   L0000079 L0000080 L0000081 L0000082 L0000083 L0000084
   SRCGROUP SLINE1   L0000085 L0000086 L0000087 L0000088 L0000089 L0000090
   SRCGROUP SLINE1   L0000091 L0000092 L0000093 L0000094 L0000095 L0000096
   SRCGROUP SLINE1   L0000097 L0000098 L0000099 L0000100 L0000101 L0000102
   SRCGROUP SLINE1   L0000103 L0000104 L0000105 L0000106 L0000107 L0000108
   SRCGROUP SLINE1   L0000109 L0000110 L0000111 L0000112 L0000113 L0000114
   SRCGROUP SLINE1   L0000115 L0000116 L0000117 L0000118 L0000119 L0000120
   SRCGROUP SLINE1   L0000121 L0000122 L0000123 L0000124 L0000125 L0000126
   SRCGROUP SLINE1   L0000127 L0000128 L0000129 L0000130 L0000131 L0000132
   SRCGROUP SLINE1   L0000133 L0000134 L0000135 L0000136 L0000137 L0000138
   SRCGROUP SLINE1   L0000139 L0000140 L0000141 L0000142 L0000143 L0000144
   SRCGROUP SLINE1   L0000145 L0000146 L0000147 L0000148 L0000149 L0000150
   SRCGROUP SLINE1   L0000151 L0000152 L0000153 L0000154 L0000155 L0000156
   SRCGROUP SLINE1   L0000157 L0000158 L0000159 L0000160 L0000161 L0000162
   SRCGROUP SLINE1   L0000163 L0000164 L0000165 L0000166 L0000167 L0000168
   SRCGROUP SLINE1   L0000169 L0000170 L0000171 L0000172 L0000173 L0000174
   SRCGROUP SLINE1   L0000175 L0000176 L0000177 L0000178 L0000179 L0000180
   SRCGROUP SLINE1   L0000181 L0000182 L0000183 L0000184 L0000185 L0000186
   SRCGROUP SLINE1   L0000187 L0000188 L0000189 L0000190 L0000191 L0000192
   SRCGROUP SLINE1   L0000193 L0000194 L0000195 L0000196 L0000197 L0000198
   SRCGROUP SLINE1   L0000199 L0000200 L0000201 L0000202 L0000203 L0000204
   SRCGROUP SLINE1   L0000205 L0000206 L0000207 L0000208 L0000209 L0000210
   SRCGROUP SLINE1   L0000211 L0000212 L0000213 L0000214 L0000215 L0000216
   SRCGROUP SLINE1   L0000217 L0000218 L0000219 L0000220 L0000221 L0000222
   SRCGROUP SLINE1   L0000223 L0000224 L0000225 L0000226 L0000227 L0000228
   SRCGROUP SLINE1   L0000229 L0000230 L0000231 L0000232 L0000233 L0000234
   SRCGROUP SLINE1   L0000235 L0000236 L0000237 L0000238 L0000239 L0000240
   SRCGROUP SLINE1   L0000241 L0000242 L0000243 L0000244 L0000245 L0000246
   SRCGROUP SLINE1   L0000247 L0000248 L0000249 L0000250 L0000251 L0000252
   SRCGROUP SLINE1   L0000253 L0000254 L0000255 L0000256 L0000257 L0000258
   SRCGROUP SLINE1   L0000259 L0000260 L0000261 L0000262 L0000263 L0000264
   SRCGROUP SLINE1   L0000265 L0000266 L0000267 L0000268 L0000269 L0000270
   SRCGROUP SLINE1   L0000271 L0000272 L0000273 L0000274 L0000275 L0000276
   SRCGROUP SLINE1   L0000277 L0000278 L0000279 L0000280 L0000281 L0000282
   SRCGROUP SLINE1   L0000283 L0000284
   SRCGROUP SLINE2   L0000285 L0000286 L0000287 L0000288 L0000289 L0000290
   SRCGROUP SLINE2   L0000291 L0000292 L0000293 L0000294 L0000295 L0000296
   SRCGROUP SLINE2   L0000297 L0000298 L0000299 L0000300 L0000301 L0000302
   SRCGROUP SLINE2   L0000303 L0000304 L0000305 L0000306 L0000307 L0000308
   SRCGROUP SLINE2   L0000309 L0000310 L0000311 L0000312 L0000313 L0000314
   SRCGROUP SLINE2   L0000315 L0000316 L0000317 L0000318
   SRCGROUP STCK1    STCK1
   SRCGROUP ALL
SO FINISHED
```

```
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Seahawk BESS.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.sfc
   PROFFILE KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.PFL
   SURFDATA 23277 2015
   UAIRDATA 23230 2015 OAKLAND/WSO_AP
   PROFBASE 48.8 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "Seahawk BESS.AD\01H1GALL.PLT" 31
   PLOTFILE 1 SLINE1 1ST "Seahawk BESS.AD\01H1G001.PLT" 32
   PLOTFILE 1 SLINE2 1ST "Seahawk BESS.AD\01H1G002.PLT" 33
   PLOTFILE 1 STCK1 1ST "Seahawk BESS.AD\01H1G003.PLT" 34
   PLOTFILE PERIOD ALL "Seahawk BESS.AD\PE00GALL.PLT" 35
   PLOTFILE PERIOD SLINE1 "Seahawk BESS.AD\PE00G001.PLT" 36
   PLOTFILE PERIOD SLINE2 "Seahawk BESS.AD\PE00G002.PLT" 37
   PLOTFILE PERIOD STCK1 "Seahawk BESS.AD\PE00G003.PLT" 38
   SUMMFILE "Seahawk BESS.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
```

```
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 SO W320     752        PPARM: Input Parameter May Be Out-of-Range for Parameter
       VS
 ME W186    4671       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    4671       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                              ***     MODEL SETUP OPTIONS SUMMARY
 ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * Option for Capped & Horiz Stacks Selected With:
          1 Capped Stack(s); and         0 Horizontal Stack(s)
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
```

```
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    319 Source(s);       4 Source Group(s); and     491
Receptor(s)

                with:      1 POINT(s), including
                           1 POINTCAP(s) and      0 POINTHOR(s)
                 and:    318 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  21112

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    48.80 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out
```

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	CAP/ HOR VARY BY	EMIS RATE SCALAR
STCK1	0	0.10000E+01	610639.5	4090100.9	34.0	3.40	744.30	66.06	0.30	NO	NO	CAP	HRDOW

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000001	0	0.35211E-02	610517.8	4090208.0	37.0	5.00	4.65	4.65	NO	HRDOW	NO
L0000002	0	0.35211E-02	610511.3	4090200.3	37.2	5.00	4.65				

```
4.65     NO    HRDOW            NO
 L0000003         0   0.35211E-02  610513.3 4090193.2    37.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000004         0   0.35211E-02  610520.4 4090193.3    37.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000005         0   0.35211E-02  610527.1 4090200.8    36.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000006         0   0.35211E-02  610534.2 4090202.1    36.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000007         0   0.35211E-02  610541.3 4090195.6    36.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000008         0   0.35211E-02  610533.8 4090189.0    36.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000009         0   0.35211E-02  610527.8 4090182.3    36.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000010         0   0.35211E-02  610535.8 4090176.3    36.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000011         0   0.35211E-02  610542.8 4090178.2    36.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000012         0   0.35211E-02  610549.0 4090186.1    36.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000013         0   0.35211E-02  610556.2 4090185.0    35.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000014         0   0.35211E-02  610563.8 4090178.5    35.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000015         0   0.35211E-02  610571.5 4090172.1    35.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000016         0   0.35211E-02  610579.1 4090165.7    35.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000017         0   0.35211E-02  610586.8 4090159.2    35.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000018         0   0.35211E-02  610594.4 4090152.8    34.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000019         0   0.35211E-02  610602.1 4090146.3    34.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000020         0   0.35211E-02  610609.7 4090139.9    34.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000021         0   0.35211E-02  610617.4 4090133.5    34.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000022         0   0.35211E-02  610625.0 4090127.0    34.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000023         0   0.35211E-02  610632.7 4090120.6    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000024         0   0.35211E-02  610640.3 4090114.1    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000025         0   0.35211E-02  610648.0 4090107.7    34.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000026         0   0.35211E-02  610655.6 4090101.3    34.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000027         0   0.35211E-02  610663.3 4090094.8    33.9     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000028         0   0.35211E-02  610670.9 4090088.4    33.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000029         0   0.35211E-02  610678.6 4090081.9    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000030         0   0.35211E-02  610686.2 4090075.5    33.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000031         0   0.35211E-02  610693.9 4090069.1    33.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000032         0   0.35211E-02  610701.5 4090062.6    33.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000033         0   0.35211E-02  610709.2 4090056.2    33.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000034         0   0.35211E-02  610716.8 4090049.7    32.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000035         0   0.35211E-02  610719.6 4090041.0    32.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000036         0   0.35211E-02  610719.8 4090031.0    32.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000037         0   0.35211E-02  610720.0 4090021.0    32.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000038         0   0.35211E-02  610720.2 4090011.0    32.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000039         0   0.35211E-02  610727.6 4090004.6    32.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000040         0   0.35211E-02  610735.5 4089998.5    32.3     5.00     4.65
4.65     NO    HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000041         0   0.35211E-02  610743.5 4089992.5    32.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000042         0   0.35211E-02  610751.4 4089986.4    32.2     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000043         0   0.35211E-02  610759.4 4089980.3    32.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000044         0   0.35211E-02  610767.3 4089974.3    31.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000045         0   0.35211E-02  610775.3 4089968.2    31.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000046         0   0.35211E-02  610783.2 4089962.1    31.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000047         0   0.35211E-02  610791.2 4089956.0    31.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000048         0   0.35211E-02  610799.1 4089950.0    31.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000049         0   0.35211E-02  610807.0 4089943.9    31.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000050         0   0.35211E-02  610815.0 4089937.8    31.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000051         0   0.35211E-02  610822.9 4089931.7    31.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000052         0   0.35211E-02  610830.9 4089925.7    31.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000053         0   0.35211E-02  610835.1 4089918.9    31.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000054         0   0.35211E-02  610830.0 4089910.3    31.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000055         0   0.35211E-02  610824.9 4089901.7    32.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000056         0   0.35211E-02  610818.4 4089899.5    32.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000057         0   0.35211E-02  610810.1 4089905.1    32.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000058         0   0.35211E-02  610802.3 4089908.6    32.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000059         0   0.35211E-02  610797.1 4089900.0    32.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000060         0   0.35211E-02  610792.0 4089891.5    33.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000061         0   0.35211E-02  610786.2 4089886.2    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000062         0   0.35211E-02  610778.5 4089892.5    33.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000063         0   0.35211E-02  610770.7 4089898.8    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000064         0   0.35211E-02  610763.0 4089905.2    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000065         0   0.35211E-02  610755.3 4089911.5    34.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000066         0   0.35211E-02  610747.5 4089917.8    34.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000067         0   0.35211E-02  610739.8 4089924.2    34.2     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000068         0   0.35211E-02  610732.1 4089930.5    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000069         0   0.35211E-02  610724.3 4089936.9    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000070         0   0.35211E-02  610716.6 4089943.2    34.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000071         0   0.35211E-02  610708.8 4089949.5    34.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000072         0   0.35211E-02  610701.1 4089955.9    34.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000073         0   0.35211E-02  610693.4 4089962.2    34.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000074         0   0.35211E-02  610685.6 4089968.5    34.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000075         0   0.35211E-02  610677.9 4089974.9    34.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000076         0   0.35211E-02  610670.2 4089981.2    34.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000077         0   0.35211E-02  610662.4 4089987.5    34.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000078         0   0.35211E-02  610654.7 4089993.9    34.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000079         0   0.35211E-02  610646.9 4090000.2    34.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000080         0   0.35211E-02  610639.2 4090006.5    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                    PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000081         0   0.35211E-02  610631.5 4090012.9    34.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000082         0   0.35211E-02  610623.7 4090019.2    34.0     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000083         0   0.35211E-02  610616.0 4090025.5    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000084         0   0.35211E-02  610608.3 4090031.9    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000085         0   0.35211E-02  610600.5 4090038.2    34.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000086         0   0.35211E-02  610592.8 4090044.6    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000087         0   0.35211E-02  610585.0 4090050.9    34.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000088         0   0.35211E-02  610577.3 4090057.2    34.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000089         0   0.35211E-02  610569.6 4090063.6    34.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000090         0   0.35211E-02  610561.8 4090069.9    35.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000091         0   0.35211E-02  610554.1 4090076.2    35.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000092         0   0.35211E-02  610546.4 4090082.6    35.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000093         0   0.35211E-02  610548.6 4090090.6    35.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000094         0   0.35211E-02  610553.8 4090099.1    35.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000095         0   0.35211E-02  610554.1 4090107.4    35.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000096         0   0.35211E-02  610553.3 4090115.3    35.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000097         0   0.35211E-02  610559.7 4090123.0    35.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000098         0   0.35211E-02  610566.1 4090130.7    35.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000099         0   0.35211E-02  610572.5 4090138.4    35.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000100         0   0.35211E-02  610578.9 4090146.1    35.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000101         0   0.35211E-02  610586.2 4090144.5    35.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000102         0   0.35211E-02  610593.9 4090138.2    34.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000103         0   0.35211E-02  610601.6 4090131.9    34.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000104         0   0.35211E-02  610609.4 4090125.5    34.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000105         0   0.35211E-02  610617.1 4090119.2    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000106         0   0.35211E-02  610624.9 4090112.9    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000107         0   0.35211E-02  610632.6 4090106.6    34.1     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000108         0   0.35211E-02  610640.4 4090100.2    34.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000109         0   0.35211E-02  610648.1 4090093.9    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000110         0   0.35211E-02  610655.8 4090087.6    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000111         0   0.35211E-02  610663.6 4090081.2    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000112         0   0.35211E-02  610671.3 4090074.9    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000113         0   0.35211E-02  610679.1 4090068.6    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000114         0   0.35211E-02  610686.8 4090062.3    33.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000115         0   0.35211E-02  610694.6 4090055.9    33.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000116         0   0.35211E-02  610702.3 4090049.6    32.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000117         0   0.35211E-02  610706.2 4090041.3    32.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000118         0   0.35211E-02  610706.9 4090031.3    32.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000119         0   0.35211E-02  610707.6 4090021.3    32.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000120         0   0.35211E-02  610708.3 4090011.3    32.9     5.00     4.65
4.65     NO    HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000121         0   0.35211E-02  610710.5 4090002.2    32.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000122         0   0.35211E-02  610718.6 4089996.4    32.8     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000123         0   0.35211E-02  610726.8 4089990.6    32.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000124         0   0.35211E-02  610734.9 4089984.7    32.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000125         0   0.35211E-02  610743.0 4089978.9    32.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000126         0   0.35211E-02  610751.1 4089973.1    32.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000127         0   0.35211E-02  610759.3 4089967.3    32.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000128         0   0.35211E-02  610767.4 4089961.4    32.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000129         0   0.35211E-02  610775.5 4089955.6    32.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000130         0   0.35211E-02  610783.7 4089949.8    31.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000131         0   0.35211E-02  610791.8 4089944.0    31.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000132         0   0.35211E-02  610799.9 4089938.1    31.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000133         0   0.35211E-02  610808.0 4089932.3    31.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000134         0   0.35211E-02  610816.2 4089926.5    31.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000135         0   0.35211E-02  610821.9 4089920.0    31.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000136         0   0.35211E-02  610817.4 4089911.6    31.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000137         0   0.35211E-02  610809.1 4089917.0    32.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000138         0   0.35211E-02  610800.7 4089922.4    32.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000139         0   0.35211E-02  610794.8 4089916.6    32.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000140         0   0.35211E-02  610789.5 4089908.1    32.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000141         0   0.35211E-02  610783.6 4089902.9    33.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000142         0   0.35211E-02  610775.9 4089909.2    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000143         0   0.35211E-02  610768.1 4089915.5    33.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000144         0   0.35211E-02  610760.3 4089921.8    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000145         0   0.35211E-02  610752.6 4089928.1    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000146         0   0.35211E-02  610744.8 4089934.4    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000147         0   0.35211E-02  610737.0 4089940.7    33.7     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000148         0   0.35211E-02  610729.2 4089946.9    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000149         0   0.35211E-02  610721.5 4089953.2    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000150         0   0.35211E-02  610713.7 4089959.5    34.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000151         0   0.35211E-02  610705.9 4089965.8    34.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000152         0   0.35211E-02  610698.2 4089972.1    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000153         0   0.35211E-02  610690.4 4089978.4    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000154         0   0.35211E-02  610682.6 4089984.7    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000155         0   0.35211E-02  610674.9 4089991.0    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000156         0   0.35211E-02  610667.1 4089997.3    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000157         0   0.35211E-02  610659.3 4090003.6    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000158         0   0.35211E-02  610651.6 4090009.9    34.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000159         0   0.35211E-02  610643.8 4090016.2    34.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000160         0   0.35211E-02  610636.0 4090022.5    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000161         0   0.35211E-02  610628.3 4090028.8    33.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000162         0   0.35211E-02  610620.5 4090035.1    33.7     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000163         0   0.35211E-02  610612.7 4090041.4    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000164         0   0.35211E-02  610605.0 4090047.7    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000165         0   0.35211E-02  610597.2 4090054.0    34.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000166         0   0.35211E-02  610589.4 4090060.3    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000167         0   0.35211E-02  610581.6 4090066.6    34.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000168         0   0.35211E-02  610573.9 4090072.9    34.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000169         0   0.35211E-02  610566.1 4090079.2    34.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000170         0   0.35211E-02  610558.3 4090085.5    35.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000171         0   0.35211E-02  610560.9 4090092.8    35.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000172         0   0.35211E-02  610567.2 4090100.5    35.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000173         0   0.35211E-02  610569.3 4090107.9    35.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000174         0   0.35211E-02  610566.9 4090114.7    35.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000175         0   0.35211E-02  610573.5 4090122.3    35.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000176         0   0.35211E-02  610580.1 4090129.8    35.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000177         0   0.35211E-02  610587.3 4090130.0    34.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000178         0   0.35211E-02  610595.1 4090123.8    34.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000179         0   0.35211E-02  610602.9 4090117.5    34.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000180         0   0.35211E-02  610610.6 4090111.2    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000181         0   0.35211E-02  610618.4 4090104.9    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000182         0   0.35211E-02  610626.2 4090098.7    34.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000183         0   0.35211E-02  610634.0 4090092.4    34.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000184         0   0.35211E-02  610641.8 4090086.1    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000185         0   0.35211E-02  610649.6 4090079.9    33.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000186         0   0.35211E-02  610657.4 4090073.6    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000187         0   0.35211E-02  610665.2 4090067.3    33.4     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000188         0   0.35211E-02  610673.0 4090061.0    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000189         0   0.35211E-02  610680.8 4090054.8    33.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000190         0   0.35211E-02  610688.5 4090048.5    33.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000191         0   0.35211E-02  610693.7 4090040.7    32.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000192         0   0.35211E-02  610695.4 4090030.9    32.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000193         0   0.35211E-02  610697.1 4090021.0    33.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000194         0   0.35211E-02  610698.7 4090011.1    33.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000195         0   0.35211E-02  610700.4 4090001.3    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000196         0   0.35211E-02  610705.1 4089993.3    33.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000197         0   0.35211E-02  610713.3 4089987.6    33.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000198         0   0.35211E-02  610721.5 4089982.0    33.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000199         0   0.35211E-02  610729.8 4089976.3    32.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000200         0   0.35211E-02  610738.0 4089970.6    32.8     5.00     4.65
4.65     NO    HRDOW            NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY	INIT. SZ	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000201	0	0.35211E-02	610746.2	4089964.9	32.6	5.00	4.65	4.65	NO	HRDOW	NO
L0000202	0	0.35211E-02	610754.4	4089959.2	32.5	5.00	4.65				

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4.65     NO    HRDOW            NO
 L0000203         0   0.35211E-02  610762.6 4089953.5    32.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000204         0   0.35211E-02  610770.9 4089947.8    32.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000205         0   0.35211E-02  610779.1 4089942.1    32.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000206         0   0.35211E-02  610787.3 4089936.4    32.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000207         0   0.35211E-02  610790.7 4089929.6    32.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000208         0   0.35211E-02  610785.8 4089920.9    32.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000209         0   0.35211E-02  610779.5 4089919.3    32.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000210         0   0.35211E-02  610771.8 4089925.7    32.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000211         0   0.35211E-02  610764.1 4089932.0    33.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000212         0   0.35211E-02  610756.4 4089938.4    33.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000213         0   0.35211E-02  610748.6 4089944.7    33.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000214         0   0.35211E-02  610740.9 4089951.1    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000215         0   0.35211E-02  610733.2 4089957.5    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000216         0   0.35211E-02  610725.5 4089963.8    33.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000217         0   0.35211E-02  610717.8 4089970.2    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000218         0   0.35211E-02  610710.0 4089976.5    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000219         0   0.35211E-02  610702.3 4089982.9    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000220         0   0.35211E-02  610694.6 4089989.2    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000221         0   0.35211E-02  610686.9 4089995.6    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000222         0   0.35211E-02  610679.2 4090001.9    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000223         0   0.35211E-02  610671.4 4090008.3    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000224         0   0.35211E-02  610663.7 4090014.7    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000225         0   0.35211E-02  610656.0 4090021.0    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000226         0   0.35211E-02  610648.3 4090027.4    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000227         0   0.35211E-02  610640.6 4090033.7    33.6     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000228         0   0.35211E-02  610632.8 4090040.1    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000229         0   0.35211E-02  610625.1 4090046.4    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000230         0   0.35211E-02  610617.4 4090052.8    33.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000231         0   0.35211E-02  610609.7 4090059.2    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000232         0   0.35211E-02  610602.0 4090065.5    34.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000233         0   0.35211E-02  610594.2 4090071.9    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000234         0   0.35211E-02  610586.5 4090078.2    34.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000235         0   0.35211E-02  610578.8 4090084.6    34.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000236         0   0.35211E-02  610572.0 4090091.1    34.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000237         0   0.35211E-02  610577.6 4090099.4    34.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000238         0   0.35211E-02  610583.1 4090107.7    34.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000239         0   0.35211E-02  610577.7 4090115.2    34.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000240         0   0.35211E-02  610584.9 4090119.3    34.8     5.00     4.65
4.65     NO    HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000241         0   0.35211E-02  610592.7 4090113.1    34.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000242         0   0.35211E-02  610600.5 4090106.9    34.4     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000243         0   0.35211E-02  610608.3 4090100.6    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000244         0   0.35211E-02  610616.2 4090094.4    34.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000245         0   0.35211E-02  610624.0 4090088.2    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000246         0   0.35211E-02  610631.8 4090082.0    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000247         0   0.35211E-02  610639.6 4090075.7    33.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000248         0   0.35211E-02  610647.4 4090069.5    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000249         0   0.35211E-02  610655.3 4090063.3    33.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000250         0   0.35211E-02  610663.1 4090057.0    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000251         0   0.35211E-02  610670.9 4090050.8    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000252         0   0.35211E-02  610678.7 4090044.6    33.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000253         0   0.35211E-02  610684.3 4090036.8    33.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000254         0   0.35211E-02  610686.9 4090027.2    33.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000255         0   0.35211E-02  610689.4 4090017.5    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000256         0   0.35211E-02  610692.0 4090007.9    33.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000257         0   0.35211E-02  610692.9 4090000.9    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000258         0   0.35211E-02  610685.2 4090007.4    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000259         0   0.35211E-02  610677.6 4090013.9    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000260         0   0.35211E-02  610670.0 4090020.4    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000261         0   0.35211E-02  610662.4 4090026.9    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000262         0   0.35211E-02  610654.8 4090033.3    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000263         0   0.35211E-02  610647.2 4090039.8    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000264         0   0.35211E-02  610639.6 4090046.3    33.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000265         0   0.35211E-02  610631.9 4090052.8    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000266         0   0.35211E-02  610624.3 4090059.3    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000267         0   0.35211E-02  610616.7 4090065.8    33.8     5.00     4.65
```

```
4.65     NO    HRDOW            NO
 L0000268         0   0.35211E-02  610609.1 4090072.2    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000269         0   0.35211E-02  610601.5 4090078.7    34.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000270         0   0.35211E-02  610593.9 4090085.2    34.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000271         0   0.35211E-02  610586.3 4090091.7    34.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000272         0   0.35211E-02  610587.2 4090098.6    34.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000273         0   0.35211E-02  610594.4 4090100.7    34.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000274         0   0.35211E-02  610602.2 4090094.4    34.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000275         0   0.35211E-02  610609.9 4090088.1    34.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000276         0   0.35211E-02  610617.7 4090081.8    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000277         0   0.35211E-02  610625.5 4090075.5    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000278         0   0.35211E-02  610633.2 4090069.2    33.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000279         0   0.35211E-02  610641.0 4090062.9    33.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000280         0   0.35211E-02  610648.8 4090056.6    33.4     5.00     4.65
4.65     NO    HRDOW            NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE   AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 L0000281         0   0.35211E-02  610656.5 4090050.3    33.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000282         0   0.35211E-02  610664.3 4090044.0    33.4     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000283         0   0.35211E-02  610672.1 4090037.7    33.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000284         0   0.35211E-02  610676.8 4090029.5    33.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000285         0   0.29412E-01  610506.1 4090207.0    37.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000286         0   0.29412E-01  610497.5 4090202.0    37.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000287         0   0.29412E-01  610488.8 4090197.0    37.7     5.00     4.65
4.65     NO    HRDOW            NO
 L0000288         0   0.29412E-01  610480.2 4090191.9    37.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000289         0   0.29412E-01  610471.1 4090188.8    37.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000290         0   0.29412E-01  610461.1 4090189.3    38.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000291         0   0.29412E-01  610451.1 4090189.8    38.0     5.00     4.65
4.65     NO    HRDOW            NO
 L0000292         0   0.29412E-01  610441.1 4090190.3    38.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000293         0   0.29412E-01  610431.1 4090190.9    38.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000294         0   0.29412E-01  610421.1 4090191.4    38.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000295         0   0.29412E-01  610411.2 4090191.9    38.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000296         0   0.29412E-01  610401.2 4090192.4    38.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000297         0   0.29412E-01  610391.2 4090193.0    38.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000298         0   0.29412E-01  610381.2 4090193.5    37.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000299         0   0.29412E-01  610371.2 4090194.0    37.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000300         0   0.29412E-01  610361.2 4090194.5    37.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000301         0   0.29412E-01  610351.2 4090195.0    36.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000302         0   0.29412E-01  610341.2 4090195.6    36.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000303         0   0.29412E-01  610331.3 4090196.1    35.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000304         0   0.29412E-01  610321.3 4090196.6    34.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000305         0   0.29412E-01  610311.3 4090197.1    33.8     5.00     4.65
4.65     NO    HRDOW            NO
 L0000306         0   0.29412E-01  610301.3 4090197.7    33.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000307         0   0.29412E-01  610296.7 4090203.3    33.0     5.00     4.65
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4.65     NO    HRDOW            NO
 L0000308         0   0.29412E-01  610296.5 4090213.3    33.4     5.00     4.65
4.65     NO    HRDOW            NO
 L0000309         0   0.29412E-01  610296.4 4090223.3    33.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000310         0   0.29412E-01  610296.3 4090233.3    34.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000311         0   0.29412E-01  610296.1 4090243.3    35.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000312         0   0.29412E-01  610296.0 4090253.3    35.5     5.00     4.65
4.65     NO    HRDOW            NO
 L0000313         0   0.29412E-01  610295.9 4090263.3    35.9     5.00     4.65
4.65     NO    HRDOW            NO
 L0000314         0   0.29412E-01  610295.7 4090273.3    36.2     5.00     4.65
4.65     NO    HRDOW            NO
 L0000315         0   0.29412E-01  610295.6 4090283.3    36.6     5.00     4.65
4.65     NO    HRDOW            NO
 L0000316         0   0.29412E-01  610302.7 4090286.4    37.3     5.00     4.65
4.65     NO    HRDOW            NO
 L0000317         0   0.29412E-01  610312.7 4090286.7    38.1     5.00     4.65
4.65     NO    HRDOW            NO
 L0000318         0   0.29412E-01  610322.7 4090287.0    38.4     5.00     4.65
4.65     NO    HRDOW            NO
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                 SOURCE IDs
 -----------                                                 ----------


  SLINE1     L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,

             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

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L0000030    , L0000031    , L0000032    ,
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 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0000161 , L0000162 , L0000163 , L0000164 , L0000165 , L0000166 , L0000167 , L0000168 ,
	L0000169 , L0000170 , L0000171 , L0000172 , L0000173 , L0000174 , L0000175 , L0000176 ,
	L0000177 , L0000178 , L0000179 , L0000180 , L0000181 , L0000182 , L0000183 , L0000184 ,
	L0000185 , L0000186 , L0000187 , L0000188 , L0000189 , L0000190 , L0000191 , L0000192 ,
	L0000193 , L0000194 , L0000195 , L0000196 , L0000197 , L0000198 , L0000199 , L0000200 ,
	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
	L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 ,
	L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 ,
	L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 ,
	L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 ,
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  SLINE2     L0000285    , L0000286    , L0000287    , L0000288    , L0000289    ,
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L0000314    , L0000315    , L0000316    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
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             L0000317    , L0000318    ,

  STCK1      STCK1       ,

  ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
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L0000030    , L0000031    , L0000032    ,
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L0000142    , L0000143    , L0000144    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***        11:56:13

                                    PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 ,
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	L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 ,
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	L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 ,
	L0000249 , L0000250 , L0000251 , L0000252 , L0000253 , L0000254 , L0000255 , L0000256 ,
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L0000294   , L0000295   , L0000296   ,

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L0000302   , L0000303   , L0000304   ,

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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             L0000305   , L0000306   , L0000307   , L0000308   , L0000309   ,
L0000310   , L0000311   , L0000312   ,

             L0000313   , L0000314   , L0000315   , L0000316   , L0000317   ,
L0000318   , STCK1   ,

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000001   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR

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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000003   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000004 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000005 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000006 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000007   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000008 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000009 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000010     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000011     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                   PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000012   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000014   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000015     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0000016   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000017   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000018   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000019   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0000020     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000021     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000022     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000023 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000024 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000026     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000027   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000028   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000029     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000030     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000031   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000032   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000033     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000034   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000035     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                      ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000036     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000037     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000038   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                    PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000041     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000042   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0000043     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000044     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000045 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000046   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000047   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       11:56:13

                                  PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000048     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000049   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000050 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

```
 - - -
```

```
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                            ***       11:56:13

                                   PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000053     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                            DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000054 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000055 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01								
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000056 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01								
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00								

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00								
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00								
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00														

22 .0000E+00   23 .0000E+00   24 .0000E+00

                                          DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000057   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000058 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000059 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00						

```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000060     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000061     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
```

SOURCE ID = L0000062 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000063 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01						

14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000064   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```


```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000065     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
```

WEEK (HRDOW) *

 SOURCE ID = L0000066   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000067   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000068     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000069   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0000070     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000071     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000072     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000073 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.4200E+01				
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01
14	.4200E+01	15	.4200E+01	16	.4200E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000074 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000076     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000077   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000078   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000080     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000081 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000082 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000083     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000084 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000085     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000086     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000087     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000088   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                            ***       11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000091     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000092   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0000093     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000094     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000095 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000096   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000097   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       11:56:13

                                  PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000098     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000099   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000100 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

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 - - -
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000103   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000104 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000105 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000106 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000107   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000108 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000109 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00

6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000110   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000111     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 127
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000112 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000113 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01						

14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000114   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000115 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0000116   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000117   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000118   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000119   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0000120     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000121     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000122     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000123 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000126     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000127   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000128   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000129     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000130     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000131 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000132 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000133     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000136 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 152
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000137     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000138   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

 SOURCE ID = L0000139   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                            ***       11:56:13

                                    PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000141     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000142   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0000143     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000144     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000145 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000146   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000147   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***       11:56:13

                                  PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000148     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000149   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000150 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000151 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - -
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000153   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000154 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000155 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000157   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000158   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000160   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                    PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000161     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                    PAGE 177
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000162 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000163 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01						

14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000164   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0000166   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000168   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000169   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0000170     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000171     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 187
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000172     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000173 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000174 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE 191
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000176     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000177   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000178   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 194
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000179     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 195
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000180     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000181 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.4200E+01				
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01
14	.4200E+01	15	.4200E+01	16	.4200E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000182 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000183     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000184   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000185     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000186     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                    PAGE 202
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000187     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000188   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000189     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE 205
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000190     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       11:56:13

                                  PAGE 206
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000191     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000192   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0000193     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000194     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000195 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000196   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                  DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                  DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000197   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000198     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000199   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000200 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01 14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000201 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- - - -

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000203   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000204 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000205 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000206 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000207   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000208   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                  PAGE 225
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000210     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                   PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000211     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                   PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000212 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000213 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01						

14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000214   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                              DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000215 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0000216   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000217   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000218   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000219   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

```
 SOURCE ID = L0000220     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 236
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000221     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 237
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000222     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000226     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000227   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000228   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000229 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 245
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000230     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000231 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.4200E+01				
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01
14	.4200E+01	15	.4200E+01	16	.4200E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000232 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE 248
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000233     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000234   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000235     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000236     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000237     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000238   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000239     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE 255
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000240     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                    PAGE 256
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000241     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000242   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0000243     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000244     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000245 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000246   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000247   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       11:56:13

                                  PAGE 263
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000248     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000249   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

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 - - -
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000253   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000254 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000255 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000256 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000257   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000258   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000260   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000261     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 277
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000262   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000264   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0000266   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000267   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

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22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       11:56:13

                                  PAGE 283
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000268     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000269   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

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 SOURCE ID = L0000270     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 286
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000271     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 287
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000272     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000273 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000274 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 291
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000276     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000277   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000278   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

```
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 294
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000279     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
                                                    DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                    DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 295
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000280     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000281 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.4200E+01				
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01
14	.4200E+01	15	.4200E+01	16	.4200E+01				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00
6	.0000E+00	7	.0000E+00	8	.0000E+00				
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00
14	.0000E+00	15	.0000E+00	16	.0000E+00				
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00				

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000282 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE 298
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000283     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000284   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000285     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 301
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000286     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 302
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000287     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
```

6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000288   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000289 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000290 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                            ***       11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000291     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
```

14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000292   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

```
 SOURCE ID = L0000293     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000294     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000295 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR				

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000296   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -

                                                    DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01   14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                    DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000297   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000298     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                 DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                 DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
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6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000299   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000300 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
 - - -

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 - - -
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14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000303   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -

                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000304 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000305 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .4200E+01
9 .4200E+01 10 .4200E+01 11 .4200E+01 12 .0000E+00 13 .4200E+01
14 .4200E+01 15 .4200E+01 16 .4200E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00
6 .0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00
14 .0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00
22 .0000E+00 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000306 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000307   ; SOURCE TYPE = VOLUME   :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000308   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000310   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000311     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 327
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000312   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                              DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000314   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - -

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000315 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SUNDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF

WEEK (HRDOW) *

 SOURCE ID = L0000316   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000317   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00

```
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                  PAGE 333
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = L0000318     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13  .4200E+01
14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00
14  .0000E+00   15  .0000E+00   16  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF
WEEK (HRDOW) *

 SOURCE ID = STCK1   ; SOURCE TYPE = POINTCAP :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 -
- -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .4200E+01
    9 .4200E+01   10 .4200E+01   11 .4200E+01   12 .0000E+00   13 .4200E+01
14 .4200E+01   15 .4200E+01   16 .4200E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00
6 .0000E+00   7 .0000E+00   8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00
14 .0000E+00   15 .0000E+00   16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00
22 .0000E+00   23 .0000E+00   24 .0000E+00

                                       *** DISCRETE CARTESIAN RECEPTORS ***
                                      (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

```
     ( 610088.0, 4089561.6,      33.3,      33.3,       0.0);         ( 610138.0,
4089561.6,      33.3,      33.3,       0.0);
     ( 610188.0, 4089561.6,      32.8,      32.8,       0.0);         ( 610238.0,
4089561.6,      32.4,      32.4,       0.0);
     ( 610288.0, 4089561.6,      32.1,      32.1,       0.0);         ( 610338.0,
4089561.6,      31.3,      31.3,       0.0);
     ( 610388.0, 4089561.6,      31.0,      31.0,       0.0);         ( 610438.0,
4089561.6,      30.7,      30.7,       0.0);
     ( 610488.0, 4089561.6,      30.4,      30.4,       0.0);         ( 610538.0,
4089561.6,      29.9,      29.9,       0.0);
     ( 610088.0, 4089611.6,      33.4,      33.4,       0.0);         ( 610138.0,
4089611.6,      33.1,      33.1,       0.0);
     ( 610188.0, 4089611.6,      32.8,      32.8,       0.0);         ( 610238.0,
4089611.6,      32.6,      32.6,       0.0);
     ( 610288.0, 4089611.6,      32.3,      32.3,       0.0);         ( 610338.0,
4089611.6,      31.3,      31.3,       0.0);
     ( 610388.0, 4089611.6,      30.8,      30.8,       0.0);         ( 610438.0,
4089611.6,      30.6,      30.6,       0.0);
     ( 610488.0, 4089611.6,      30.3,      30.3,       0.0);         ( 610538.0,
4089611.6,      29.7,      29.7,       0.0);
     ( 610088.0, 4089661.6,      33.6,      33.6,       0.0);         ( 610138.0,
4089661.6,      33.3,      33.3,       0.0);
     ( 610188.0, 4089661.6,      32.9,      32.9,       0.0);         ( 610238.0,
4089661.6,      32.6,      32.6,       0.0);
     ( 610288.0, 4089661.6,      32.3,      32.3,       0.0);         ( 610338.0,
4089661.6,      31.5,      31.5,       0.0);
     ( 610388.0, 4089661.6,      30.8,      30.8,       0.0);         ( 610438.0,
4089661.6,      30.7,      30.7,       0.0);
     ( 610488.0, 4089661.6,      30.2,      30.2,       0.0);         ( 610088.0,
4089711.6,      33.7,      33.7,       0.0);
     ( 610138.0, 4089711.6,      33.4,      33.4,       0.0);         ( 610188.0,
4089711.6,      33.2,      33.2,       0.0);
     ( 610238.0, 4089711.6,      32.9,      32.9,       0.0);         ( 610288.0,
4089711.6,      32.3,      32.3,       0.0);
     ( 610338.0, 4089711.6,      31.7,      31.7,       0.0);         ( 610388.0,
4089711.6,      31.2,      31.2,       0.0);
     ( 610438.0, 4089711.6,      30.6,      30.6,       0.0);         ( 610488.0,
4089711.6,      30.1,      30.1,       0.0);
     ( 610088.0, 4089761.6,      34.0,      34.0,       0.0);         ( 610138.0,
4089761.6,      33.9,      33.9,       0.0);
     ( 610188.0, 4089761.6,      33.8,      33.8,       0.0);         ( 610238.0,
4089761.6,      33.3,      33.3,       0.0);
     ( 610288.0, 4089761.6,      32.2,      32.2,       0.0);         ( 610338.0,
4089761.6,      31.6,      31.6,       0.0);
     ( 610388.0, 4089761.6,      31.0,      31.0,       0.0);         ( 610438.0,
4089761.6,      30.5,      30.5,       0.0);
     ( 610088.0, 4089811.6,      34.4,      34.4,       0.0);         ( 610138.0,
4089811.6,      34.2,      34.2,       0.0);
     ( 610188.0, 4089811.6,      34.1,      34.1,       0.0);         ( 610238.0,
```

4089811.6,   33.6,   33.6,   0.0);
     (610288.0, 4089811.6,   32.5,   32.5,   0.0);   (610338.0,
4089811.6,   31.5,   31.5,   0.0);
     (610388.0, 4089811.6,   31.0,   31.0,   0.0);   (610438.0,
4089811.6,   30.4,   30.4,   0.0);
     (610088.0, 4089861.6,   36.1,   36.1,   0.0);   (610138.0,
4089861.6,   36.6,   36.6,   0.0);
     (610188.0, 4089861.6,   36.6,   36.6,   0.0);   (610238.0,
4089861.6,   36.1,   36.1,   0.0);
     (610288.0, 4089861.6,   33.3,   33.3,   0.0);   (610338.0,
4089861.6,   31.4,   31.4,   0.0);
     (610388.0, 4089861.6,   30.9,   30.9,   0.0);   (610088.0,
4089911.6,   38.3,   38.3,   0.0);
     (610138.0, 4089911.6,   38.3,   38.3,   0.0);   (610188.0,
4089911.6,   38.3,   38.3,   0.0);
     (610238.0, 4089911.6,   38.1,   38.1,   0.0);   (610288.0,
4089911.6,   34.1,   34.1,   0.0);
     (610338.0, 4089911.6,   31.3,   31.3,   0.0);   (610388.0,
4089911.6,   30.8,   30.8,   0.0);
     (610088.0, 4089961.6,   40.0,   40.0,   0.0);   (610138.0,
4089961.6,   40.0,   40.0,   0.0);
     (610188.0, 4089961.6,   39.9,   39.9,   0.0);   (610238.0,
4089961.6,   39.1,   39.1,   0.0);
     (610288.0, 4089961.6,   34.3,   38.8,   0.0);   (610338.0,
4089961.6,   31.3,   31.3,   0.0);
     (610388.0, 4089961.6,   30.8,   30.8,   0.0);   (610088.0,
4090011.6,   41.5,   41.5,   0.0);
     (610138.0, 4090011.6,   41.2,   41.2,   0.0);   (610188.0,
4090011.6,   40.5,   40.5,   0.0);
     (610238.0, 4090011.6,   38.6,   38.6,   0.0);   (610288.0,
4090011.6,   34.7,   34.7,   0.0);
     (610338.0, 4090011.6,   31.2,   31.2,   0.0);   (610388.0,
4090011.6,   30.7,   30.7,   0.0);
     (610438.0, 4090011.6,   30.8,   30.8,   0.0);   (610938.0,
4090011.6,   29.8,   30.6,   0.0);
     (610988.0, 4090011.6,   25.3,   30.6,   0.0);   (610088.0,
4090061.6,   41.6,   41.6,   0.0);
     (610138.0, 4090061.6,   41.1,   41.1,   0.0);   (610188.0,
4090061.6,   40.5,   40.5,   0.0);
     (610238.0, 4090061.6,   38.8,   38.8,   0.0);   (610288.0,
4090061.6,   32.7,   39.8,   0.0);

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(610338.0, 4090061.6, 30.5, 30.5, 0.0); (610388.0, 4090061.6, 31.0, 35.4, 0.0);
(610438.0, 4090061.6, 33.9, 33.9, 0.0); (610838.0, 4090061.6, 32.2, 32.2, 0.0);
(610888.0, 4090061.6, 28.1, 32.2, 0.0); (610938.0, 4090061.6, 24.3, 32.3, 0.0);
(610988.0, 4090061.6, 20.8, 32.3, 0.0); (611038.0, 4090061.6, 18.9, 30.6, 0.0);
(611088.0, 4090061.6, 18.9, 18.9, 0.0); (610088.0, 4090111.6, 40.8, 40.8, 0.0);
(610138.0, 4090111.6, 39.9, 39.9, 0.0); (610188.0, 4090111.6, 39.6, 39.6, 0.0);
(610238.0, 4090111.6, 38.9, 38.9, 0.0); (610288.0, 4090111.6, 31.9, 40.0, 0.0);
(610338.0, 4090111.6, 30.1, 37.3, 0.0); (610388.0, 4090111.6, 34.2, 37.5, 0.0);
(610838.0, 4090111.6, 28.2, 32.0, 0.0); (610888.0, 4090111.6, 23.1, 33.0, 0.0);
(610938.0, 4090111.6, 20.0, 32.7, 0.0); (610988.0, 4090111.6, 18.9, 18.9, 0.0);
(611038.0, 4090111.6, 18.9, 18.9, 0.0); (611088.0, 4090111.6, 18.9, 18.9, 0.0);
(610088.0, 4090161.6, 41.1, 41.1, 0.0); (610138.0, 4090161.6, 39.5, 39.5, 0.0);
(610188.0, 4090161.6, 38.0, 38.0, 0.0); (610838.0, 4090161.6, 23.1, 33.4, 0.0);
(610888.0, 4090161.6, 19.5, 33.1, 0.0); (610938.0, 4090161.6, 18.9, 18.9, 0.0);
(610988.0, 4090161.6, 18.9, 18.9, 0.0); (611038.0, 4090161.6, 18.9, 18.9, 0.0);
(611088.0, 4090161.6, 18.9, 18.9, 0.0); (610088.0, 4090211.6, 41.4, 41.4, 0.0);
(610138.0, 4090211.6, 39.8, 39.8, 0.0); (610188.0, 4090211.6, 38.6, 38.6, 0.0);
(610838.0, 4090211.6, 19.6, 33.5, 0.0); (610888.0, 4090211.6, 18.9, 18.9, 0.0);
(610938.0, 4090211.6, 18.9, 18.9, 0.0); (610988.0, 4090211.6, 18.9, 18.9, 0.0);
(611038.0, 4090211.6, 18.9, 18.9, 0.0); (611088.0, 4090211.6, 18.9, 18.9, 0.0);
(610088.0, 4090261.6, 41.6, 41.6, 0.0); (610138.0, 4090261.6, 40.3, 40.3, 0.0);
(610188.0, 4090261.6, 38.9, 38.9, 0.0); (610838.0, 4090261.6, 18.9, 18.9, 0.0);
(610888.0, 4090261.6, 18.9, 18.9, 0.0); (610938.0, 4090261.6, 18.9, 18.9, 0.0);
(610988.0, 4090261.6, 18.9, 18.9, 0.0); (611038.0,

4090261.6,   18.9,   18.9,   0.0);
     (611088.0, 4090261.6,   19.0,   19.0,   0.0);   (610088.0,
4090311.6,   41.1,   41.1,   0.0);
     (610138.0, 4090311.6,   39.9,   39.9,   0.0);   (610188.0,
4090311.6,   38.6,   38.6,   0.0);
     (610838.0, 4090311.6,   18.9,   18.9,   0.0);   (610888.0,
4090311.6,   18.9,   18.9,   0.0);
     (610938.0, 4090311.6,   18.9,   18.9,   0.0);   (610988.0,
4090311.6,   18.9,   18.9,   0.0);
     (611038.0, 4090311.6,   19.1,   31.1,   0.0);   (611088.0,
4090311.6,   21.7,   29.4,   0.0);
     (610088.0, 4090361.6,   40.0,   40.0,   0.0);   (610138.0,
4090361.6,   38.4,   38.4,   0.0);
     (610188.0, 4090361.6,   37.0,   37.0,   0.0);   (610838.0,
4090361.6,   18.9,   18.9,   0.0);
     (610888.0, 4090361.6,   19.1,   19.1,   0.0);   (610938.0,
4090361.6,   18.9,   18.9,   0.0);
     (610988.0, 4090361.6,   19.0,   32.0,   0.0);   (611038.0,
4090361.6,   20.1,   33.1,   0.0);
     (611088.0, 4090361.6,   26.1,   31.1,   0.0);   (610088.0,
4090411.6,   39.6,   39.6,   0.0);
     (610138.0, 4090411.6,   38.1,   38.1,   0.0);   (610188.0,
4090411.6,   37.4,   37.4,   0.0);
     (610238.0, 4090411.6,   38.9,   38.9,   0.0);   (610288.0,
4090411.6,   39.3,   39.3,   0.0);
     (610338.0, 4090411.6,   38.5,   38.5,   0.0);   (610388.0,
4090411.6,   37.7,   37.7,   0.0);
     (610838.0, 4090411.6,   21.2,   33.3,   0.0);   (610888.0,
4090411.6,   22.4,   31.7,   0.0);
     (610938.0, 4090411.6,   19.8,   31.7,   0.0);   (610988.0,
4090411.6,   19.6,   33.9,   0.0);
     (611038.0, 4090411.6,   23.2,   33.5,   0.0);   (611088.0,
4090411.6,   29.6,   29.6,   0.0);
     (610088.0, 4090461.6,   38.9,   38.9,   0.0);   (610138.0,
4090461.6,   39.0,   39.0,   0.0);
     (610188.0, 4090461.6,   39.5,   39.5,   0.0);   (610238.0,
4090461.6,   40.0,   40.0,   0.0);
     (610288.0, 4090461.6,   39.7,   39.7,   0.0);   (610338.0,
4090461.6,   38.8,   38.8,   0.0);
     (610388.0, 4090461.6,   37.3,   37.3,   0.0);   (610838.0,
4090461.6,   26.9,   31.7,   0.0);
     (610888.0, 4090461.6,   27.4,   28.5,   0.0);   (610938.0,
4090461.6,   21.9,   34.7,   0.0);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(610988.0, 4090461.6, 22.8, 34.4, 0.0); (611038.0, 4090461.6, 28.7, 33.5, 0.0);
(611088.0, 4090461.6, 32.8, 32.8, 0.0); (610088.0, 4090511.6, 40.0, 40.0, 0.0);
(610138.0, 4090511.6, 40.6, 40.6, 0.0); (610188.0, 4090511.6, 40.9, 40.9, 0.0);
(610238.0, 4090511.6, 40.5, 40.5, 0.0); (610288.0, 4090511.6, 40.1, 40.1, 0.0);
(610338.0, 4090511.6, 39.1, 39.1, 0.0); (610888.0, 4090511.6, 29.3, 33.3, 0.0);
(610938.0, 4090511.6, 23.6, 36.1, 0.0); (610988.0, 4090511.6, 27.6, 34.4, 0.0);
(611038.0, 4090511.6, 33.2, 33.2, 0.0); (611088.0, 4090511.6, 33.7, 33.7, 0.0);
(610088.0, 4090561.6, 41.3, 41.3, 0.0); (610138.0, 4090561.6, 41.8, 41.8, 0.0);
(610188.0, 4090561.6, 41.1, 41.1, 0.0); (610238.0, 4090561.6, 40.7, 40.7, 0.0);
(610288.0, 4090561.6, 40.5, 40.5, 0.0); (610338.0, 4090561.6, 39.2, 39.2, 0.0);
(610388.0, 4090561.6, 36.4, 36.4, 0.0); (610788.0, 4090561.6, 28.3, 36.6, 0.0);
(610838.0, 4090561.6, 34.4, 34.4, 0.0); (610888.0, 4090561.6, 31.3, 36.1, 0.0);
(610938.0, 4090561.6, 26.2, 36.8, 0.0); (610988.0, 4090561.6, 31.6, 33.4, 0.0);
(611038.0, 4090561.6, 34.4, 34.4, 0.0); (611088.0, 4090561.6, 34.5, 34.5, 0.0);
(609588.0, 4089061.6, 34.0, 34.0, 0.0); (609688.0, 4089061.6, 33.3, 33.3, 0.0);
(609788.0, 4089061.6, 32.9, 32.9, 0.0); (609888.0, 4089061.6, 32.4, 32.4, 0.0);
(609988.0, 4089061.6, 32.0, 32.0, 0.0); (610088.0, 4089061.6, 31.4, 31.4, 0.0);
(610188.0, 4089061.6, 30.8, 30.8, 0.0); (610288.0, 4089061.6, 30.2, 30.2, 0.0);
(610388.0, 4089061.6, 29.5, 29.5, 0.0); (610488.0, 4089061.6, 29.0, 29.0, 0.0);
(610588.0, 4089061.6, 28.2, 28.2, 0.0); (610688.0, 4089061.6, 28.1, 28.1, 0.0);
(610788.0, 4089061.6, 27.5, 27.5, 0.0); (610888.0, 4089061.6, 26.9, 26.9, 0.0);
(610988.0, 4089061.6, 25.9, 25.9, 0.0); (611088.0, 4089061.6, 25.4, 25.4, 0.0);
(611188.0, 4089061.6, 25.5, 29.8, 0.0); (611288.0,

```
4089061.6,      24.6,      30.0,       0.0);
     ( 609588.0, 4089161.6,      34.2,      34.2,       0.0);         ( 609688.0,
4089161.6,      33.7,      33.7,       0.0);
     ( 609788.0, 4089161.6,      33.3,      33.3,       0.0);         ( 609888.0,
4089161.6,      32.9,      32.9,       0.0);
     ( 609988.0, 4089161.6,      32.5,      32.5,       0.0);         ( 610088.0,
4089161.6,      32.1,      32.1,       0.0);
     ( 610188.0, 4089161.6,      31.5,      31.5,       0.0);         ( 610288.0,
4089161.6,      30.5,      30.5,       0.0);
     ( 610388.0, 4089161.6,      29.9,      29.9,       0.0);         ( 610488.0,
4089161.6,      29.5,      29.5,       0.0);
     ( 610588.0, 4089161.6,      29.0,      29.0,       0.0);         ( 610688.0,
4089161.6,      28.4,      28.4,       0.0);
     ( 610788.0, 4089161.6,      27.7,      27.7,       0.0);         ( 610888.0,
4089161.6,      27.1,      27.1,       0.0);
     ( 610988.0, 4089161.6,      26.5,      26.5,       0.0);         ( 611088.0,
4089161.6,      26.3,      26.3,       0.0);
     ( 609588.0, 4089261.6,      34.5,      34.5,       0.0);         ( 609688.0,
4089261.6,      34.5,      34.5,       0.0);
     ( 609788.0, 4089261.6,      33.9,      33.9,       0.0);         ( 609888.0,
4089261.6,      33.4,      33.4,       0.0);
     ( 609988.0, 4089261.6,      32.8,      32.8,       0.0);         ( 610088.0,
4089261.6,      32.1,      32.1,       0.0);
     ( 610188.0, 4089261.6,      31.7,      31.7,       0.0);         ( 610288.0,
4089261.6,      31.1,      31.1,       0.0);
     ( 610388.0, 4089261.6,      30.5,      30.5,       0.0);         ( 610488.0,
4089261.6,      30.0,      30.0,       0.0);
     ( 610588.0, 4089261.6,      29.4,      29.4,       0.0);         ( 610688.0,
4089261.6,      28.7,      28.7,       0.0);
     ( 609588.0, 4089361.6,      35.2,      35.2,       0.0);         ( 609688.0,
4089361.6,      35.5,      35.5,       0.0);
     ( 609788.0, 4089361.6,      34.7,      34.7,       0.0);         ( 609888.0,
4089361.6,      33.7,      33.7,       0.0);
     ( 609988.0, 4089361.6,      32.9,      32.9,       0.0);         ( 610088.0,
4089361.6,      32.2,      32.2,       0.0);
     ( 610188.0, 4089361.6,      31.8,      31.8,       0.0);         ( 610288.0,
4089361.6,      31.7,      31.7,       0.0);
     ( 610388.0, 4089361.6,      31.3,      31.3,       0.0);         ( 610488.0,
4089361.6,      30.9,      30.9,       0.0);
     ( 610588.0, 4089361.6,      29.7,      29.7,       0.0);         ( 609588.0,
4089461.6,      36.2,      36.2,       0.0);
     ( 609688.0, 4089461.6,      36.2,      36.2,       0.0);         ( 609788.0,
4089461.6,      35.4,      35.4,       0.0);
     ( 609888.0, 4089461.6,      34.0,      34.0,       0.0);         ( 609988.0,
4089461.6,      33.4,      33.4,       0.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                            ***       11:56:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(610088.0, 4089461.6, 32.9, 32.9, 0.0); (610188.0, 4089461.6, 32.2, 32.2, 0.0);
(610288.0, 4089461.6, 31.9, 31.9, 0.0); (610388.0, 4089461.6, 31.5, 31.5, 0.0);
(610488.0, 4089461.6, 30.7, 30.7, 0.0); (610588.0, 4089461.6, 29.5, 29.5, 0.0);
(609588.0, 4089561.6, 36.7, 36.7, 0.0); (609688.0, 4089561.6, 37.0, 37.0, 0.0);
(609788.0, 4089561.6, 35.6, 35.6, 0.0); (609888.0, 4089561.6, 34.5, 34.5, 0.0);
(609988.0, 4089561.6, 33.9, 33.9, 0.0); (609588.0, 4089661.6, 37.6, 37.6, 0.0);
(609688.0, 4089661.6, 37.2, 37.2, 0.0); (609788.0, 4089661.6, 36.3, 36.3, 0.0);
(609888.0, 4089661.6, 35.0, 35.0, 0.0); (609988.0, 4089661.6, 34.3, 34.3, 0.0);
(609588.0, 4089761.6, 39.0, 39.0, 0.0); (609688.0, 4089761.6, 37.5, 37.5, 0.0);
(609788.0, 4089761.6, 36.0, 36.0, 0.0); (609888.0, 4089761.6, 35.3, 35.3, 0.0);
(609988.0, 4089761.6, 34.7, 34.7, 0.0); (609588.0, 4089861.6, 38.3, 46.3, 0.0);
(609688.0, 4089861.6, 36.8, 36.8, 0.0); (609788.0, 4089861.6, 35.8, 35.8, 0.0);
(609888.0, 4089861.6, 35.1, 35.1, 0.0); (609988.0, 4089861.6, 36.8, 36.8, 0.0);
(609588.0, 4089961.6, 36.6, 36.6, 0.0); (609688.0, 4089961.6, 36.5, 36.5, 0.0);
(609788.0, 4089961.6, 35.7, 35.7, 0.0); (609888.0, 4089961.6, 35.7, 35.7, 0.0);
(609988.0, 4089961.6, 41.8, 41.8, 0.0); (609588.0, 4090061.6, 35.6, 35.6, 0.0);
(609688.0, 4090061.6, 36.0, 36.0, 0.0); (609788.0, 4090061.6, 36.2, 36.2, 0.0);
(609888.0, 4090061.6, 37.3, 43.1, 0.0); (609988.0, 4090061.6, 42.5, 42.5, 0.0);
(609588.0, 4090161.6, 35.0, 35.0, 0.0); (609688.0, 4090161.6, 35.0, 35.0, 0.0);
(609788.0, 4090161.6, 36.8, 43.2, 0.0); (609888.0, 4090161.6, 43.5, 43.5, 0.0);
(609988.0, 4090161.6, 42.4, 42.4, 0.0); (611188.0, 4090161.6, 20.6, 20.6, 0.0);
(611288.0, 4090161.6, 21.9, 22.7, 0.0); (609588.0,

```
4090261.6,      35.0,      35.0,       0.0);
     ( 609688.0, 4090261.6,      35.0,      35.0,       0.0);         ( 609788.0,
4090261.6,      42.8,      42.8,       0.0);
     ( 609888.0, 4090261.6,      43.6,      43.6,       0.0);         ( 609988.0,
4090261.6,      42.7,      42.7,       0.0);
     ( 611188.0, 4090261.6,      22.5,      22.5,       0.0);         ( 611288.0,
4090261.6,      23.6,      23.6,       0.0);
     ( 611388.0, 4090261.6,      18.9,      18.9,       0.0);         ( 611488.0,
4090261.6,      18.9,      18.9,       0.0);
     ( 609588.0, 4090361.6,      35.0,      35.0,       0.0);         ( 609688.0,
4090361.6,      35.0,      35.0,       0.0);
     ( 609788.0, 4090361.6,      43.0,      43.9,       0.0);         ( 609888.0,
4090361.6,      43.6,      43.6,       0.0);
     ( 609988.0, 4090361.6,      42.1,      42.1,       0.0);         ( 611188.0,
4090361.6,      25.0,      25.0,       0.0);
     ( 611288.0, 4090361.6,      25.4,      29.3,       0.0);         ( 611388.0,
4090361.6,      18.9,      18.9,       0.0);
     ( 611488.0, 4090361.6,      19.1,      19.1,       0.0);         ( 611588.0,
4090361.6,      19.1,     522.4,       0.0);
     ( 609588.0, 4090461.6,      35.0,      35.0,       0.0);         ( 609688.0,
4090461.6,      35.0,      44.6,       0.0);
     ( 609788.0, 4090461.6,      44.1,      44.1,       0.0);         ( 609888.0,
4090461.6,      43.8,      43.8,       0.0);
     ( 609988.0, 4090461.6,      41.0,      41.0,       0.0);         ( 611188.0,
4090461.6,      32.4,      32.4,       0.0);
     ( 611288.0, 4090461.6,      25.7,      33.7,       0.0);         ( 611388.0,
4090461.6,      18.9,      18.9,       0.0);
     ( 611488.0, 4090461.6,      19.2,      19.2,       0.0);         ( 611588.0,
4090461.6,      20.0,     522.5,       0.0);
     ( 609588.0, 4090561.6,      35.0,      35.0,       0.0);         ( 609688.0,
4090561.6,      38.9,      45.1,       0.0);
     ( 609788.0, 4090561.6,      44.8,      44.8,       0.0);         ( 609888.0,
4090561.6,      42.6,      42.6,       0.0);
     ( 609988.0, 4090561.6,      43.0,      43.0,       0.0);         ( 611188.0,
4090561.6,      34.6,      34.6,       0.0);
     ( 611288.0, 4090561.6,      28.9,      35.0,       0.0);         ( 611388.0,
4090561.6,      18.9,      35.0,       0.0);
     ( 611488.0, 4090561.6,      19.4,      19.4,       0.0);         ( 611588.0,
4090561.6,      20.7,     522.5,       0.0);
     ( 609588.0, 4090661.6,      35.5,      47.2,       0.0);         ( 609688.0,
4090661.6,      45.6,      45.6,       0.0);
     ( 609788.0, 4090661.6,      45.2,      45.2,       0.0);         ( 609888.0,
4090661.6,      44.9,      44.9,       0.0);
     ( 609988.0, 4090661.6,      44.5,      44.5,       0.0);         ( 610088.0,
4090661.6,      43.9,      43.9,       0.0);
     ( 610188.0, 4090661.6,      42.2,      42.2,       0.0);         ( 610288.0,
4090661.6,      39.2,      39.2,       0.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(610388.0, 4090661.6, 31.8, 39.1, 0.0); (610588.0, 4090661.6, 29.0, 29.0, 0.0);
(610688.0, 4090661.6, 25.8, 38.6, 0.0); (610788.0, 4090661.6, 35.8, 35.8, 0.0);
(610888.0, 4090661.6, 35.4, 35.4, 0.0); (610988.0, 4090661.6, 35.9, 35.9, 0.0);
(611088.0, 4090661.6, 37.0, 37.0, 0.0); (611188.0, 4090661.6, 37.2, 37.2, 0.0);
(611288.0, 4090661.6, 27.4, 38.3, 0.0); (611388.0, 4090661.6, 19.5, 36.0, 0.0);
(611488.0, 4090661.6, 19.8, 19.8, 0.0); (611588.0, 4090661.6, 19.9, 522.5, 0.0);
(609588.0, 4090761.6, 45.9, 46.5, 0.0); (609688.0, 4090761.6, 47.1, 47.1, 0.0);
(609788.0, 4090761.6, 46.5, 46.5, 0.0); (609888.0, 4090761.6, 46.1, 46.1, 0.0);
(609988.0, 4090761.6, 45.6, 45.6, 0.0); (610088.0, 4090761.6, 44.5, 44.5, 0.0);
(610188.0, 4090761.6, 41.2, 41.2, 0.0); (610288.0, 4090761.6, 37.8, 37.8, 0.0);
(610388.0, 4090761.6, 33.2, 37.1, 0.0); (610488.0, 4090761.6, 26.6, 37.6, 0.0);
(610588.0, 4090761.6, 32.8, 32.8, 0.0); (610688.0, 4090761.6, 30.2, 40.3, 0.0);
(610788.0, 4090761.6, 39.0, 39.0, 0.0); (610888.0, 4090761.6, 36.0, 36.0, 0.0);
(610988.0, 4090761.6, 39.2, 39.2, 0.0); (611088.0, 4090761.6, 39.9, 39.9, 0.0);
(611188.0, 4090761.6, 39.6, 39.6, 0.0); (611288.0, 4090761.6, 28.7, 41.3, 0.0);
(611388.0, 4090761.6, 19.7, 41.3, 0.0); (611488.0, 4090761.6, 20.1, 522.5, 0.0);
(611588.0, 4090761.6, 20.0, 523.3, 0.0); (609588.0, 4090861.6, 47.9, 47.9, 0.0);
(609688.0, 4090861.6, 48.0, 48.0, 0.0); (609788.0, 4090861.6, 47.8, 47.8, 0.0);
(609888.0, 4090861.6, 47.1, 47.1, 0.0); (609988.0, 4090861.6, 46.5, 46.5, 0.0);
(610088.0, 4090861.6, 45.5, 45.5, 0.0); (610188.0, 4090861.6, 43.4, 43.4, 0.0);
(610288.0, 4090861.6, 39.6, 39.6, 0.0); (610388.0,

```
4090861.6,      38.6,      38.6,       0.0);
     ( 610488.0, 4090861.6,      28.9,      39.9,       0.0);         ( 610588.0,
4090861.6,      36.2,      36.2,       0.0);
     ( 610688.0, 4090861.6,      37.0,      37.0,       0.0);         ( 610788.0,
4090861.6,      40.3,      40.3,       0.0);
     ( 610888.0, 4090861.6,      37.5,      37.5,       0.0);         ( 610988.0,
4090861.6,      41.1,      41.1,       0.0);
     ( 611088.0, 4090861.6,      42.7,      42.7,       0.0);         ( 611188.0,
4090861.6,      41.8,      41.8,       0.0);
     ( 611288.0, 4090861.6,      30.2,      44.0,       0.0);         ( 611388.0,
4090861.6,      20.4,      44.4,       0.0);
     ( 611488.0, 4090861.6,      20.5,     522.5,       0.0);         ( 611588.0,
4090861.6,      20.6,     523.3,       0.0);
     ( 609588.0, 4090961.6,      41.2,      48.7,       0.0);         ( 609688.0,
4090961.6,      48.1,      48.1,       0.0);
     ( 609788.0, 4090961.6,      48.7,      48.7,       0.0);         ( 609888.0,
4090961.6,      48.4,      48.4,       0.0);
     ( 609988.0, 4090961.6,      47.8,      47.8,       0.0);         ( 610088.0,
4090961.6,      46.4,      46.4,       0.0);
     ( 610188.0, 4090961.6,      43.7,      43.7,       0.0);         ( 610288.0,
4090961.6,      42.1,      42.1,       0.0);
     ( 610388.0, 4090961.6,      38.4,      38.4,       0.0);         ( 610488.0,
4090961.6,      38.6,      38.6,       0.0);
     ( 610588.0, 4090961.6,      38.7,      38.7,       0.0);         ( 610688.0,
4090961.6,      40.8,      40.8,       0.0);
     ( 610788.0, 4090961.6,      42.4,      42.4,       0.0);         ( 610888.0,
4090961.6,      40.3,      40.3,       0.0);
     ( 610988.0, 4090961.6,      43.4,      43.4,       0.0);         ( 611088.0,
4090961.6,      44.9,      44.9,       0.0);
     ( 611188.0, 4090961.6,      43.0,      43.0,       0.0);         ( 611288.0,
4090961.6,      24.0,      46.4,       0.0);
     ( 611388.0, 4090961.6,      21.1,      45.3,       0.0);         ( 611488.0,
4090961.6,      21.3,     522.5,       0.0);
     ( 611588.0, 4090961.6,      21.6,     523.3,       0.0);         ( 609588.0,
4091061.6,      35.3,      48.5,       0.0);
     ( 609688.0, 4091061.6,      36.2,      49.6,       0.0);         ( 609788.0,
4091061.6,      48.6,      48.6,       0.0);
     ( 609888.0, 4091061.6,      49.5,      49.5,       0.0);         ( 609988.0,
4091061.6,      48.3,      48.3,       0.0);
     ( 610088.0, 4091061.6,      45.8,      45.8,       0.0);         ( 610188.0,
4091061.6,      42.9,      42.9,       0.0);
     ( 610288.0, 4091061.6,      41.0,      41.0,       0.0);         ( 610388.0,
4091061.6,      39.4,      39.4,       0.0);
     ( 610488.0, 4091061.6,      43.1,      43.1,       0.0);         ( 610588.0,
4091061.6,      43.6,      43.6,       0.0);
     ( 610688.0, 4091061.6,      39.4,      44.1,       0.0);         ( 610788.0,
4091061.6,      44.5,      44.5,       0.0);
     ( 610888.0, 4091061.6,      43.3,      43.3,       0.0);         ( 610988.0,
4091061.6,      45.9,      45.9,       0.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(611088.0, 4091061.6, 46.2, 46.2, 0.0); (611188.0, 4091061.6, 44.8, 44.8, 0.0);
(611288.0, 4091061.6, 24.4, 49.3, 0.0); (611388.0, 4091061.6, 21.9, 46.4, 0.0);
(611488.0, 4091061.6, 21.7, 522.5, 0.0); (611588.0, 4091061.6, 21.9, 523.3, 0.0);
(610394.7, 4090395.2, 37.7, 37.7, 0.0); (610363.2, 4090393.1, 38.0, 38.0, 0.0);
(610315.8, 4090393.1, 39.0, 39.0, 0.0); (610287.4, 4090385.8, 39.2, 39.2, 0.0);
(610241.0, 4090379.5, 37.8, 37.8, 0.0); (610212.6, 4090353.1, 36.4, 36.4, 0.0);
(610198.9, 4090300.5, 38.3, 38.3, 0.0); (610207.4, 4090274.2, 38.5, 38.5, 0.0);
(610216.8, 4090251.0, 38.4, 38.4, 0.0); (610224.2, 4090220.5, 37.8, 37.8, 0.0);
(610224.2, 4090198.4, 37.2, 37.2, 0.0); (610253.6, 4090118.3, 37.4, 38.6, 0.0);
(610403.6, 4090153.1, 37.7, 37.7, 0.0); (610415.2, 4090111.4, 36.7, 36.7, 0.0);
(610467.5, 4090025.3, 33.0, 33.0, 0.0); (610413.8, 4089916.1, 30.6, 30.6, 0.0);
(610673.6, 4089289.6, 29.2, 29.2, 0.0); (611206.2, 4089155.7, 30.8, 30.8, 0.0);
(611849.3, 4088791.2, 20.8, 20.8, 0.0); (612492.5, 4089831.7, 30.1, 523.3, 0.0);
(612263.9, 4090646.7, 37.5, 523.3, 0.0); (610949.9, 4089967.3, 30.8, 30.8, 0.0);
(610940.0, 4089959.0, 30.9, 30.9, 0.0); (610917.0, 4089999.0, 31.5, 31.5, 0.0);
(610813.7, 4090072.8, 32.7, 32.7, 0.0); (610840.4, 4090523.6, 32.5, 32.5, 0.0);
(610546.3, 4090669.8, 27.6, 29.5, 0.0); (610415.8, 4090675.1, 28.7, 39.7, 0.0);
(610386.7, 4090522.5, 37.1, 37.1, 0.0); (610388.0, 4090503.8, 37.1, 37.1, 0.0);
(610390.6, 4090488.2, 36.9, 36.9, 0.0); (610391.2, 4090465.6, 37.1, 37.1, 0.0);
(610393.8, 4090452.0, 37.1, 37.1, 0.0); (610393.2,

4090431.3,   37.4,   37.4,   0.0);
     (610395.1, 4090413.2,   37.5,   37.5,   0.0);

                                          *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                                  (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

                NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                          (METERS/SEC)

                                                    1.54,   3.09,   5.14,   8.23,
10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.sfc
Met Version: 21112
Profile file: KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23277 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2015 Year: 2015

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
15	01	01	1	01	-6.1	0.100	-9.000	-9.000	-999.	76.	14.8	0.03	0.83	1.00	1.65	348.	10.0	275.4	2.0
15	01	01	1	02	-15.8	0.163	-9.000	-9.000	-999.	158.	29.1	0.02	0.83	1.00	2.67	319.	10.0	274.9	2.0
15	01	01	1	03	-3.7	0.078	-9.000	-9.000	-999.	55.	11.6	0.02	0.83	1.00	1.30	328.	10.0	274.9	2.0
15	01	01	1	04	-5.3	0.093	-9.000	-9.000	-999.	68.	13.8	0.03	0.83	1.00	1.54	345.	10.0	274.2	2.0
15	01	01	1	05	-4.7	0.088	-9.000	-9.000	-999.	62.	13.0	0.03	0.83	1.00	1.45	346.	10.0	273.1	2.0
15	01	01	1	06	-6.2	0.101	-9.000	-9.000	-999.	77.	14.9	0.03	0.83	1.00	1.67	344.	10.0	273.1	2.0
15	01	01	1	07	-2.6	0.068	-9.000	-9.000	-999.	42.	10.7	0.02	0.83	1.00	1.08	75.	10.0	273.1	2.0
15	01	01	1	08	-3.1	0.071	-9.000	-9.000	-999.	46.	10.7	0.02	0.83	0.72	1.21	294.	10.0	273.1	2.0
15	01	01	1	09	-0.1	0.066	-9.000	-9.000	-999.	41.	488.4	0.02	0.83	0.38	1.06	280.	10.0	277.0	2.0
15	01	01	1	10	44.4	0.168	0.765	0.010	366.	165.	-9.7	0.02	0.83	0.26	2.08	118.	10.0	280.4	2.0
15	01	01	1	11	78.4	0.181	0.951	0.009	397.	185.	-6.9	0.03	0.83	0.22	2.08	130.	10.0	283.8	2.0
15	01	01	1	12	97.7	0.248	1.054	0.007	433.	296.	-14.1	0.02	0.83	0.20	3.18	90.	10.0	286.4	2.0
15	01	01	1	13	100.7	0.163	1.128	0.006	516.	160.	-3.9	0.02	0.83	0.20	1.81	114.	10.0	287.0	2.0
15	01	01	1	14	87.8	0.152	1.099	0.005	546.	142.	-3.6	0.03	0.83	0.21	1.60	141.	10.0	287.5	2.0
15	01	01	1	15	59.1	0.212	0.974	0.005	564.	234.	-14.6	0.02	0.83						

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0.24    2.89  190.   10.0  286.4    2.0
 15 01 01   1 16   17.8  0.195  0.655  0.005  570.  207.    -37.6  0.02   0.83
0.32    2.74  232.   10.0  285.9    2.0
 15 01 01   1 17   -3.0  0.073 -9.000 -9.000 -999.   60.     11.8  0.02   0.83
0.55    1.28  256.   10.0  284.9    2.0
 15 01 01   1 18   -2.8  0.069 -9.000 -9.000 -999.   44.     10.6  0.02   0.83
1.00    1.16  297.   10.0  281.4    2.0
 15 01 01   1 19  -12.1  0.143 -9.000 -9.000 -999.  129.     22.4  0.02   0.83
1.00    2.36  314.   10.0  280.4    2.0
 15 01 01   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  279.2    2.0
 15 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  278.8    2.0
 15 01 01   1 22   -6.6  0.104 -9.000 -9.000 -999.   80.     15.3  0.02   0.83
1.00    1.76  302.   10.0  277.5    2.0
 15 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  276.4    2.0
 15 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  275.4    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 15 01 01 01   10.0 1  348.    1.65   275.4   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                   PAGE 343
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                    **
```

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610088.00	4089561.65	0.74509	610138.00	4089561.65	0.82842
610188.00	4089561.65	0.92285	610238.00	4089561.65	1.02487
610288.00	4089561.65	1.13247	610338.00	4089561.65	1.23983
610388.00	4089561.65	1.36504	610438.00	4089561.65	1.52386
610488.00	4089561.65	1.72216	610538.00	4089561.65	1.94005
610088.00	4089611.65	0.78567	610138.00	4089611.65	0.87415
610188.00	4089611.65	0.98050	610238.00	4089611.65	1.10411
610288.00	4089611.65	1.23971	610338.00	4089611.65	1.37583
610388.00	4089611.65	1.52874	610438.00	4089611.65	1.71897
610488.00	4089611.65	1.96237	610538.00	4089611.65	2.23850
610088.00	4089661.65	0.83484	610138.00	4089661.65	0.92997
610188.00	4089661.65	1.04751	610238.00	4089661.65	1.18994
610288.00	4089661.65	1.35462	610338.00	4089661.65	1.53216
610388.00	4089661.65	1.73060	610438.00	4089661.65	1.97291
610488.00	4089661.65	2.26826	610088.00	4089711.65	0.89063
610138.00	4089711.65	0.99638	610188.00	4089711.65	1.12713
610238.00	4089711.65	1.29027	610288.00	4089711.65	1.48577
610338.00	4089711.65	1.71349	610388.00	4089711.65	1.97599
610438.00	4089711.65	2.28596	610488.00	4089711.65	2.67227
610088.00	4089761.65	0.94992	610138.00	4089761.65	1.07264
610188.00	4089761.65	1.22204	610238.00	4089761.65	1.40860
610288.00	4089761.65	1.63842	610338.00	4089761.65	1.92292
610388.00	4089761.65	2.26472	610438.00		

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4089761.65        2.67726
         610088.00    4089811.65        1.01135                        610138.00
4089811.65        1.15392
         610188.00    4089811.65        1.32955                        610238.00
4089811.65        1.54781
         610288.00    4089811.65        1.82117                        610338.00
4089811.65        2.17195
         610388.00    4089811.65        2.62482                        610438.00
4089811.65        3.18906
         610088.00    4089861.65        1.06916                        610138.00
4089861.65        1.22405
         610188.00    4089861.65        1.42525                        610238.00
4089861.65        1.69139
         610288.00    4089861.65        2.04566                        610338.00
4089861.65        2.46585
         610388.00    4089861.65        3.06050                        610088.00
4089911.65        1.10988
         610138.00    4089911.65        1.28254                        610188.00
4089911.65        1.50689
         610238.00    4089911.65        1.80741                        610288.00
4089911.65        2.29249
         610338.00    4089911.65        2.81441                        610388.00
4089911.65        3.58444
         610088.00    4089961.65        1.12000                        610138.00
4089961.65        1.30696
         610188.00    4089961.65        1.55012                        610238.00
4089961.65        1.91388
         610288.00    4089961.65        2.53283                        610338.00
4089961.65        3.19577
         610388.00    4089961.65        4.20520                        610088.00
4090011.65        1.13558
         610138.00    4090011.65        1.33585                        610188.00
4090011.65        1.61315
         610238.00    4090011.65        2.07557                        610288.00
4090011.65        2.74207
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE 344
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
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, L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

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         610888.00    4090161.65        8.36433                      610938.00
4090161.65        6.24442
         610988.00    4090161.65        4.75494                      611038.00
4090161.65        3.66430
         611088.00    4090161.65        2.85292                      610088.00
4090211.65        0.95549
         610138.00    4090211.65        1.13602                      610188.00
4090211.65        1.39308
         610838.00    4090211.65        9.27720                      610888.00
4090211.65        7.19408
         610938.00    4090211.65        5.62148                      610988.00
4090211.65        4.41438
         611038.00    4090211.65        3.49534                      611088.00
4090211.65        2.79215
         610088.00    4090261.65        0.85377                      610138.00
4090261.65        1.00441
         610188.00    4090261.65        1.23645                      610838.00
4090261.65        7.48560
         610888.00    4090261.65        6.11853                      610938.00
4090261.65        4.96652
         610988.00    4090261.65        4.02430                      611038.00
4090261.65        3.26940
         611088.00    4090261.65        2.67222                      610088.00
4090311.65        0.78328
         610138.00    4090311.65        0.92911                      610188.00
4090311.65        1.15020
         610838.00    4090311.65        6.01384                      610888.00
4090311.65        5.12016
         610938.00    4090311.65        4.30865                      610988.00
4090311.65        3.60268
         611038.00    4090311.65        3.00802                      611088.00
4090311.65        2.53490
         610088.00    4090361.65        0.75170                      610138.00
4090361.65        0.91435
         610188.00    4090361.65        1.10937                      610838.00
4090361.65        4.79984
         610888.00    4090361.65        4.23534                      610938.00
4090361.65        3.68161
         610988.00    4090361.65        3.17368                      611038.00
4090361.65        2.73006
         611088.00    4090361.65        2.37889                      610088.00
4090411.65        0.73138
         610138.00    4090411.65        0.87912                      610188.00
4090411.65        1.03859
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610238.00	4090411.65	1.19171	610288.00	4090411.65	1.39461
610338.00	4090411.65	1.72271	610388.00	4090411.65	2.15971
610838.00	4090411.65	3.88267	610888.00	4090411.65	3.52850
610938.00	4090411.65	3.12096	610988.00	4090411.65	2.76076
611038.00	4090411.65	2.45366	611088.00	4090411.65	2.18842
610088.00	4090461.65	0.71681	610138.00	4090461.65	0.81619
610188.00	4090461.65	0.92278	610238.00	4090461.65	1.04800
610288.00	4090461.65	1.22463	610338.00	4090461.65	1.49182
610388.00	4090461.65	1.84278	610838.00	4090461.65	3.18487
610888.00	4090461.65	2.93907	610938.00	4090461.65	2.63960
610988.00	4090461.65	2.39584	611038.00	4090461.65	2.18986
611088.00	4090461.65	1.97419	610088.00	4090511.65	0.66543
610138.00	4090511.65	0.73639	610188.00	4090511.65	0.82077
610238.00	4090511.65	0.93300	610288.00		

4090511.65 1.08811
610338.00 4090511.65 1.30926 610888.00
4090511.65 2.43514
610938.00 4090511.65 2.22889 610988.00
4090511.65 2.07467
611038.00 4090511.65 1.91839 611088.00
4090511.65 1.75005
610088.00 4090561.65 0.61216 610138.00
4090561.65 0.66799
610188.00 4090561.65 0.74673 610238.00
4090561.65 0.84727
610288.00 4090561.65 0.98247 610338.00
4090561.65 1.16282
610388.00 4090561.65 1.36494 610788.00
4090561.65 2.22651
610838.00 4090561.65 2.14592 610888.00
4090561.65 2.03621
610938.00 4090561.65 1.89474 610988.00
4090561.65 1.78784
611038.00 4090561.65 1.65929 611088.00
4090561.65 1.53813
609588.00 4089061.65 0.27184 609688.00
4089061.65 0.30105
609788.00 4089061.65 0.34018 609888.00
4089061.65 0.38478
609988.00 4089061.65 0.42746 610088.00
4089061.65 0.46179
610188.00 4089061.65 0.48618 610288.00
4089061.65 0.51929
610388.00 4089061.65 0.58504 610488.00
4089061.65 0.67962
610588.00 4089061.65 0.78169 610688.00
4089061.65 0.83918
610788.00 4089061.65 0.84087 610888.00
4089061.65 0.86782
610988.00 4089061.65 0.95499 611088.00
4089061.65 1.01139
611188.00 4089061.65 0.95668 611288.00
4089061.65 0.80094
609588.00 4089161.65 0.28928 609688.00
4089161.65 0.31608
609788.00 4089161.65 0.35464 609888.00
4089161.65 0.40439
609988.00 4089161.65 0.45976 610088.00
4089161.65 0.51292
610188.00 4089161.65 0.55574 610288.00
4089161.65 0.59528
610388.00 4089161.65 0.66813 610488.00
4089161.65 0.78077
610588.00 4089161.65 0.91095 610688.00

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610988.00	4089161.65	1.17115	611088.00	4089161.65	1.18883
609588.00	4089261.65	0.31017	609688.00	4089261.65	0.33675
609788.00	4089261.65	0.37454	609888.00	4089261.65	0.42730
609988.00	4089261.65	0.49234	610088.00	4089261.65	0.56245
610188.00	4089261.65	0.63095	610288.00	4089261.65	0.69268
610388.00	4089261.65	0.77952	610488.00	4089261.65	0.91558
610588.00	4089261.65	1.07876	610688.00	4089261.65	1.18819
609588.00	4089361.65	0.32978	609688.00	4089361.65	0.36097
609788.00	4089361.65	0.39979	609888.00	4089361.65	0.45416

609988.00 4089361.65 0.52865 610088.00
4089361.65 0.61738
610188.00 4089361.65 0.71191 610288.00
4089361.65 0.81084
610388.00 4089361.65 0.93042 610488.00
4089361.65 1.10512
610588.00 4089361.65 1.30789 609588.00
4089461.65 0.34439
609688.00 4089461.65 0.38514 609788.00
4089461.65 0.43164
609888.00 4089461.65 0.48840 609988.00
4089461.65 0.56832
610088.00 4089461.65 0.68007 610188.00
4089461.65 0.81078
610288.00 4089461.65 0.94973 610388.00
4089461.65 1.12015
610488.00 4089461.65 1.36103 610588.00
4089461.65 1.63782
609588.00 4089561.65 0.35776 609688.00
4089561.65 0.40409
609788.00 4089561.65 0.46450 609888.00
4089561.65 0.53447
609988.00 4089561.65 0.62062 609588.00
4089661.65 0.37230
609688.00 4089661.65 0.42380 609788.00
4089661.65 0.49202
609888.00 4089661.65 0.57956 609988.00
4089661.65 0.69019
609588.00 4089761.65 0.38456 609688.00
4089761.65 0.44991
609788.00 4089761.65 0.52740 609888.00
4089761.65 0.62593
609988.00 4089761.65 0.76042 609588.00
4089861.65 0.41027
609688.00 4089861.65 0.47824 609788.00
4089861.65 0.56473
609888.00 4089861.65 0.68060 609988.00
4089861.65 0.83334
609588.00 4089961.65 0.43009 609688.00
4089961.65 0.49990
609788.00 4089961.65 0.59521 609888.00
4089961.65 0.72454
609988.00 4089961.65 0.83500 609588.00
4090061.65 0.44099
609688.00 4090061.65 0.51278 609788.00
4090061.65 0.60935
609888.00 4090061.65 0.73887 609988.00
4090061.65 0.86232
609588.00 4090161.65 0.44010 609688.00
4090161.65 0.50692

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- - - -

4090361.65 0.93326
611488.00 4090361.65 0.71268 611588.00
4090361.65 0.56075
609588.00 4090461.65 0.31676 609688.00
4090461.65 0.35236
609788.00 4090461.65 0.35594 609888.00
4090461.65 0.41938
609988.00 4090461.65 0.53511 611188.00
4090461.65 1.55781
611288.00 4090461.65 1.19748 611388.00
4090461.65 0.91561
611488.00 4090461.65 0.71839 611588.00
4090461.65 0.57251
609588.00 4090561.65 0.29179 609688.00
4090561.65 0.31492
609788.00 4090561.65 0.33763 609888.00
4090561.65 0.41251
609988.00 4090561.65 0.49729 611188.00
4090561.65 1.30531
611288.00 4090561.65 1.08115 611388.00
4090561.65 0.86199
611488.00 4090561.65 0.70378 611588.00
4090561.65 0.57483
609588.00 4090661.65 0.27968 609688.00
4090661.65 0.28530
609788.00 4090661.65 0.33214 609888.00
4090661.65 0.38381
609988.00 4090661.65 0.44223 610088.00
4090661.65 0.51099
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4090661.65 0.83707
610388.00 4090661.65 1.03511 610588.00
4090661.65 1.39615
610688.00 4090661.65 1.53662 610788.00
4090661.65 1.55124
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4090661.65 1.31689
611088.00 4090661.65 1.16977 611188.00
4090661.65 1.04330
611288.00 4090661.65 0.92343 611388.00
4090661.65 0.78015
611488.00 4090661.65 0.66585 611588.00
4090661.65 0.56159
609588.00 4090761.65 0.24853 609688.00
4090761.65 0.27746
609788.00 4090761.65 0.30980 609888.00
4090761.65 0.34639
609988.00 4090761.65 0.38589 610088.00
4090761.65 0.44866
610188.00 4090761.65 0.57141 610288.00

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4090761.65        0.70691
         610388.00    4090761.65        0.79943                        610488.00
4090761.65        0.87888
         610588.00    4090761.65        1.04182                        610688.00
4090761.65        1.14235
         610788.00    4090761.65        1.10553                        610888.00
4090761.65        1.09014
         610988.00    4090761.65        0.97339                        611088.00
4090761.65        0.88161
         611188.00    4090761.65        0.81175                        611288.00
4090761.65        0.77388
         611388.00    4090761.65        0.68108                        611488.00
4090761.65        0.60650
         611588.00    4090761.65        0.53213                        609588.00
4090861.65        0.23816
         609688.00    4090861.65        0.25839                        609788.00
4090861.65        0.28312
         609888.00    4090861.65        0.30833                        609988.00
4090861.65        0.34263
         610088.00    4090861.65        0.41266                        610188.00
4090861.65        0.49420
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***       11:56:13

                                   PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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610288.00 4090861.65 0.56785 610388.00
4090861.65 0.61255
610488.00 4090861.65 0.69361 610588.00
4090861.65 0.80365
610688.00 4090861.65 0.87265 610788.00
4090861.65 0.83971
610888.00 4090861.65 0.84200 610988.00
4090861.65 0.75292
611088.00 4090861.65 0.69210 611188.00
4090861.65 0.64638
611288.00 4090861.65 0.64442 611388.00
4090861.65 0.58313
611488.00 4090861.65 0.53615 611588.00
4090861.65 0.48796
609588.00 4090961.65 0.23460 609688.00
4090961.65 0.24112
609788.00 4090961.65 0.25619 609888.00
4090961.65 0.27589
609988.00 4090961.65 0.31947 610088.00
4090961.65 0.37883
610188.00 4090961.65 0.42932 610288.00
4090961.65 0.45814
610388.00 4090961.65 0.50085 610488.00
4090961.65 0.54611
610588.00 4090961.65 0.63243 610688.00
4090961.65 0.66806
610788.00 4090961.65 0.65925 610888.00
4090961.65 0.64929
610988.00 4090961.65 0.60104 611088.00
4090961.65 0.56242
611188.00 4090961.65 0.53379 611288.00
4090961.65 0.53468
611388.00 4090961.65 0.49748 611488.00
4090961.65 0.46642
611588.00 4090961.65 0.43623 609588.00
4091061.65 0.23324
609688.00 4091061.65 0.24862 609788.00
4091061.65 0.23373
609888.00 4091061.65 0.25886 609988.00
4091061.65 0.30407
610088.00 4091061.65 0.34475 610188.00
4091061.65 0.37562
610288.00 4091061.65 0.38971 610388.00
4091061.65 0.40744
610488.00 4091061.65 0.43150 610588.00
4091061.65 0.50171
610688.00 4091061.65 0.56569 610788.00
4091061.65 0.53394
610888.00 4091061.65 0.52353 610988.00
4091061.65 0.49213

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         611088.00    4091061.65        0.46955                      611188.00
4091061.65        0.44812
         611288.00    4091061.65        0.45743                      611388.00
4091061.65        0.42848
         611488.00    4091061.65        0.40470                      611588.00
4091061.65        0.38383
         610394.73    4090395.25        2.35368                      610363.15
4090393.15        2.04193
         610315.78    4090393.15        1.63825                      610287.36
4090385.78        1.48757
         610241.04    4090379.46        1.30351                      610212.62
4090353.14        1.23541
         610198.94    4090300.51        1.22620                      610207.36
4090274.19        1.31999
         610216.83    4090251.04        1.43688                      610224.20
4090220.51        1.60479
         610224.20    4090198.40        1.70494                      610253.60
4090118.34        2.26068
         610403.64    4090153.13        5.70381                      610415.18
4090111.36        6.79213
         610467.45    4090025.35        9.91959                      610413.79
4089916.09        4.17905
         610673.58    4089289.60        1.25124                      611206.21
4089155.71        1.05042
         611849.26    4088791.16        0.41451                      612492.52
4089831.70        0.20221
         612263.93    4090646.71        0.20968                      610949.94
4089967.33        7.51492
         610939.95    4089959.04        8.18826                      610917.00
4089999.01       11.23941
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 349
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610813.71	4090072.75	23.45437	610840.36	4090523.56	2.48587
610546.31	4090669.80	1.26352	610415.81	4090675.14	1.02491
610386.70	4090522.51	1.52119	610388.00	4090503.75	1.61821
610390.59	4090488.23	1.71504	610391.23	4090465.59	1.84476
610393.82	4090452.01	1.94638	610393.17	4090431.32	2.07409
610395.11	4090413.21	2.22101			

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000285 , L0000286 , L0000287 , L0000288 , L0000289 ,
L0000290 , L0000291 , L0000292 , L0000293 , L0000294 , L0000295 , L0000296 , L0000297 ,
L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 , L0000305 ,
L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

610088.00 4089561.65 0.94063 610138.00
4089561.65 1.03207
610188.00 4089561.65 1.14092 610238.00
4089561.65 1.25818
610288.00 4089561.65 1.37891 610338.00
4089561.65 1.45647
610388.00 4089561.65 1.49888 610438.00
4089561.65 1.54351
610488.00 4089561.65 1.61598 610538.00
4089561.65 1.69383
610088.00 4089611.65 1.04065 610138.00
4089611.65 1.13668
610188.00 4089611.65 1.26308 610238.00
4089611.65 1.40377
610288.00 4089611.65 1.54411 610338.00
4089611.65 1.63193
610388.00 4089611.65 1.68769 610438.00
4089611.65 1.75936
610488.00 4089611.65 1.85871 610538.00
4089611.65 1.94123
610088.00 4089661.65 1.16101 610138.00
4089661.65 1.26641
610188.00 4089661.65 1.41472 610238.00
4089661.65 1.58041
610288.00 4089661.65 1.74335 610338.00
4089661.65 1.85362
610388.00 4089661.65 1.93139 610438.00
4089661.65 2.04161
610488.00 4089661.65 2.16217 610088.00
4089711.65 1.30289
610138.00 4089711.65 1.42483 610188.00
4089711.65 1.60299
610238.00 4089711.65 1.80567 610288.00
4089711.65 1.99460
610338.00 4089711.65 2.13636 610388.00
4089711.65 2.25345
610438.00 4089711.65 2.40266 610488.00
4089711.65 2.54798
610088.00 4089761.65 1.47148 610138.00
4089761.65 1.62418
610188.00 4089761.65 1.84509 610238.00
4089761.65 2.09901
610288.00 4089761.65 2.32062 610338.00
4089761.65 2.49136
610388.00 4089761.65 2.66047 610438.00
4089761.65 2.87528
610088.00 4089811.65 1.66914 610138.00
4089811.65 1.86505
610188.00 4089811.65 2.13991 610238.00
4089811.65 2.47730

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         610288.00    4089811.65        2.76820                      610338.00
4089811.65        2.97227
         610388.00    4089811.65        3.21836                      610438.00
4089811.65        3.51434
         610088.00    4089861.65        1.92285                      610138.00
4089861.65        2.19115
         610188.00    4089861.65        2.54779                      610238.00
4089861.65        3.03334
         610288.00    4089861.65        3.41565                      610338.00
4089861.65        3.64565
         610388.00    4089861.65        4.00218                      610088.00
4089911.65        2.20752
         610138.00    4089911.65        2.56650                      610188.00
4089911.65        3.00920
         610238.00    4089911.65        3.69638                      610288.00
4089911.65        4.33325
         610338.00    4089911.65        4.63827                      610388.00
4089911.65        5.16913
         610088.00    4089961.65        2.48327                      610138.00
4089961.65        3.00175
         610188.00    4089961.65        3.56893                      610238.00
4089961.65        4.51737
         610288.00    4089961.65        5.64545                      610338.00
4089961.65        6.19449
         610388.00    4089961.65        6.99546                      610088.00
4090011.65        2.76463
         610138.00    4090011.65        3.53973                      610188.00
4090011.65        4.46781
         610238.00    4090011.65        5.94310                      610288.00
4090011.65        7.74919
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 351
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):     L0000285    , L0000286
, L0000287    , L0000288    , L0000289    ,
                  L0000290    , L0000291    , L0000292    , L0000293    , L0000294
, L0000295    , L0000296    , L0000297    ,
                  L0000298    , L0000299    , L0000300    , L0000301    , L0000302
, L0000303    , L0000304    , L0000305    ,
                  L0000306    , L0000307    , L0000308    , L0000309    , L0000310
, L0000311    , L0000312    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610338.00	4090011.65	8.79016	610388.00	4090011.65	9.99605
610438.00	4090011.65	10.15337	610938.00	4090011.65	1.38860
610988.00	4090011.65	1.15441	610088.00	4090061.65	3.23899
610138.00	4090061.65	4.32526	610188.00	4090061.65	5.85864
610238.00	4090061.65	8.19922	610288.00	4090061.65	11.18644
610338.00	4090061.65	13.48296	610388.00	4090061.65	15.36748
610438.00	4090061.65	15.93084	610838.00	4090061.65	2.05407
610888.00	4090061.65	1.64371	610938.00	4090061.65	1.36639
610988.00	4090061.65	1.16408	611038.00	4090061.65	1.01441
611088.00	4090061.65	0.89778	610088.00	4090111.65	3.97296
610138.00	4090111.65	5.57334	610188.00	4090111.65	8.13684
610238.00	4090111.65	12.34415	610288.00	4090111.65	18.65764
610338.00	4090111.65	23.94139	610388.00	4090111.65	28.40292
610838.00	4090111.65	2.01900	610888.00	4090111.65	1.61194
610938.00	4090111.65	1.34122	610988.00	4090111.65	1.14334
611038.00	4090111.65	0.98972	611088.00	4090111.65	0.86556
610088.00	4090161.65	4.69497	610138.00	4090161.65	7.13179
610188.00	4090161.65	11.82264	610838.00	4090161.65	1.91186
610888.00	4090161.65	1.54274	610938.00	4090161.65	1.28780
610988.00	4090161.65	1.09514	611038.00	4090161.65	0.94407
611088.00	4090161.65	0.82350	610088.00		

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4090211.65        5.16825
         610138.00    4090211.65        8.24558                      610188.00
4090211.65       14.88389
         610838.00    4090211.65        1.88899                      610888.00
4090211.65        1.53415
         610938.00    4090211.65        1.27740                      610988.00
4090211.65        1.08262
         611038.00    4090211.65        0.93131                      611088.00
4090211.65        0.81144
         610088.00    4090261.65        5.03488                      610138.00
4090261.65        7.99647
         610188.00    4090261.65       14.86061                      610838.00
4090261.65        1.96553
         610888.00    4090261.65        1.58270                      610938.00
4090261.65        1.30587
         610988.00    4090261.65        1.09919                      611038.00
4090261.65        0.94080
         611088.00    4090261.65        0.81701                      610088.00
4090311.65        4.40032
         610138.00    4090311.65        6.89572                      610188.00
4090311.65       12.41431
         610838.00    4090311.65        2.08944                      610888.00
4090311.65        1.66653
         610938.00    4090311.65        1.36185                      610988.00
4090311.65        1.13569
         611038.00    4090311.65        0.96435                      611088.00
4090311.65        0.83836
         610088.00    4090361.65        3.81710                      610138.00
4090361.65        5.80885
         610188.00    4090361.65        9.55495                      610838.00
4090361.65        2.19446
         610888.00    4090361.65        1.74614                      610938.00
4090361.65        1.42184
         610988.00    4090361.65        1.18201                      611038.00
4090361.65        1.00212
         611088.00    4090361.65        0.87981                      610088.00
4090411.65        3.32905
         610138.00    4090411.65        4.80914                      610188.00
4090411.65        7.11784
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 352
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):     L0000285    , L0000286
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, L0000287    , L0000288    , L0000289    ,
                L0000290    , L0000291    , L0000292    , L0000293    , L0000294
, L0000295    , L0000296    , L0000297    ,
                L0000298    , L0000299    , L0000300    , L0000301    , L0000302
, L0000303    , L0000304    , L0000305    ,
                L0000306    , L0000307    , L0000308    , L0000309    , L0000310
, L0000311    , L0000312    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         610238.00    4090411.65       10.20823                      610288.00
4090411.65       14.11118
         610338.00    4090411.65       17.18150                      610388.00
4090411.65       16.74283
         610838.00    4090411.65        2.29082                      610888.00
4090411.65        1.83074
         610938.00    4090411.65        1.47262                      610988.00
4090411.65        1.22061
         611038.00    4090411.65        1.04217                      611088.00
4090411.65        0.91883
         610088.00    4090461.65        2.90790                      610138.00
4090461.65        3.87034
         610188.00    4090461.65        5.19556                      610238.00
4090461.65        6.71753
         610288.00    4090461.65        8.65659                      610338.00
4090461.65       10.27732
         610388.00    4090461.65       10.63890                      610838.00
4090461.65        2.34893
         610888.00    4090461.65        1.89835                      610938.00
4090461.65        1.51842
         610988.00    4090461.65        1.26234                      611038.00
4090461.65        1.08707
         611088.00    4090461.65        0.94684                      610088.00
4090511.65        2.44614
         610138.00    4090511.65        3.09377                      610188.00
4090511.65        3.87353
         610238.00    4090511.65        4.75054                      610288.00
4090511.65        5.88163
         610338.00    4090511.65        6.80678                      610888.00
4090511.65        1.89441
         610938.00    4090511.65        1.53975                      610988.00
4090511.65        1.30257
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         611038.00    4090511.65        1.12199                      611088.00
4090511.65        0.96090
         610088.00    4090561.65        2.05934                      610138.00
4090561.65        2.50530
         610188.00    4090561.65        3.01506                      610238.00
4090561.65        3.55919
         610288.00    4090561.65        4.25403                      610338.00
4090561.65        4.85183
         610388.00    4090561.65        5.20787                      610788.00
4090561.65        2.47685
         610838.00    4090561.65        2.17138                      610888.00
4090561.65        1.83802
         610938.00    4090561.65        1.53217                      610988.00
4090561.65        1.32362
         611038.00    4090561.65        1.13454                      611088.00
4090561.65        0.97227
         609588.00    4089061.65        0.34975                      609688.00
4089061.65        0.36497
         609788.00    4089061.65        0.37449                      609888.00
4089061.65        0.38180
         609988.00    4089061.65        0.41738                      610088.00
4089061.65        0.48093
         610188.00    4089061.65        0.55401                      610288.00
4089061.65        0.62085
         610388.00    4089061.65        0.64414                      610488.00
4089061.65        0.62918
         610588.00    4089061.65        0.63230                      610688.00
4089061.65        0.68829
         610788.00    4089061.65        0.74944                      610888.00
4089061.65        0.76005
         610988.00    4089061.65        0.70204                      611088.00
4089061.65        0.60636
         611188.00    4089061.65        0.51858                      611288.00
4089061.65        0.46575
         609588.00    4089161.65        0.37714                      609688.00
4089161.65        0.40416
         609788.00    4089161.65        0.42254                      609888.00
4089161.65        0.43164
         609988.00    4089161.65        0.46251                      610088.00
4089161.65        0.53418
         610188.00    4089161.65        0.62237                      610288.00
4089161.65        0.70535
         610388.00    4089161.65        0.73544                      610488.00
4089161.65        0.72392
         610588.00    4089161.65        0.74556                      610688.00
4089161.65        0.81763
         610788.00    4089161.65        0.87214                      610888.00
4089161.65        0.84757
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
```

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                             *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                             INCLUDING SOURCE(S):   L0000285   , L0000286
, L0000287   , L0000288   , L0000289   ,
                  L0000290   , L0000291   , L0000292   , L0000293   , L0000294
, L0000295   , L0000296   , L0000297   ,
                  L0000298   , L0000299   , L0000300   , L0000301   , L0000302
, L0000303   , L0000304   , L0000305   ,
                  L0000306   , L0000307   , L0000308   , L0000309   , L0000310
, L0000311   , L0000312   , . . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                 ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4089361.65 1.02699
609588.00 4089361.65 1.09984 609588.00
4089461.65 0.42047
609688.00 4089461.65 0.50139 609788.00
4089461.65 0.59199
609888.00 4089461.65 0.66222 609988.00
4089461.65 0.70850
610088.00 4089461.65 0.78836 610188.00
4089461.65 0.94563
610288.00 4089461.65 1.13121 610388.00
4089461.65 1.21709
610488.00 4089461.65 1.26541 610588.00
4089461.65 1.37575
609588.00 4089561.65 0.45364 609688.00
4089561.65 0.52582
609788.00 4089561.65 0.63602 609888.00
4089561.65 0.75493
609988.00 4089561.65 0.85069 609588.00
4089661.65 0.50522
609688.00 4089661.65 0.57443 609788.00
4089661.65 0.68540
609888.00 4089661.65 0.84496 609988.00
4089661.65 1.01549
609588.00 4089761.65 0.54507 609688.00
4089761.65 0.64161
609788.00 4089761.65 0.76048 609888.00
4089761.65 0.94775
609988.00 4089761.65 1.20253 609588.00
4089861.65 0.58654
609688.00 4089861.65 0.70835 609788.00
4089861.65 0.86246
609888.00 4089861.65 1.07982 609988.00
4089861.65 1.44683
609588.00 4089961.65 0.64261 609688.00
4089961.65 0.78265
609788.00 4089961.65 0.98467 609888.00
4089961.65 1.27932
609988.00 4089961.65 1.62319 609588.00
4090061.65 0.69780
609688.00 4090061.65 0.86931 609788.00
4090061.65 1.12323
609888.00 4090061.65 1.52727 609988.00
4090061.65 2.03167
609588.00 4090161.65 0.74184 609688.00
4090161.65 0.94142
609788.00 4090161.65 1.25521 609888.00
4090161.65 1.61237
609988.00 4090161.65 2.54640 611188.00
4090161.65 0.65051
611288.00 4090161.65 0.53122 609588.00

4090261.65   0.75018
         609688.00   4090261.65   0.95239   609788.00
4090261.65   1.18916
         609888.00   4090261.65   1.64451   609988.00
4090261.65   2.63029
         611188.00   4090261.65   0.64693   611288.00
4090261.65   0.52746

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                               INCLUDING SOURCE(S):   L0000285   , L0000286 , L0000287   , L0000288   , L0000289   ,
                  L0000290   , L0000291   , L0000292   , L0000293   , L0000294 , L0000295   , L0000296   , L0000297   ,
                  L0000298   , L0000299   , L0000300   , L0000301   , L0000302 , L0000303   , L0000304   , L0000305   ,
                  L0000306   , L0000307   , L0000308   , L0000309   , L0000310 , L0000311   , L0000312   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 - - -

609788.00 4090461.65 0.77504 609888.00
4090461.65 1.05485
609988.00 4090461.65 1.70104 611188.00
4090461.65 0.72162
611288.00 4090461.65 0.55374 611388.00
4090461.65 0.43807
611488.00 4090461.65 0.36410 611588.00
4090461.65 0.30941
609588.00 4090561.65 0.49872 609688.00
4090561.65 0.59731
609788.00 4090561.65 0.69440 609888.00
4090561.65 0.98744
609988.00 4090561.65 1.35339 611188.00
4090561.65 0.73707
611288.00 4090561.65 0.57228 611388.00
4090561.65 0.45067
611488.00 4090561.65 0.37747 611588.00
4090561.65 0.32263
609588.00 4090661.65 0.46362 609688.00
4090661.65 0.51225
609788.00 4090661.65 0.64693 609888.00
4090661.65 0.81445
609988.00 4090661.65 1.06380 610088.00
4090661.65 1.47238
610188.00 4090661.65 1.92263 610288.00
4090661.65 2.59587
610388.00 4090661.65 3.02642 610588.00
4090661.65 2.71435
610688.00 4090661.65 2.31090 610788.00
4090661.65 1.96873
610888.00 4090661.65 1.60057 610988.00
4090661.65 1.26672
611088.00 4090661.65 0.97567 611188.00
4090661.65 0.74986
611288.00 4090661.65 0.57598 611388.00
4090661.65 0.45485
611488.00 4090661.65 0.37959 611588.00
4090661.65 0.32453
609588.00 4090761.65 0.40421 609688.00
4090761.65 0.47435
609788.00 4090761.65 0.56162 609888.00
4090761.65 0.67743
609988.00 4090761.65 0.87900 610088.00
4090761.65 1.10993
610188.00 4090761.65 1.36670 610288.00
4090761.65 1.75441
610388.00 4090761.65 1.98213 610488.00
4090761.65 1.98988
610588.00 4090761.65 1.88374 610688.00
4090761.65 1.67333

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000285 , L0000286 , L0000287 , L0000288 , L0000289 ,
L0000290 , L0000291 , L0000292 , L0000293 , L0000294 , L0000295 , L0000296 , L0000297 ,
L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 , L0000305 ,
L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610288.00	4090861.65	1.24131	610388.00	4090861.65	1.38787
610488.00	4090861.65	1.42470	610588.00	4090861.65	1.36481
610688.00	4090861.65	1.25439	610788.00		

4090861.65 1.10581
610888.00 4090861.65 1.02230 610988.00
4090861.65 0.90202
611088.00 4090861.65 0.78992 611188.00
4090861.65 0.68935
611288.00 4090861.65 0.58796 611388.00
4090861.65 0.47258
611488.00 4090861.65 0.39270 611588.00
4090861.65 0.32981
609588.00 4090961.65 0.36503 609688.00
4090961.65 0.37165
609788.00 4090961.65 0.43054 609888.00
4090961.65 0.52034
609988.00 4090961.65 0.60415 610088.00
4090961.65 0.65682
610188.00 4090961.65 0.74183 610288.00
4090961.65 0.92165
610388.00 4090961.65 1.04337 610488.00
4090961.65 1.07106
610588.00 4090961.65 1.02370 610688.00
4090961.65 0.94469
610788.00 4090961.65 0.85299 610888.00
4090961.65 0.80013
610988.00 4090961.65 0.71078 611088.00
4090961.65 0.65298
611188.00 4090961.65 0.61012 611288.00
4090961.65 0.54395
611388.00 4090961.65 0.46677 611488.00
4090961.65 0.39853
611588.00 4090961.65 0.33911 609588.00
4091061.65 0.34048
609688.00 4091061.65 0.38242 609788.00
4091061.65 0.39953
609888.00 4091061.65 0.45578 609988.00
4091061.65 0.50193
610088.00 4091061.65 0.53253 610188.00
4091061.65 0.60828
610288.00 4091061.65 0.73968 610388.00
4091061.65 0.81284
610488.00 4091061.65 0.79649 610588.00
4091061.65 0.75595
610688.00 4091061.65 0.76210 610788.00
4091061.65 0.67060
610888.00 4091061.65 0.62997 610988.00
4091061.65 0.57223
611088.00 4091061.65 0.53676 611188.00
4091061.65 0.51587
611288.00 4091061.65 0.49152 611388.00
4091061.65 0.44178
611488.00 4091061.65 0.39124 611588.00

```
4091061.65        0.34174
         610394.73    4090395.25       19.43231                       610363.15
4090393.15       21.23870
         610315.78    4090393.15       20.42713                       610287.36
4090385.78       19.20571
         610241.04    4090379.46       14.33373                       610212.62
4090353.14       13.37355
         610198.94    4090300.51       15.39522                       610207.36
4090274.19       19.55438
         610216.83    4090251.04       23.84604                       610224.20
4090220.51       26.71817
         610224.20    4090198.40       24.55777                       610253.60
4090118.34       15.60518
         610403.64    4090153.13       57.04514                       610415.18
4090111.36       29.40902
         610467.45    4090025.35       11.25080                       610413.79
4089916.09        5.58695
         610673.58    4089289.60        1.03006                       611206.21
4089155.71        0.56520
         611849.26    4088791.16        0.32603                       612492.52
4089831.70        0.18571
         612263.93    4090646.71        0.15592                       610949.94
4089967.33        1.34296
         610939.95    4089959.04        1.38922                       610917.00
4089999.01        1.50385
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       11:56:13

                                  PAGE 356
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):     L0000285    , L0000286
, L0000287    , L0000288    , L0000289    ,
                  L0000290    , L0000291    , L0000292    , L0000293    , L0000294
, L0000295    , L0000296    , L0000297    ,
                  L0000298    , L0000299    , L0000300    , L0000301    , L0000302
, L0000303    , L0000304    , L0000305    ,
                  L0000306    , L0000307    , L0000308    , L0000309    , L0000310
, L0000311    , L0000312    ,  . . .      ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
```

610188.00 4089611.65 0.16239 610238.00
4089611.65 0.16681
610288.00 4089611.65 0.17055 610338.00
4089611.65 0.17261
610388.00 4089611.65 0.17451 610438.00
4089611.65 0.17638
610488.00 4089611.65 0.17868 610538.00
4089611.65 0.18171
610088.00 4089661.65 0.16701 610138.00
4089661.65 0.17226
610188.00 4089661.65 0.17795 610238.00
4089661.65 0.18381
610288.00 4089661.65 0.18922 610338.00
4089661.65 0.19314
610388.00 4089661.65 0.19629 610438.00
4089661.65 0.19944
610488.00 4089661.65 0.20220 610088.00
4089711.65 0.18394
610138.00 4089711.65 0.19048 610188.00
4089711.65 0.19747
610238.00 4089711.65 0.20489 610288.00
4089711.65 0.21201
610338.00 4089711.65 0.21855 610388.00
4089711.65 0.22398
610438.00 4089711.65 0.22837 610488.00
4089711.65 0.23231
610088.00 4089761.65 0.20445 610138.00
4089761.65 0.21389
610188.00 4089761.65 0.22329 610238.00
4089761.65 0.23236
610288.00 4089761.65 0.24091 610338.00
4089761.65 0.25000
610388.00 4089761.65 0.25839 610438.00
4089761.65 0.26540
610088.00 4089811.65 0.22791 610138.00
4089811.65 0.24155
610188.00 4089811.65 0.25561 610238.00
4089811.65 0.26868
610288.00 4089811.65 0.28018 610338.00
4089811.65 0.29161
610388.00 4089811.65 0.30371 610438.00
4089811.65 0.31438
610088.00 4089861.65 0.25325 610138.00
4089861.65 0.27104
610188.00 4089861.65 0.29095 610238.00
4089861.65 0.31280
610288.00 4089861.65 0.33541 610338.00
4089861.65 0.34952
610388.00 4089861.65 0.36606 610088.00
4089911.65 0.28311

```
         610138.00    4089911.65        0.30765                      610188.00
4089911.65        0.33547
         610238.00    4089911.65        0.36675                      610288.00
4089911.65        0.40744
         610338.00    4089911.65        0.43042                      610388.00
4089911.65        0.45792
         610088.00    4089961.65        0.31670                      610138.00
4089961.65        0.34976
         610188.00    4089961.65        0.38848                      610238.00
4089961.65        0.43427
         610288.00    4089961.65        0.49484                      610338.00
4089961.65        0.53719
         610388.00    4089961.65        0.59081                      610088.00
4090011.65        0.35077
         610138.00    4090011.65        0.39370                      610188.00
4090011.65        0.44615
         610238.00    4090011.65        0.51141                      610288.00
4090011.65        0.59721
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: STCK1    ***
                                   INCLUDING SOURCE(S):     STCK1       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         610338.00    4090011.65        0.66930                      610388.00
4090011.65        0.76748
         610438.00    4090011.65        0.87806                      610938.00
4090011.65        0.42753
         610988.00    4090011.65        0.36295                      610088.00
4090061.65        0.37873
         610138.00    4090061.65        0.43066                      610188.00
4090061.65        0.49585
         610238.00    4090061.65        0.57982                      610288.00
4090061.65        0.68529
```

610338.00 4090061.65 0.79730 610388.00
4090061.65 0.96995
610438.00 4090061.65 1.25795 610838.00
4090061.65 0.86256
610888.00 4090061.65 0.68350 610938.00
4090061.65 0.56206
610988.00 4090061.65 0.47147 611038.00
4090061.65 0.40646
611088.00 4090061.65 0.35813 610088.00
4090111.65 0.39290
610138.00 4090111.65 0.44930 610188.00
4090111.65 0.52047
610238.00 4090111.65 0.61311 610288.00
4090111.65 0.72724
610338.00 4090111.65 0.86437 610388.00
4090111.65 1.13857
610838.00 4090111.65 1.37251 610888.00
4090111.65 1.00054
610938.00 4090111.65 0.78189 610988.00
4090111.65 0.63851
611038.00 4090111.65 0.53615 611088.00
4090111.65 0.45751
610088.00 4090161.65 0.39610 610138.00
4090161.65 0.45321
610188.00 4090161.65 0.52599 610838.00
4090161.65 2.02714
610888.00 4090161.65 1.41921 610938.00
4090161.65 1.07217
610988.00 4090161.65 0.84673 611038.00
4090161.65 0.68814
611088.00 4090161.65 0.57161 610088.00
4090211.65 0.39530
610138.00 4090211.65 0.45102 610188.00
4090211.65 0.52132
610838.00 4090211.65 2.65772 610888.00
4090211.65 1.85732
610938.00 4090211.65 1.37089 610988.00
4090211.65 1.05744
611038.00 4090211.65 0.84301 611088.00
4090211.65 0.68893
610088.00 4090261.65 0.39179 610138.00
4090261.65 0.44524
610188.00 4090261.65 0.51313 610838.00
4090261.65 2.86169
610888.00 4090261.65 2.17262 610938.00
4090261.65 1.63461
610988.00 4090261.65 1.25378 611038.00
4090261.65 0.98777
611088.00 4090261.65 0.79881 610088.00
4090311.65 0.38666

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610138.00	4090311.65	0.43818	610188.00	4090311.65	0.50330
610838.00	4090311.65	2.59230	610888.00	4090311.65	2.19230
610938.00	4090311.65	1.77036	610988.00	4090311.65	1.40360
611038.00	4090311.65	1.11766	611088.00	4090311.65	0.91941
610088.00	4090361.65	0.38049	610138.00	4090361.65	0.42986
610188.00	4090361.65	0.49117	610838.00	4090361.65	2.19585
610888.00	4090361.65	1.99097	610938.00	4090361.65	1.72913
610988.00	4090361.65	1.45320	611038.00	4090361.65	1.20723
611088.00	4090361.65	1.03812	610088.00	4090411.65	0.37140
610138.00	4090411.65	0.41702	610188.00	4090411.65	0.47189
610238.00	4090411.65	0.53710	610288.00	4090411.65	0.62320
610338.00	4090411.65	0.74229	610388.00	4090411.65	0.90634
610838.00	4090411.65	1.88417	610888.00	4090411.65	1.77873
610938.00	4090411.65	1.58333	610988.00	4090411.65	1.40061

611038.00 4090411.65 1.24282 611088.00
4090411.65 1.10431
610088.00 4090461.65 0.36013 610138.00
4090461.65 0.39996
610188.00 4090461.65 0.44812 610238.00
4090461.65 0.50890
610288.00 4090461.65 0.58963 610338.00
4090461.65 0.69862
610388.00 4090461.65 0.84241 610838.00
4090461.65 1.68416
610888.00 4090461.65 1.59492 610938.00
4090461.65 1.41567
610988.00 4090461.65 1.30926 611038.00
4090461.65 1.22898
611088.00 4090461.65 1.10690 610088.00
4090511.65 0.34552
610138.00 4090511.65 0.38113 610188.00
4090511.65 0.42542
610238.00 4090511.65 0.48286 610288.00
4090511.65 0.55751
610338.00 4090511.65 0.65428 610888.00
4090511.65 1.38540
610938.00 4090511.65 1.24882 610988.00
4090511.65 1.20366
611038.00 4090511.65 1.15227 611088.00
4090511.65 1.04399
610088.00 4090561.65 0.33031 610138.00
4090561.65 0.36323
610188.00 4090561.65 0.40546 610238.00
4090561.65 0.45880
610288.00 4090561.65 0.52602 610338.00
4090561.65 0.60963
610388.00 4090561.65 0.70972 610788.00
4090561.65 1.29581
610838.00 4090561.65 1.29792 610888.00
4090561.65 1.20972
610938.00 4090561.65 1.10770 610988.00
4090561.65 1.08510
611038.00 4090561.65 1.03030 611088.00
4090561.65 0.95303
609588.00 4089061.65 0.07960 609688.00
4089061.65 0.08119
609788.00 4089061.65 0.08277 609888.00
4089061.65 0.08396
609988.00 4089061.65 0.08490 610088.00
4089061.65 0.08526
610188.00 4089061.65 0.08453 610288.00
4089061.65 0.08303
610388.00 4089061.65 0.08268 610488.00
4089061.65 0.08330

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610588.00	4089061.65	0.08571	610688.00	4089061.65	0.08809
610788.00	4089061.65	0.08866	610888.00	4089061.65	0.08965
610988.00	4089061.65	0.09063	611088.00	4089061.65	0.09052
611188.00	4089061.65	0.09000	611288.00	4089061.65	0.08805
609588.00	4089161.65	0.08395	609688.00	4089161.65	0.08593
609788.00	4089161.65	0.08807	609888.00	4089161.65	0.08989
609988.00	4089161.65	0.09121	610088.00	4089161.65	0.09202
610188.00	4089161.65	0.09188	610288.00	4089161.65	0.09033
610388.00	4089161.65	0.08982	610488.00	4089161.65	0.09062
610588.00	4089161.65	0.09346	610688.00	4089161.65	0.09618
610788.00	4089161.65	0.09680	610888.00	4089161.65	0.09758
610988.00	4089161.65	0.09771	611088.00	4089161.65	0.09682
609588.00	4089261.65	0.08971	609688.00	4089261.65	0.09165
609788.00	4089261.65	0.09429	609888.00	4089261.65	0.09689

609988.00 4089261.65 0.09897 610088.00
4089261.65 0.10027
610188.00 4089261.65 0.10084 610288.00
4089261.65 0.10009
610388.00 4089261.65 0.09938 610488.00
4089261.65 0.10040
610588.00 4089261.65 0.10365 610688.00
4089261.65 0.10700
609588.00 4089361.65 0.09661 609688.00
4089361.65 0.09855
609788.00 4089361.65 0.10158 609888.00
4089361.65 0.10504
609988.00 4089361.65 0.10829 610088.00
4089361.65 0.11090
610188.00 4089361.65 0.11254 610288.00
4089361.65 0.11315
610388.00 4089361.65 0.11267 610488.00
4089361.65 0.11403
610588.00 4089361.65 0.11756 609588.00
4089461.65 0.10361
609688.00 4089461.65 0.10740 609788.00
4089461.65 0.11106
609888.00 4089461.65 0.11537 609988.00
4089461.65 0.11997
610088.00 4089461.65 0.12476 610188.00
4089461.65 0.12840
610288.00 4089461.65 0.13045 610388.00
4089461.65 0.13104
610488.00 4089461.65 0.13261 610588.00
4089461.65 0.13721
609588.00 4089561.65 0.11104 609688.00
4089561.65 0.11671
609788.00 4089561.65 0.12312 609888.00
4089561.65 0.12949
609988.00 4089561.65 0.13542 609588.00
4089661.65 0.12064
609688.00 4089661.65 0.12790 609788.00
4089661.65 0.13659
609888.00 4089661.65 0.14685 609988.00
4089661.65 0.15729
609588.00 4089761.65 0.13241 609688.00
4089761.65 0.14246
609788.00 4089761.65 0.15449 609888.00
4089761.65 0.16863
609988.00 4089761.65 0.18556 609588.00
4089861.65 0.14421
609688.00 4089861.65 0.15853 609788.00
4089861.65 0.17595
609888.00 4089861.65 0.19721 609988.00
4089861.65 0.22117

```
         609588.00    4089961.65        0.15670                      609688.00
4089961.65        0.17462
         609788.00    4089961.65        0.19804                      609888.00
4089961.65        0.22792
         609988.00    4089961.65        0.26355                      609588.00
4090061.65        0.16743
         609688.00    4090061.65        0.18826                      609788.00
4090061.65        0.21587
         609888.00    4090061.65        0.25273                      609988.00
4090061.65        0.30263
         609588.00    4090161.65        0.17402                      609688.00
4090161.65        0.19596
         609788.00    4090161.65        0.22363                      609888.00
4090161.65        0.26015
         609988.00    4090161.65        0.31480                      611188.00
4090161.65        0.41928
         611288.00    4090161.65        0.32146                      609588.00
4090261.65        0.17803
         609688.00    4090261.65        0.19988                      609788.00
4090261.65        0.22484
         609888.00    4090261.65        0.26215                      609988.00
4090261.65        0.31472
         611188.00    4090261.65        0.56766                      611288.00
4090261.65        0.41840
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                     PAGE 361
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                  *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: STCK1    ***
                                     INCLUDING SOURCE(S):     STCK1       ,

                                               *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                               ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         611388.00    4090261.65        0.31231                      611488.00
4090261.65        0.24804
         609588.00    4090361.65        0.17968                      609688.00
4090361.65        0.20073
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609788.00 4090361.65 0.22384 609888.00
4090361.65 0.25864
609988.00 4090361.65 0.30812 611188.00
4090361.65 0.70023
611288.00 4090361.65 0.50241 611388.00
4090361.65 0.36632
611488.00 4090361.65 0.28788 611588.00
4090361.65 0.23293
609588.00 4090461.65 0.17818 609688.00
4090461.65 0.19801
609788.00 4090461.65 0.21872 609888.00
4090461.65 0.25121
609988.00 4090461.65 0.29685 611188.00
4090461.65 0.81051
611288.00 4090461.65 0.56999 611388.00
4090461.65 0.41359
611488.00 4090461.65 0.32120 611588.00
4090461.65 0.25795
609588.00 4090561.65 0.17458 609688.00
4090561.65 0.19094
609788.00 4090561.65 0.21145 609888.00
4090561.65 0.24127
609988.00 4090561.65 0.27889 611188.00
4090561.65 0.78390
611288.00 4090561.65 0.60357 611388.00
4090561.65 0.44947
611488.00 4090561.65 0.35230 611588.00
4090561.65 0.28168
609588.00 4090661.65 0.16919 609688.00
4090661.65 0.18254
609788.00 4090661.65 0.20273 609888.00
4090661.65 0.22745
609988.00 4090661.65 0.25868 610088.00
4090661.65 0.30233
610188.00 4090661.65 0.36872 610288.00
4090661.65 0.46656
610388.00 4090661.65 0.58674 610588.00
4090661.65 0.81690
610688.00 4090661.65 0.91094 610788.00
4090661.65 0.98818
610888.00 4090661.65 0.92449 610988.00
4090661.65 0.84175
611088.00 4090661.65 0.75537 611188.00
4090661.65 0.66756
611288.00 4090661.65 0.56483 611388.00
4090661.65 0.45516
611488.00 4090661.65 0.37103 611588.00
4090661.65 0.30095
609588.00 4090761.65 0.16081 609688.00
4090761.65 0.17521

```
         609788.00    4090761.65        0.19213                       609888.00
4090761.65        0.21265
         609988.00    4090761.65        0.24007                       610088.00
4090761.65        0.27940
         610188.00    4090761.65        0.33692                       610288.00
4090761.65        0.40917
         610388.00    4090761.65        0.48957                       610488.00
4090761.65        0.55413
         610588.00    4090761.65        0.63978                       610688.00
4090761.65        0.70628
         610788.00    4090761.65        0.74087                       610888.00
4090761.65        0.71798
         610988.00    4090761.65        0.65557                       611088.00
4090761.65        0.60225
         611188.00    4090761.65        0.55030                       611288.00
4090761.65        0.49838
         611388.00    4090761.65        0.42636                       611488.00
4090761.65        0.36692
         611588.00    4090761.65        0.30930                       609588.00
4090861.65        0.15458
         609688.00    4090861.65        0.16663                       609788.00
4090861.65        0.18082
         609888.00    4090861.65        0.19914                       609988.00
4090861.65        0.22421
         610088.00    4090861.65        0.25932                       610188.00
4090861.65        0.30393
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        11:56:13

                                  PAGE 362
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: STCK1    ***
                                  INCLUDING SOURCE(S):     STCK1       ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         610288.00    4090861.65        0.35365                       610388.00
4090861.65        0.40408
```

610488.00 4090861.65 0.45463 610588.00
4090861.65 0.50499
610688.00 4090861.65 0.55394 610788.00
4090861.65 0.57874
610888.00 4090861.65 0.57148 610988.00
4090861.65 0.52765
611088.00 4090861.65 0.49049 611188.00
4090861.65 0.45623
611288.00 4090861.65 0.42891 611388.00
4090861.65 0.38076
611488.00 4090861.65 0.34257 611588.00
4090861.65 0.30204
609588.00 4090961.65 0.14771 609688.00
4090961.65 0.15768
609788.00 4090961.65 0.17057 609888.00
4090961.65 0.18752
609988.00 4090961.65 0.21073 610088.00
4090961.65 0.24062
610188.00 4090961.65 0.27367 610288.00
4090961.65 0.30648
610388.00 4090961.65 0.34326 610488.00
4090961.65 0.37583
610588.00 4090961.65 0.40787 610688.00
4090961.65 0.44023
610788.00 4090961.65 0.46360 610888.00
4090961.65 0.46352
610988.00 4090961.65 0.43434 611088.00
4090961.65 0.40808
611188.00 4090961.65 0.38552 611288.00
4090961.65 0.36223
611388.00 4090961.65 0.33421 611488.00
4090961.65 0.30886
611588.00 4090961.65 0.28222 609588.00
4091061.65 0.14178
609688.00 4091061.65 0.15140 609788.00
4091061.65 0.16174
609888.00 4091061.65 0.17780 609988.00
4091061.65 0.19886
610088.00 4091061.65 0.22252 610188.00
4091061.65 0.24640
610288.00 4091061.65 0.26970 610388.00
4091061.65 0.29429
610488.00 4091061.65 0.31339 610588.00
4091061.65 0.33630
610688.00 4091061.65 0.36646 610788.00
4091061.65 0.38078
610888.00 4091061.65 0.38424 610988.00
4091061.65 0.36494
611088.00 4091061.65 0.34609 611188.00
4091061.65 0.32986

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         611288.00    4091061.65        0.31490                       611388.00
4091061.65        0.29393
         611488.00    4091061.65        0.27499                       611588.00
4091061.65        0.25644
         610394.73    4090395.25        0.95377                       610363.15
4090393.15        0.83709
         610315.78    4090393.15        0.69874                       610287.36
4090385.78        0.63986
         610241.04    4090379.46        0.56055                       610212.62
4090353.14        0.53008
         610198.94    4090300.51        0.52248                       610207.36
4090274.19        0.54166
         610216.83    4090251.04        0.56271                       610224.20
4090220.51        0.58289
         610224.20    4090198.40        0.58755                       610253.60
4090118.34        0.65094
         610403.64    4090153.13        1.23612                       610415.18
4090111.36        1.29794
         610467.45    4090025.35        1.08625                       610413.79
4089916.09        0.48093
         610673.58    4089289.60        0.11052                       611206.21
4089155.71        0.09695
         611849.26    4088791.16        0.07521                       612492.52
4089831.70        0.05670
         612263.93    4090646.71        0.10757                       610949.94
4089967.33        0.33888
         610939.95    4089959.04        0.33707                       610917.00
4089999.01        0.42811
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                          ***       11:56:13

                                    PAGE 363
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: STCK1    ***
                                    INCLUDING SOURCE(S):     STCK1       ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
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         610813.71    4090072.75        1.07069                       610840.36
4090523.56        1.44308
         610546.31    4090669.80        0.74932                       610415.81
4090675.14        0.59591
         610386.70    4090522.51        0.75719                       610388.00
4090503.75        0.78600
         610390.59    4090488.23        0.81485                       610391.23
4090465.59        0.84774
         610393.82    4090452.01        0.87498                       610393.17
4090431.32        0.90057
         610395.11    4090413.21        0.93206

 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                    PAGE 364
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         610088.00    4089561.65        1.82800                       610138.00
4089561.65        2.00667
         610188.00    4089561.65        2.21332                       610238.00
4089561.65        2.43543
         610288.00    4089561.65        2.66613                       610338.00
4089561.65        2.85227
         610388.00    4089561.65        3.02104                       610438.00
4089561.65        3.22553
         610488.00    4089561.65        3.49805                       610538.00
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4089561.65 3.79637
610088.00 4089611.65 1.97965 610138.00
4089611.65 2.16868
610188.00 4089611.65 2.40596 610238.00
4089611.65 2.67470
610288.00 4089611.65 2.95437 610338.00
4089611.65 3.18038
610388.00 4089611.65 3.39093 610438.00
4089611.65 3.65471
610488.00 4089611.65 3.99976 610538.00
4089611.65 4.36144
610088.00 4089661.65 2.16286 610138.00
4089661.65 2.36863
610188.00 4089661.65 2.64018 610238.00
4089661.65 2.95416
610288.00 4089661.65 3.28719 610338.00
4089661.65 3.57892
610388.00 4089661.65 3.85828 610438.00
4089661.65 4.21396
610488.00 4089661.65 4.63262 610088.00
4089711.65 2.37747
610138.00 4089711.65 2.61168 610188.00
4089711.65 2.92759
610238.00 4089711.65 3.30083 610288.00
4089711.65 3.69239
610338.00 4089711.65 4.06840 610388.00
4089711.65 4.45342
610438.00 4089711.65 4.91699 610488.00
4089711.65 5.45256
610088.00 4089761.65 2.62585 610138.00
4089761.65 2.91070
610188.00 4089761.65 3.29042 610238.00
4089761.65 3.73997
610288.00 4089761.65 4.19995 610338.00
4089761.65 4.66428
610388.00 4089761.65 5.18357 610438.00
4089761.65 5.81793
610088.00 4089811.65 2.90840 610138.00
4089811.65 3.26052
610188.00 4089811.65 3.72507 610238.00
4089811.65 4.29379
610288.00 4089811.65 4.86955 610338.00
4089811.65 5.43583
610388.00 4089811.65 6.14690 610438.00
4089811.65 7.01777
610088.00 4089861.65 3.24527 610138.00
4089861.65 3.68624
610188.00 4089861.65 4.26399 610238.00
4089861.65 5.03754
610288.00 4089861.65 5.79672 610338.00

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4089861.65        6.46102
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4089911.65        3.60051
         610138.00    4089911.65        4.15669                      610188.00
4089911.65        4.85156
         610238.00    4089911.65        5.87054                      610288.00
4089911.65        7.03318
         610338.00    4089911.65        7.88310                      610388.00
4089911.65        9.21148
         610088.00    4089961.65        3.91997                      610138.00
4089961.65        4.65847
         610188.00    4089961.65        5.50752                      610238.00
4089961.65        6.86552
         610288.00    4089961.65        8.67312                      610338.00
4089961.65        9.92746
         610388.00    4089961.65       11.79147                      610088.00
4090011.65        4.25097
         610138.00    4090011.65        5.26927                      610188.00
4090011.65        6.52711
         610238.00    4090011.65        8.53008                      610288.00
4090011.65       11.08847
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       11:56:13

                                  PAGE 365
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
```

610338.00 4090011.65 12.99655 610388.00
4090011.65 15.60367
610438.00 4090011.65 18.06967 610938.00
4090011.65 10.63316
610988.00 4090011.65 6.86384 610088.00
4090061.65 4.76800
610138.00 4090061.65 6.11865 610188.00
4090061.65 8.00157
610238.00 4090061.65 10.89532 610288.00
4090061.65 14.70991
610338.00 4090061.65 18.01231 610388.00
4090061.65 21.64935
610438.00 4090061.65 25.61939 610838.00
4090061.65 22.93037
610888.00 4090061.65 14.70116 610938.00
4090061.65 9.80573
610988.00 4090061.65 6.87566 611038.00
4090061.65 5.11689
611088.00 4090061.65 4.00650 610088.00
4090111.65 5.50127
610138.00 4090111.65 7.37634 610188.00
4090111.65 10.29035
610238.00 4090111.65 15.01163 610288.00
4090111.65 22.14924
610338.00 4090111.65 28.49231 610388.00
4090111.65 34.99960
610838.00 4090111.65 18.69031 610888.00
4090111.65 12.61027
610938.00 4090111.65 9.04520 610988.00
4090111.65 6.80734
611038.00 4090111.65 5.26959 611088.00
4090111.65 4.15934
610088.00 4090161.65 6.15063 610138.00
4090161.65 8.85700
610188.00 4090161.65 13.92611 610838.00
4090161.65 15.71579
610888.00 4090161.65 11.32627 610938.00
4090161.65 8.60440
610988.00 4090161.65 6.69680 611038.00
4090161.65 5.29651
611088.00 4090161.65 4.24804 610088.00
4090211.65 6.51903
610138.00 4090211.65 9.83262 610188.00
4090211.65 16.79830
610838.00 4090211.65 13.82391 610888.00
4090211.65 10.58555
610938.00 4090211.65 8.26977 610988.00
4090211.65 6.55444
611038.00 4090211.65 5.26966 611088.00
4090211.65 4.29252

```
         610088.00    4090261.65        6.28044                        610138.00
4090261.65        9.44611
         610188.00    4090261.65       16.61019                        610838.00
4090261.65       12.31282
         610888.00    4090261.65        9.87385                        610938.00
4090261.65        7.90700
         610988.00    4090261.65        6.37726                        611038.00
4090261.65        5.19796
         611088.00    4090261.65        4.28803                        610088.00
4090311.65        5.57026
         610138.00    4090311.65        8.26301                        610188.00
4090311.65       14.06782
         610838.00    4090311.65       10.69558                        610888.00
4090311.65        8.97899
         610938.00    4090311.65        7.44086                        610988.00
4090311.65        6.14197
         611038.00    4090311.65        5.09003                        611088.00
4090311.65        4.29267
         610088.00    4090361.65        4.94929                        610138.00
4090361.65        7.15306
         610188.00    4090361.65       11.15549                        610838.00
4090361.65        9.19015
         610888.00    4090361.65        7.97246                        610938.00
4090361.65        6.83258
         610988.00    4090361.65        5.80889                        611038.00
4090361.65        4.93941
         611088.00    4090361.65        4.29681                        610088.00
4090411.65        4.43184
         610138.00    4090411.65        6.10528                        610188.00
4090411.65        8.62831
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        11:56:13

                                   PAGE 366
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610238.00	4090411.65	11.93705	610288.00	4090411.65	16.12898
610338.00	4090411.65	19.64650	610388.00	4090411.65	19.80889
610838.00	4090411.65	8.05766	610888.00	4090411.65	7.13797
610938.00	4090411.65	6.17691	610988.00	4090411.65	5.38199
611038.00	4090411.65	4.73865	611088.00	4090411.65	4.21155
610088.00	4090461.65	3.98483	610138.00	4090461.65	5.08649
610188.00	4090461.65	6.56646	610238.00	4090461.65	8.27443
610288.00	4090461.65	10.47085	610338.00	4090461.65	12.46776
610388.00	4090461.65	13.32409	610838.00	4090461.65	7.21796
610888.00	4090461.65	6.43234	610938.00	4090461.65	5.57369
610988.00	4090461.65	4.96744	611038.00	4090461.65	4.50591
611088.00	4090461.65	4.02794	610088.00	4090511.65	3.45709
610138.00	4090511.65	4.21129	610188.00	4090511.65	5.11973
610238.00	4090511.65	6.16640	610288.00	4090511.65	7.52726
610338.00	4090511.65	8.77032	610888.00	4090511.65	5.71496
610938.00	4090511.65	5.01746	610988.00	4090511.65	4.58090
611038.00	4090511.65	4.19264	611088.00	4090511.65	3.75495
610088.00	4090561.65	3.00180	610138.00	4090561.65	3.53651
610188.00	4090561.65	4.16725	610238.00	4090561.65	4.86525
610288.00	4090561.65	5.76253	610338.00	4090561.65	6.62429
610388.00	4090561.65	7.28253	610788.00		

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4090561.65        5.99917
         610838.00    4090561.65        5.61523                        610888.00
4090561.65        5.08395
         610938.00    4090561.65        4.53461                        610988.00
4090561.65        4.19656
         611038.00    4090561.65        3.82413                        611088.00
4090561.65        3.46343
         609588.00    4089061.65        0.70119                        609688.00
4089061.65        0.74720
         609788.00    4089061.65        0.79745                        609888.00
4089061.65        0.85054
         609988.00    4089061.65        0.92974                        610088.00
4089061.65        1.02798
         610188.00    4089061.65        1.12472                        610288.00
4089061.65        1.22317
         610388.00    4089061.65        1.31187                        610488.00
4089061.65        1.39210
         610588.00    4089061.65        1.49970                        610688.00
4089061.65        1.61556
         610788.00    4089061.65        1.67897                        610888.00
4089061.65        1.71752
         610988.00    4089061.65        1.74765                        611088.00
4089061.65        1.70827
         611188.00    4089061.65        1.56526                        611288.00
4089061.65        1.35474
         609588.00    4089161.65        0.75037                        609688.00
4089161.65        0.80618
         609788.00    4089161.65        0.86524                        609888.00
4089161.65        0.92592
         609988.00    4089161.65        1.01347                        610088.00
4089161.65        1.13911
         610188.00    4089161.65        1.27000                        610288.00
4089161.65        1.39096
         610388.00    4089161.65        1.49340                        610488.00
4089161.65        1.59532
         610588.00    4089161.65        1.74997                        610688.00
4089161.65        1.90084
         610788.00    4089161.65        1.97149                        610888.00
4089161.65        2.00541
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***        11:56:13

                                    PAGE 367
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE PERIOD ( 43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL        ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
```

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3
                 **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         610988.00    4089161.65        2.01598                       611088.00
4089161.65        1.91548
         609588.00    4089261.65        0.79671                       609688.00
4089261.65        0.87339
         609788.00    4089261.65        0.94604                       609888.00
4089261.65        1.02005
         609988.00    4089261.65        1.11170                       610088.00
4089261.65        1.26022
         610188.00    4089261.65        1.43533                       610288.00
4089261.65        1.60605
         610388.00    4089261.65        1.73218                       610488.00
4089261.65        1.86606
         610588.00    4089261.65        2.07854                       610688.00
4089261.65        2.27885
         609588.00    4089361.65        0.83390                       609688.00
4089361.65        0.93886
         609788.00    4089361.65        1.03759                       609888.00
4089361.65        1.13302
         609988.00    4089361.65        1.23551                       610088.00
4089361.65        1.40636
         610188.00    4089361.65        1.63037                       610288.00
4089361.65        1.87700
         610388.00    4089361.65        2.05389                       610488.00
4089361.65        2.24613
         610588.00    4089361.65        2.52529                       609588.00
4089461.65        0.86847
         609688.00    4089461.65        0.99393                       609788.00
4089461.65        1.13469
         609888.00    4089461.65        1.26599                       609988.00
4089461.65        1.39679
         610088.00    4089461.65        1.59319                       610188.00
4089461.65        1.88480
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         610288.00    4089461.65        2.21139                      610388.00
4089461.65        2.46828
         610488.00    4089461.65        2.75905                      610588.00
4089461.65        3.15078
         609588.00    4089561.65        0.92243                      609688.00
4089561.65        1.04661
         609788.00    4089561.65        1.22364                      609888.00
4089561.65        1.41890
         609988.00    4089561.65        1.60673                      609588.00
4089661.65        0.99815
         609688.00    4089661.65        1.12613                      609788.00
4089661.65        1.31402
         609888.00    4089661.65        1.57138                      609988.00
4089661.65        1.86297
         609588.00    4089761.65        1.06205                      609688.00
4089761.65        1.23398
         609788.00    4089761.65        1.44237                      609888.00
4089761.65        1.74231
         609988.00    4089761.65        2.14851                      609588.00
4089861.65        1.14102
         609688.00    4089861.65        1.34511                      609788.00
4089861.65        1.60315
         609888.00    4089861.65        1.95763                      609988.00
4089861.65        2.50135
         609588.00    4089961.65        1.22940                      609688.00
4089961.65        1.45716
         609788.00    4089961.65        1.77793                      609888.00
4089961.65        2.23177
         609988.00    4089961.65        2.72174                      609588.00
4090061.65        1.30622
         609688.00    4090061.65        1.57035                      609788.00
4090061.65        1.94845
         609888.00    4090061.65        2.51887                      609988.00
4090061.65        3.19662
         609588.00    4090161.65        1.35597                      609688.00
4090161.65        1.64430
         609788.00    4090161.65        2.06907                      609888.00
4090161.65        2.51961
         609988.00    4090161.65        3.66803                      611188.00
4090161.65        2.87767
         611288.00    4090161.65        2.07941                      609588.00
4090261.65        1.33897
         609688.00    4090261.65        1.61495                      609788.00
4090261.65        1.89520
         609888.00    4090261.65        2.45986                      609988.00
4090261.65        3.61312
         611188.00    4090261.65        3.05196                      611288.00
4090261.65        2.22965
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
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 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                      *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

4090561.65 1.10317
609788.00 4090561.65 1.24348 609888.00
4090561.65 1.64123
609988.00 4090561.65 2.12957 611188.00
4090561.65 2.82627
611288.00 4090561.65 2.25700 611388.00
4090561.65 1.76213
611488.00 4090561.65 1.43355 611588.00
4090561.65 1.17914
609588.00 4090661.65 0.91248 609688.00
4090661.65 0.98009
609788.00 4090661.65 1.18180 609888.00
4090661.65 1.42571
609988.00 4090661.65 1.76472 610088.00
4090661.65 2.28570
610188.00 4090661.65 2.92369 610288.00
4090661.65 3.89950
610388.00 4090661.65 4.64827 610588.00
4090661.65 4.92739
610688.00 4090661.65 4.75846 610788.00
4090661.65 4.50815
610888.00 4090661.65 3.97967 610988.00
4090661.65 3.42536
611088.00 4090661.65 2.90081 611188.00
4090661.65 2.46072
611288.00 4090661.65 2.06424 611388.00
4090661.65 1.69016
611488.00 4090661.65 1.41647 611588.00
4090661.65 1.18707
609588.00 4090761.65 0.81355 609688.00
4090761.65 0.92703
609788.00 4090761.65 1.06355 609888.00
4090761.65 1.23648
609988.00 4090761.65 1.50496 610088.00
4090761.65 1.83799
610188.00 4090761.65 2.27503 610288.00
4090761.65 2.87049
610388.00 4090761.65 3.27113 610488.00
4090761.65 3.42290
610588.00 4090761.65 3.56534 610688.00
4090761.65 3.52196
610788.00 4090761.65 3.31373 610888.00
4090761.65 3.10360
610988.00 4090761.65 2.72842 611088.00
4090761.65 2.39546
611188.00 4090761.65 2.10214 611288.00
4090761.65 1.86168
611388.00 4090761.65 1.57129 611488.00
4090761.65 1.35642
611588.00 4090761.65 1.16510 609588.00

                               *** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)
Y-COORD (M)   CONC
 - - -

609588.00 4090961.65 0.74734 609688.00
4090961.65 0.77045
609788.00 4090961.65 0.85731 609888.00
4090961.65 0.98375
609988.00 4090961.65 1.13435 610088.00
4090961.65 1.27628
610188.00 4090961.65 1.44482 610288.00
4090961.65 1.68627
610388.00 4090961.65 1.88747 610488.00
4090961.65 1.99300
610588.00 4090961.65 2.06400 610688.00
4090961.65 2.05298
610788.00 4090961.65 1.97583 610888.00
4090961.65 1.91294
610988.00 4090961.65 1.74616 611088.00
4090961.65 1.62348
611188.00 4090961.65 1.52943 611288.00
4090961.65 1.44086
611388.00 4090961.65 1.29846 611488.00
4090961.65 1.17381
611588.00 4090961.65 1.05757 609588.00
4091061.65 0.71549
609688.00 4091061.65 0.78243 609788.00
4091061.65 0.79500
609888.00 4091061.65 0.89244 609988.00
4091061.65 1.00486
610088.00 4091061.65 1.09980 610188.00
4091061.65 1.23029
610288.00 4091061.65 1.39909 610388.00
4091061.65 1.51456
610488.00 4091061.65 1.54138 610588.00
4091061.65 1.59396
610688.00 4091061.65 1.69425 610788.00
4091061.65 1.58532
610888.00 4091061.65 1.53773 610988.00
4091061.65 1.42930
611088.00 4091061.65 1.35240 611188.00
4091061.65 1.29385
611288.00 4091061.65 1.26385 611388.00
4091061.65 1.16419
611488.00 4091061.65 1.07093 611588.00
4091061.65 0.98201
610394.73 4090395.25 22.73976 610363.15
4090393.15 24.11772
610315.78 4090393.15 22.76411 610287.36
4090385.78 21.33314
610241.04 4090379.46 16.19779 610212.62
4090353.14 15.13904
610198.94 4090300.51 17.14390 610207.36
4090274.19 21.41603

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
610813.71	4090072.75	26.81224	610840.36	4090523.56	6.19141
610546.31	4090669.80	4.76600	610415.81	4090675.14	4.47914
610386.70	4090522.51	8.97824	610388.00		

4090503.75   10.06308
         610390.59   4090488.23   11.13523   610391.23
4090465.59   12.98096
         610393.82   4090452.01   14.32722   610393.17
4090431.32   16.77910
         610395.11   4090413.21   19.44825

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                 L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        610088.00   4089561.65   663.41150 (16021608)   610138.00   4089561.65   636.23871 (16021608)
        610188.00   4089561.65   686.71961 (18012208)   610238.00   4089561.65   802.30884 (15022708)
        610288.00   4089561.65   862.39968 (15022708)   610338.00   4089561.65   852.81235 (15022708)
        610388.00   4089561.65   808.20451 (15022708)   610438.00   4089561.65   782.35410 (18112608)
        610488.00   4089561.65   904.35732 (19110408)   610538.00   4089561.65   921.41119 (19110408)
        610088.00   4089611.65   731.12658 (16021608)   610138.00   4089611.65   725.44830 (16021608)
        610188.00   4089611.65   699.43690 (16021608)   610238.00   4089611.65   770.75653 (15022708)

610288.00 4089611.65 889.38746 (15022708) 610338.00 4089611.65 918.64036 (15022708)
610388.00 4089611.65 893.15281 (15022708) 610438.00 4089611.65 838.61666 (15022708)
610488.00 4089611.65 936.37426 (19110408) 610538.00 4089611.65 983.02436 (19110408)
610088.00 4089661.65 761.31869 (16021608) 610138.00 4089661.65 794.39875 (16021608)
610188.00 4089661.65 794.29159 (16021608) 610238.00 4089661.65 771.02301 (16021608)
610288.00 4089661.65 871.21836 (15022708) 610338.00 4089661.65 965.92077 (15022708)
610388.00 4089661.65 978.70512 (15022708) 610438.00 4089661.65 943.08728 (15022708)
610488.00 4089661.65 958.25180 (19110408) 610088.00 4089711.65 788.27783 (15030208)
610138.00 4089711.65 817.02467 (16021608) 610188.00 4089711.65 866.34573 (16021608)
610238.00 4089711.65 874.17938 (16021608) 610288.00 4089711.65 848.40118 (16021608)
610338.00 4089711.65 975.04070 (15022708) 610388.00 4089711.65 1054.59450 (15022708)
610438.00 4089711.65 1046.94642 (15022708) 610488.00 4089711.65 979.24726 (15022708)
610088.00 4089761.65 871.97937 (15030208) 610138.00 4089761.65 892.14993 (15030208)
610188.00 4089761.65 893.10387 (15030208) 610238.00 4089761.65 951.49016 (16021608)
610288.00 4089761.65 956.63585 (16021608) 610338.00 4089761.65 928.97455 (16021608)
610388.00 4089761.65 1080.62522 (15022708) 610438.00 4089761.65 1132.30878 (15022708)
610088.00 4089811.65 882.66107 (15030208) 610138.00 4089811.65 957.19078 (15030208)
610188.00 4089811.65 1004.03791 (15030208) 610238.00 4089811.65 1021.09057 (15030208)
610288.00 4089811.65 1031.61589 (16021608) 610338.00 4089811.65 1043.57392 (16021608)
610388.00 4089811.65 1048.78869 (15022708) 610438.00 4089811.65 1185.42137 (15022708)
610088.00 4089861.65 888.83588 (17122908) 610138.00 4089861.65 928.73114 (17122908)
610188.00 4089861.65 1028.20032 (15030208) 610238.00 4089861.65 1119.38488 (15030208)
610288.00 4089861.65 1165.26136 (15030208) 610338.00 4089861.65 1130.24666 (15030208)
610388.00 4089861.65 1135.07373 (16021608) 610088.00 4089911.65 880.97111 (16021208)
610138.00 4089911.65 918.99154 (17122908) 610188.00 4089911.65 1011.05394 (17122908)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610338.00	4090011.65	1453.13539	(16021208)	610388.00	4090011.65	1506.63516	(16021208)
610438.00	4090011.65	1606.36629	(19110508)	610938.00	4090011.65	1603.47600	(18021608)
610988.00	4090011.65	1252.88305	(15120408)	610088.00			

4090061.65 1305.46654 (19110508)
610138.00 4090061.65 1397.88597 (19110508) 610188.00
4090061.65 1500.42621 (19110508)
610238.00 4090061.65 1518.77504 (19110508) 610288.00
4090061.65 1507.61972 (16020908)
610338.00 4090061.65 1552.33928 (16020908) 610388.00
4090061.65 1744.24345 (19110508)
610438.00 4090061.65 2178.17068 (19110508) 610838.00
4090061.65 1952.34609 (15012308)
610888.00 4090061.65 1491.41635 (15012308) 610938.00
4090061.65 1267.87452 (15012308)
610988.00 4090061.65 1130.87901 (15012308) 611038.00
4090061.65 1032.25612 (15012308)
611088.00 4090061.65 954.40559 (15012308) 610088.00
4090111.65 1221.35361 (16020908)
610138.00 4090111.65 1312.46144 (16020908) 610188.00
4090111.65 1396.89113 (16020908)
610238.00 4090111.65 1537.39309 (18122409) 610288.00
4090111.65 1630.94346 (18122409)
610338.00 4090111.65 1702.21118 (18122409) 610388.00
4090111.65 2140.31340 (18122409)
610838.00 4090111.65 1361.86080 (15021908) 610888.00
4090111.65 1159.09051 (15021908)
610938.00 4090111.65 1042.83803 (16122008) 610988.00
4090111.65 973.87427 (16122008)
611038.00 4090111.65 910.36665 (16122008) 611088.00
4090111.65 853.09616 (16122008)
610088.00 4090161.65 1245.00350 (18122409) 610138.00
4090161.65 1333.21923 (18122409)
610188.00 4090161.65 1353.68674 (18122409) 610838.00
4090161.65 1181.73451 (15021908)
610888.00 4090161.65 1136.73744 (15021908) 610938.00
4090161.65 1069.91445 (15021908)
610988.00 4090161.65 985.77474 (15021908) 611038.00
4090161.65 898.11562 (15021908)
611088.00 4090161.65 819.81843 (17013108) 610088.00
4090211.65 989.74643 (18122409)
610138.00 4090211.65 970.27951 (18122409) 610188.00
4090211.65 930.71317 (18122409)
610838.00 4090211.65 1088.47615 (15021808) 610888.00
4090211.65 957.53489 (17121208)
610938.00 4090211.65 913.16268 (15021908) 610988.00
4090211.65 911.31933 (15021908)
611038.00 4090211.65 885.12970 (15021908) 611088.00
4090211.65 842.13634 (15021908)
610088.00 4090261.65 533.93668 (18122409) 610138.00
4090261.65 477.95048 (18122409)
610188.00 4090261.65 475.96690 (15022308) 610838.00
4090261.65 1040.83847 (15021808)
610888.00 4090261.65 951.77043 (15021808) 610938.00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                    INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610238.00	4090411.65	1236.25157	(15110508)	610288.00	4090411.65	1457.20513	(19120408)
610338.00	4090411.65	1614.86441	(19120408)	610388.00	4090411.65	1833.76365	(18121408)
610838.00	4090411.65	708.73430	(19111408)	610888.00	4090411.65	745.31805	(19111408)
610938.00	4090411.65	747.86547	(15021808)	610988.00	4090411.65	747.13597	(15021808)
611038.00	4090411.65	730.59627	(15021808)	611088.00	4090411.65	765.77379	(15021808)
610088.00	4090461.65	1135.55433	(15022308)	610138.00	4090461.65	1018.38006	(15022308)
610188.00	4090461.65	1132.79311	(15110508)	610238.00	4090461.65	1279.74384	(19120408)
610288.00	4090461.65	1449.78512	(19120408)	610338.00	4090461.65	1559.37975	(18121408)
610388.00	4090461.65	1581.06183	(18121408)	610838.00	4090461.65	632.93105	(17111508)
610888.00	4090461.65	737.87249	(19111408)	610938.00	4090461.65	679.93533	(19111408)
610988.00	4090461.65	701.03581	(15021808)	611038.00	4090461.65	802.37084	(15021808)
611088.00	4090461.65	827.19548	(15021808)	610088.00	4090511.65	860.56224	(19121808)
610138.00	4090511.65	1043.30372	(15110508)	610188.00	4090511.65	1129.31949	(19120408)
610238.00	4090511.65	1297.07192	(19120408)	610288.00	4090511.65	1351.57378	(18121408)
610338.00	4090511.65	1563.45130	(18121408)	610888.00	4090511.65	648.51169	(19111408)
610938.00	4090511.65	643.26632	(19111408)	610988.00	4090511.65	700.42335	(19111408)
611038.00	4090511.65	798.95387	(15021808)	611088.00	4090511.65	808.22484	(15021808)
610088.00	4090561.65	945.71093	(15110508)	610138.00	4090561.65	1001.24398	(19120408)
610188.00	4090561.65	1167.35153	(19120408)	610238.00	4090561.65	1103.93608	(18121408)
610288.00	4090561.65	1448.79268	(18121408)	610338.00	4090561.65	1301.62824	(18121408)
610388.00	4090561.65	1064.86104	(15011308)	610788.00	4090561.65	743.12837	(17111508)
610838.00	4090561.65	725.08120	(17111508)	610888.00	4090561.65	584.57230	(17120408)
610938.00	4090561.65	587.59543	(19111408)	610988.00	4090561.65	708.87689	(19111408)

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        611038.00   4090561.65      712.37883  (19111408)                611088.00
4090561.65      738.82745  (15021808)
        609588.00   4089061.65      330.24769  (19013008)                609688.00
4089061.65      354.91847  (16122608)
        609788.00   4089061.65      398.60797  (18012208)                609888.00
4089061.65      465.44613  (15022708)
        609988.00   4089061.65      482.10257  (15022708)                610088.00
4089061.65      404.98711  (15010808)
        610188.00   4089061.65      459.93906  (18112608)                610288.00
4089061.65      473.00846  (15122109)
        610388.00   4089061.65      534.14025  (19110408)                610488.00
4089061.65      564.07070  (18120508)
        610588.00   4089061.65      607.76688  (15111108)                610688.00
4089061.65      611.34782  (18122109)
        610788.00   4089061.65      607.73809  (15022508)                610888.00
4089061.65      548.18036  (19112708)
        610988.00   4089061.65      600.19848  (16030108)                611088.00
4089061.65      647.39602  (16010809)
        611188.00   4089061.65      603.17783  (16010809)                611288.00
4089061.65      580.37872  (19111208)
        609588.00   4089161.65      375.69739  (16021608)                609688.00
4089161.65      369.84139  (19013008)
        609788.00   4089161.65      396.36245  (16122608)                609888.00
4089161.65      446.13655  (18012208)
        609988.00   4089161.65      530.86847  (15022708)                610088.00
4089161.65      519.93480  (15022708)
        610188.00   4089161.65      476.30426  (15010808)                610288.00
4089161.65      499.68994  (16011308)
        610388.00   4089161.65      583.55448  (19110408)                610488.00
4089161.65      615.68951  (18120508)
        610588.00   4089161.65      669.89961  (15111108)                610688.00
4089161.65      683.98054  (18122109)
        610788.00   4089161.65      661.38990  (15022508)                610888.00
4089161.65      653.28149  (19112708)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       11:56:13

                                  PAGE 374
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE1   ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
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L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610988.00	4089161.65	689.34770	(16030108)	611088.00	4089161.65	775.04400	(16010809)
609588.00	4089261.65	432.32958	(16021608)	609688.00	4089261.65	434.87414	(16021608)
609788.00	4089261.65	416.05125	(19013008)	609888.00	4089261.65	446.29844	(16122608)
609988.00	4089261.65	515.01024	(15022708)	610088.00	4089261.65	599.11414	(15022708)
610188.00	4089261.65	553.02945	(15022708)	610288.00	4089261.65	559.47814	(18112608)
610388.00	4089261.65	619.92399	(19110408)	610488.00	4089261.65	665.53550	(18120508)
610588.00	4089261.65	737.86454	(15111108)	610688.00	4089261.65	771.14969	(18122109)
609588.00	4089361.65	420.68526	(19121308)	609688.00	4089361.65	476.40149	(16021608)
609788.00	4089361.65	501.54999	(16021608)	609888.00	4089361.65	469.79689	(19013008)
609988.00	4089361.65	504.97238	(16122608)	610088.00	4089361.65	612.24519	(15022708)
610188.00	4089361.65	669.46717	(15022708)	610288.00	4089361.65	592.61247	(18112608)
610388.00	4089361.65	638.30892	(15122109)	610488.00	4089361.65	735.29020	(19110408)
610588.00	4089361.65	812.68671	(15111108)	609588.00	4089461.65	469.09375	(15030208)
609688.00	4089461.65	455.56262	(19121308)	609788.00	4089461.65	520.73967	(16021608)
609888.00	4089461.65	576.49856	(16021608)	609988.00	4089461.65	555.58080	(16021608)
610088.00	4089461.65	578.81201	(16122608)	610188.00	4089461.65	730.29557	(15022708)
610288.00	4089461.65	744.40702	(15022708)	610388.00	4089461.65	701.63626	(18112608)
610488.00	4089461.65	826.31481	(19110408)	610588.00	4089461.65	893.09467	(15111108)
609588.00	4089561.65	491.76104	(15030208)	609688.00			

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4089561.65      547.27581  (15030208)
        609788.00   4089561.65      567.26720  (15030208)               609888.00
4089561.65      577.68686  (19121308)
        609988.00   4089561.65      662.03875  (16021608)               609588.00
4089661.65      506.74122  (17122908)
        609688.00   4089661.65      528.95396  (17122908)               609788.00
4089661.65      603.60682  (15030208)
        609888.00   4089661.65      681.33414  (15030208)               609988.00
4089661.65      702.54337  (15030208)
        609588.00   4089761.65      477.07681  (16012008)               609688.00
4089761.65      528.43452  (17122908)
        609788.00   4089761.65      620.08701  (17122908)               609888.00
4089761.65      679.00550  (17122908)
        609988.00   4089761.65      767.88500  (15030208)               609588.00
4089861.65      578.04729  (16021208)
        609688.00   4089861.65      564.63145  (16021208)               609788.00
4089861.65      578.71742  (16021208)
        609888.00   4089861.65      611.26752  (16012008)               609988.00
4089861.65      754.88377  (17122908)
        609588.00   4089961.65      593.23413  (16021208)               609688.00
4089961.65      663.31230  (16021208)
        609788.00   4089961.65      744.62555  (16021208)               609888.00
4089961.65      832.43089  (16021208)
        609988.00   4089961.65      952.39526  (16021208)               609588.00
4090061.65      561.89736  (19110508)
        609688.00   4090061.65      625.61010  (19110508)               609788.00
4090061.65      702.46834  (19110508)
        609888.00   4090061.65      803.82836  (19110508)               609988.00
4090061.65     1154.00636  (19110508)
        609588.00   4090161.65      631.45932  (16020908)               609688.00
4090161.65      696.52662  (16020908)
        609788.00   4090161.65      763.57462  (16020908)               609888.00
4090161.65      903.14348  (18122409)
        609988.00   4090161.65     1070.10577  (18122409)               611188.00
4090161.65      711.93415  (17013108)
        611288.00   4090161.65      631.34773  (16122008)               609588.00
4090261.65      642.07204  (18122409)
        609688.00   4090261.65      693.07591  (18122409)               609788.00
4090261.65      770.70597  (18122409)
        609888.00   4090261.65      714.80357  (18122409)               609988.00
4090261.65      642.80137  (18122409)
        611188.00   4090261.65      743.59193  (15021908)               611288.00
4090261.65      703.35665  (15021908)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***        11:56:13

                                  PAGE 375
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE1 ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
611388.00	4090261.65	595.74205	(15021908)	611488.00	4090261.65	537.25522	(17013108)
609588.00	4090361.65	414.82197	(18122409)	609688.00	4090361.65	369.15657	(18122409)
609788.00	4090361.65	292.14094	(19122410)	609888.00	4090361.65	259.20636	(16011908)
609988.00	4090361.65	279.20282	(16011908)	611188.00	4090361.65	659.62956	(17121208)
611288.00	4090361.65	573.49125	(17121208)	611388.00	4090361.65	537.04083	(15021908)
611488.00	4090361.65	536.50221	(15021908)	611588.00	4090361.65	510.25618	(15021908)
609588.00	4090461.65	227.53877	(19122410)	609688.00	4090461.65	177.84116	(16011908)
609788.00	4090461.65	217.92820	(15020309)	609888.00	4090461.65	339.99060	(15022308)
609988.00	4090461.65	884.53727	(15022308)	611188.00	4090461.65	697.16223	(15020308)
611288.00	4090461.65	586.49018	(17121208)	611388.00	4090461.65	490.06231	(17121208)
611488.00	4090461.65	420.49058	(17121208)	611588.00	4090461.65	413.84888	(15021908)
609588.00	4090561.65	195.01611	(15020309)	609688.00	4090561.65	241.00316	(15022308)
609788.00	4090561.65	484.74657	(15022308)	609888.00	4090561.65	875.92485	(15022308)
609988.00	4090561.65	850.78582	(15022308)	611188.00	4090561.65	711.06118	(15021808)

611288.00 4090561.65 557.48620 (15020308) 611388.00
4090561.65 449.87490 (15020308)
611488.00 4090561.65 448.89844 (17121208) 611588.00
4090561.65 417.99671 (17121208)
609588.00 4090661.65 326.16383 (15022308) 609688.00
4090661.65 573.39997 (15022308)
609788.00 4090661.65 762.44407 (15022308) 609888.00
4090661.65 630.63932 (19121808)
609988.00 4090661.65 790.80211 (15110508) 610088.00
4090661.65 951.96792 (19120408)
610188.00 4090661.65 1090.33646 (18121408) 610288.00
4090661.65 1061.41898 (15011308)
610388.00 4090661.65 781.90256 (17110608) 610588.00
4090661.65 887.33857 (15112408)
610688.00 4090661.65 845.80891 (15021308) 610788.00
4090661.65 745.32758 (17111508)
610888.00 4090661.65 588.38115 (17111508) 610988.00
4090661.65 543.83561 (19111408)
611088.00 4090661.65 621.53911 (19111408) 611188.00
4090661.65 623.53257 (15021808)
611288.00 4090661.65 566.10804 (15021808) 611388.00
4090661.65 420.57306 (15010708)
611488.00 4090661.65 415.32263 (15020308) 611588.00
4090661.65 395.32313 (17121208)
609588.00 4090761.65 593.88645 (15022308) 609688.00
4090761.65 610.26412 (15022308)
609788.00 4090761.65 466.08910 (19121808) 609888.00
4090761.65 669.61377 (15110508)
609988.00 4090761.65 792.05163 (19120408) 610088.00
4090761.65 756.47747 (18121408)
610188.00 4090761.65 1002.90884 (18121408) 610288.00
4090761.65 748.51058 (15011308)
610388.00 4090761.65 622.70677 (17110608) 610488.00
4090761.65 592.96211 (15112408)
610588.00 4090761.65 814.31129 (15021308) 610688.00
4090761.65 851.29556 (15021308)
610788.00 4090761.65 683.15696 (15011309) 610888.00
4090761.65 586.16169 (17111508)
610988.00 4090761.65 482.70176 (17120408) 611088.00
4090761.65 553.39171 (19111408)
611188.00 4090761.65 607.22309 (19111408) 611288.00
4090761.65 517.86514 (15021808)
611388.00 4090761.65 444.89102 (15021808) 611488.00
4090761.65 389.07868 (15010708)
611588.00 4090761.65 375.29942 (15020308) 609588.00
4090861.65 478.52918 (19121808)
609688.00 4090861.65 394.63610 (15110508) 609788.00
4090861.65 574.15043 (15110508)
609888.00 4090861.65 669.30649 (19120408) 609988.00
4090861.65 501.86151 (18121408)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1 ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF PM_10 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610288.00	4090861.65	614.02511	(17110608)	610388.00	4090861.65	495.97007	(19010908)
610488.00	4090861.65	593.30173	(15112408)	610588.00	4090861.65	743.05638	(15021308)
610688.00	4090861.65	802.58015	(15021308)	610788.00	4090861.65	645.04205	(15011309)
610888.00	4090861.65	558.79341	(17111508)	610988.00	4090861.65	388.54635	(17120408)
611088.00	4090861.65	396.33632	(17120408)	611188.00	4090861.65	536.70570	(19111408)
611288.00	4090861.65	461.24198	(19111408)	611388.00	4090861.65	407.30934	(15021808)
611488.00	4090861.65	405.44103	(15021808)	611588.00	4090861.65	360.87914	(15010708)
609588.00	4090961.65	381.89820	(15110508)	609688.00	4090961.65	502.85816	(15110508)
609788.00	4090961.65	572.19798	(19120408)	609888.00	4090961.65	429.78124	(19120408)
609988.00	4090961.65	713.26395	(18121408)	610088.00			

4090961.65 730.63879 (15011308)
610188.00 4090961.65 714.68871 (15011308) 610288.00
4090961.65 572.65504 (17110608)
610388.00 4090961.65 430.57037 (19010908) 610488.00
4090961.65 592.51806 (15112408)
610588.00 4090961.65 680.06517 (15112408) 610688.00
4090961.65 785.91395 (15021308)
610788.00 4090961.65 601.56432 (15011309) 610888.00
4090961.65 561.84717 (17111508)
610988.00 4090961.65 388.86982 (17111508) 611088.00
4090961.65 363.71080 (17120408)
611188.00 4090961.65 386.60651 (19111408) 611288.00
4090961.65 394.71494 (19111408)
611388.00 4090961.65 359.75780 (19111408) 611488.00
4090961.65 374.29279 (15021808)
611588.00 4090961.65 372.72512 (15021808) 609588.00
4091061.65 350.93333 (15110508)
609688.00 4091061.65 431.81202 (19120408) 609788.00
4091061.65 421.03103 (19120408)
609888.00 4091061.65 547.45261 (18121408) 609988.00
4091061.65 631.01018 (18121408)
610088.00 4091061.65 715.97390 (15011308) 610188.00
4091061.65 481.99459 (17110608)
610288.00 4091061.65 436.90575 (17110608) 610388.00
4091061.65 362.55992 (19010908)
610488.00 4091061.65 662.01984 (15112408) 610588.00
4091061.65 620.60774 (15112408)
610688.00 4091061.65 740.07730 (15021308) 610788.00
4091061.65 557.16341 (15011309)
610888.00 4091061.65 502.38317 (17111508) 610988.00
4091061.65 388.36991 (17111508)
611088.00 4091061.65 297.02311 (17120408) 611188.00
4091061.65 335.83431 (17120408)
611288.00 4091061.65 321.99320 (19111408) 611388.00
4091061.65 353.58582 (19111408)
611488.00 4091061.65 317.91655 (19111408) 611588.00
4091061.65 344.46219 (15021808)
610394.73 4090395.25 1898.40320 (18121408) 610363.15
4090393.15 1644.26958 (19120408)
610315.78 4090393.15 1618.85325 (19120408) 610287.36
4090385.78 1488.28886 (15110508)
610241.04 4090379.46 1326.09078 (15022308) 610212.62
4090353.14 1432.65514 (15022308)
610198.94 4090300.51 1020.55754 (15022308) 610207.36
4090274.19 787.17574 (15022308)
610216.83 4090251.04 599.23385 (15022308) 610224.20
4090220.51 840.74953 (18122409)
610224.20 4090198.40 1088.88672 (18122409) 610253.60
4090118.34 1571.10753 (18122409)
610403.64 4090153.13 1598.88095 (18122409) 610415.18

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE1   ***
                                   INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        610813.71   4090072.75   2047.76331 (15012308)   610840.36
4090523.56   713.90082 (17111508)
        610546.31   4090669.80   837.32673 (15112408)   610415.81
4090675.14   697.74092 (17110608)
        610386.70   4090522.51   1223.26713 (15011308)   610388.00
4090503.75   1277.41938 (15011308)
        610390.59   4090488.23   1350.58677 (18121408)   610391.23
4090465.59   1530.14806 (18121408)
        610393.82   4090452.01   1618.52195 (18121408)   610393.17
4090431.32   1762.36398 (18121408)

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                  INCLUDING SOURCE(S):   L0000285   , L0000286 , L0000287   , L0000288   , L0000289   ,
                 L0000290   , L0000291   , L0000292   , L0000293   , L0000294 , L0000295   , L0000296   , L0000297   ,
                 L0000298   , L0000299   , L0000300   , L0000301   , L0000302 , L0000303   , L0000304   , L0000305   ,
                 L0000306   , L0000307   , L0000308   , L0000309   , L0000310 , L0000311   , L0000312   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        610088.00   4089561.65   792.61054 (15122109)   610138.00   4089561.65   874.87375 (19110408)
        610188.00   4089561.65   861.67420 (18120508)   610238.00   4089561.65   874.70902 (18120508)
        610288.00   4089561.65   941.33786 (15111108)   610338.00   4089561.65   894.70775 (16110708)
        610388.00   4089561.65   937.33675 (18122109)   610438.00   4089561.65   852.18303 (19111108)
        610488.00   4089561.65   789.79559 (19112708)   610538.00   4089561.65   830.33601 (19112708)
        610088.00   4089611.65   823.54834 (16011308)   610138.00   4089611.65   918.72156 (19110408)
        610188.00   4089611.65   910.28626 (19110408)   610238.00   4089611.65   943.29793 (18120508)
        610288.00   4089611.65   1008.69555 (15111108)   610338.00   4089611.65   953.20555 (16110708)
        610388.00   4089611.65   988.79494 (18122109)   610438.00   4089611.65   892.55163 (19111108)
        610488.00   4089611.65   879.57537 (19112708)   610538.00

4089611.65 910.40232 (16030108)
610088.00 4089661.65 889.58081 (18112608) 610138.00
4089661.65 956.28943 (19110408)
610188.00 4089661.65 994.86422 (19110408) 610238.00
4089661.65 1016.79177 (18120508)
610288.00 4089661.65 1080.74947 (15111108) 610338.00
4089661.65 1034.04366 (18122109)
610388.00 4089661.65 1047.94481 (18122109) 610438.00
4089661.65 935.59043 (19111108)
610488.00 4089661.65 962.90715 (19112708) 610088.00
4089711.65 962.99420 (18112608)
610138.00 4089711.65 996.20634 (15122109) 610188.00
4089711.65 1087.44183 (19110408)
610238.00 4089711.65 1103.79462 (18120508) 610288.00
4089711.65 1163.35401 (15111108)
610338.00 4089711.65 1139.14334 (18122109) 610388.00
4089711.65 1115.79989 (18122109)
610438.00 4089711.65 972.11415 (19111108) 610488.00
4089711.65 1035.06680 (16030108)
610088.00 4089761.65 1025.84998 (15022708) 610138.00
4089761.65 1034.94841 (16011308)
610188.00 4089761.65 1194.20641 (19110408) 610238.00
4089761.65 1208.74594 (18120508)
610288.00 4089761.65 1260.74279 (15111108) 610338.00
4089761.65 1251.58509 (18122109)
610388.00 4089761.65 1171.39419 (18122109) 610438.00
4089761.65 1103.76180 (19112708)
610088.00 4089811.65 1219.25761 (15022708) 610138.00
4089811.65 1145.81931 (18112608)
610188.00 4089811.65 1294.40534 (19110408) 610238.00
4089811.65 1325.86919 (18120508)
610288.00 4089811.65 1388.43252 (15111108) 610338.00
4089811.65 1384.58516 (18122109)
610388.00 4089811.65 1260.78803 (19111108) 610438.00
4089811.65 1242.87347 (19112708)
610088.00 4089861.65 1425.72205 (15022708) 610138.00
4089861.65 1337.46580 (15022708)
610188.00 4089861.65 1404.58952 (19110408) 610238.00
4089861.65 1500.62697 (18120508)
610288.00 4089861.65 1569.96922 (15111108) 610338.00
4089861.65 1538.02545 (18122109)
610388.00 4089861.65 1341.34157 (19111108) 610088.00
4089911.65 1590.17932 (15022708)
610138.00 4089911.65 1560.61240 (15022708) 610188.00
4089911.65 1484.19477 (15122109)
610238.00 4089911.65 1680.56092 (19110408) 610288.00
4089911.65 1794.21267 (15111108)
610338.00 4089911.65 1714.53215 (18122109) 610388.00
4089911.65 1489.17992 (19112708)
610088.00 4089961.65 1576.03729 (15022708) 610138.00

4089961.65   1835.41355 (15022708)
        610188.00   4089961.65   1661.58426 (18112608)   610238.00
4089961.65   2008.89108 (19110408)
        610288.00   4089961.65   2053.37109 (15111108)   610338.00
4089961.65   1917.01917 (18122109)
        610388.00   4089961.65   1769.69906 (19112708)   610088.00
4090011.65   1667.17609 (16021608)
        610138.00   4090011.65   1926.70019 (15022708)   610188.00
4090011.65   1907.59523 (15022708)
        610238.00   4090011.65   2279.88964 (19110408)   610288.00
4090011.65   2410.80756 (15111108)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0000285   , L0000286
, L0000287   , L0000288   , L0000289   ,
                L0000290   , L0000291   , L0000292   , L0000293   , L0000294
, L0000295   , L0000296   , L0000297   ,
                L0000298   , L0000299   , L0000300   , L0000301   , L0000302
, L0000303   , L0000304   , L0000305   ,
                L0000306   , L0000307   , L0000308   , L0000309   , L0000310
, L0000311   , L0000312   , . . .   ,

                                              *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        610338.00   4090011.65   2127.82077 (18122109)   610388.00
4090011.65   2160.53582 (16030108)
        610438.00   4090011.65   2184.62478 (16010809)   610938.00
4090011.65   1341.01748 (18120708)
        610988.00   4090011.65   1177.02135 (18120708)   610088.00
4090061.65   2018.17363 (15030208)
        610138.00   4090061.65   1947.07598 (15030208)   610188.00
4090061.65   2298.96260 (15022708)
        610238.00   4090061.65   2406.52804 (19110408)   610288.00
4090061.65   2684.58010 (15111108)

610338.00 4090061.65 2385.32433 (19111108) 610388.00
4090061.65 2680.32865 (16010809)
610438.00 4090061.65 2836.11863 (15011209) 610838.00
4090061.65 1818.11801 (18120708)
610888.00 4090061.65 1466.65602 (18120708) 610938.00
4090061.65 1251.39084 (17121808)
610988.00 4090061.65 1127.24044 (17121808) 611038.00
4090061.65 1029.87208 (15123008)
611088.00 4090061.65 973.58584 (16021108) 610088.00
4090111.65 2256.26096 (17122908)
610138.00 4090111.65 2527.71379 (15030208) 610188.00
4090111.65 2643.52609 (15030208)
610238.00 4090111.65 2761.26351 (15030208) 610288.00
4090111.65 3133.17896 (15111108)
610338.00 4090111.65 3006.33741 (16030108) 610388.00
4090111.65 3411.82074 (19111208)
610838.00 4090111.65 1703.36498 (16021108) 610888.00
4090111.65 1463.64630 (16021108)
610938.00 4090111.65 1287.16313 (16021108) 610988.00
4090111.65 1132.40301 (16021108)
611038.00 4090111.65 1011.44085 (15120408) 611088.00
4090111.65 907.34099 (15120408)
610088.00 4090161.65 2703.60592 (16120809) 610138.00
4090161.65 3149.73315 (16120809)
610188.00 4090161.65 3627.94498 (16120809) 610838.00
4090161.65 1530.64809 (16121608)
610888.00 4090161.65 1366.25317 (16121608) 610938.00
4090161.65 1236.50452 (16121608)
610988.00 4090161.65 1125.97872 (16121608) 611038.00
4090161.65 1030.18314 (16121608)
611088.00 4090161.65 946.70504 (16121608) 610088.00
4090211.65 2986.78854 (19110508)
610138.00 4090211.65 3568.79084 (19110508) 610188.00
4090211.65 4395.30079 (16020908)
610838.00 4090211.65 1490.50299 (15012208) 610888.00
4090211.65 1334.98708 (15012208)
610938.00 4090211.65 1206.82983 (15012208) 610988.00
4090211.65 1098.86310 (15012208)
611038.00 4090211.65 1006.94600 (15012208) 611088.00
4090211.65 927.95741 (15012208)
610088.00 4090261.65 3014.63976 (18122409) 610138.00
4090261.65 3404.08495 (18122409)
610188.00 4090261.65 3471.38927 (18122409) 610838.00
4090261.65 1446.91108 (16122008)
610888.00 4090261.65 1310.80545 (16122008) 610938.00
4090261.65 1179.13789 (16122008)
610988.00 4090261.65 1057.93264 (16122008) 611038.00
4090261.65 980.83788 (15122408)
611088.00 4090261.65 913.18829 (15122408) 610088.00
4090311.65 2009.77334 (18122409)

```
        610138.00   4090311.65     1969.66755  (18122409)                610188.00
4090311.65     3105.62761  (15022308)
        610838.00   4090311.65     1279.55744  (17013108)                610888.00
4090311.65     1132.57457  (18020508)
        610938.00   4090311.65     1041.86173  (18020508)                610988.00
4090311.65      952.67134  (16122008)
        611038.00   4090311.65      920.56986  (16122008)                611088.00
4090311.65      894.17129  (16122008)
        610088.00   4090361.65     1997.79761  (15022308)                610138.00
4090361.65     2747.81390  (15022308)
        610188.00   4090361.65     2818.50871  (15022308)                610838.00
4090361.65     1312.13864  (15021908)
        610888.00   4090361.65     1180.11178  (15021908)                610938.00
4090361.65     1081.94098  (17013108)
        610988.00   4090361.65      963.35140  (17013108)                611038.00
4090361.65      840.19626  (18020508)
        611088.00   4090361.65      862.75483  (18020508)                610088.00
4090411.65     2245.29177  (15022308)
        610138.00   4090411.65     2205.93482  (15110508)                610188.00
4090411.65     2762.26198  (18121408)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                            ***       11:56:13

                                    PAGE 380
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                    INCLUDING SOURCE(S):     L0000285    , L0000286
, L0000287    , L0000288    , L0000289    ,
                  L0000290    , L0000291    , L0000292    , L0000293    , L0000294
, L0000295    , L0000296    , L0000297    ,
                  L0000298    , L0000299    , L0000300    , L0000301    , L0000302
, L0000303    , L0000304    , L0000305    ,
                  L0000306    , L0000307    , L0000308    , L0000309    , L0000310
, L0000311    , L0000312    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        610238.00   4090411.65     2684.46513  (15011308)                610288.00
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4090411.65 3086.36743 (15112408)
610338.00 4090411.65 2635.69628 (17111508) 610388.00
4090411.65 1849.83143 (17120408)
610838.00 4090411.65 1054.54784 (15021908) 610888.00
4090411.65 1101.73822 (15021908)
610938.00 4090411.65 1071.96953 (15021908) 610988.00
4090411.65 1001.67033 (15021908)
611038.00 4090411.65 931.46091 (17013108) 611088.00
4090411.65 972.43397 (17013108)
610088.00 4090461.65 1776.53572 (15110508) 610138.00
4090461.65 2082.81149 (18121408)
610188.00 4090461.65 2273.10916 (18121408) 610238.00
4090461.65 1814.25890 (15011308)
610288.00 4090461.65 2498.69839 (15112408) 610338.00
4090461.65 2333.17016 (15011309)
610388.00 4090461.65 1612.04874 (17111508) 610838.00
4090461.65 1027.47379 (17121208)
610888.00 4090461.65 881.40784 (17121208) 610938.00
4090461.65 867.62946 (15021908)
610988.00 4090461.65 913.55873 (15021908) 611038.00
4090461.65 1003.32467 (15021908)
611088.00 4090461.65 1050.51507 (15021908) 610088.00
4090511.65 1629.40993 (19120408)
610138.00 4090511.65 2001.92850 (18121408) 610188.00
4090511.65 1830.67082 (15011308)
610238.00 4090511.65 1389.24237 (15112408) 610288.00
4090511.65 2066.38687 (15112408)
610338.00 4090511.65 2135.88775 (15011309) 610888.00
4090511.65 993.00904 (17121208)
610938.00 4090511.65 819.78506 (17121208) 610988.00
4090511.65 724.74383 (16022608)
611038.00 4090511.65 877.14065 (15021908) 611088.00
4090511.65 929.58583 (15021908)
610088.00 4090561.65 1746.08406 (18121408) 610138.00
4090561.65 1767.17175 (15011308)
610188.00 4090561.65 1368.46273 (17110608) 610238.00
4090561.65 1419.90752 (15112408)
610288.00 4090561.65 1785.47347 (15112408) 610338.00
4090561.65 1915.90232 (15011309)
610388.00 4090561.65 1524.30261 (17111508) 610788.00
4090561.65 898.16801 (15021808)
610838.00 4090561.65 1028.93257 (15020308) 610888.00
4090561.65 944.42818 (17121208)
610938.00 4090561.65 859.26103 (17121208) 610988.00
4090561.65 900.76861 (17121208)
611038.00 4090561.65 827.54084 (17121208) 611088.00
4090561.65 709.21024 (16022608)
609588.00 4089061.65 429.44945 (15022708) 609688.00
4089061.65 400.04533 (15010808)
609788.00 4089061.65 447.77668 (18112608) 609888.00

4089061.65   458.78668 (16011308)
        609988.00   4089061.65   494.41697 (19110408)   610088.00
4089061.65   488.22337 (18120508)
        610188.00   4089061.65   494.76531 (19020808)   610288.00
4089061.65   540.87840 (15111108)
        610388.00   4089061.65   529.55207 (18122109)   610488.00
4089061.65   507.75260 (15022508)
        610588.00   4089061.65   445.19848 (19020608)   610688.00
4089061.65   465.29866 (19112708)
        610788.00   4089061.65   476.67983 (15021108)   610888.00
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4089061.65   436.53207 (19111208)
        611188.00   4089061.65   445.66770 (15011209)   611288.00
4089061.65   422.70487 (15011209)
        609588.00   4089161.65   520.16879 (15022708)   609688.00
4089161.65   437.34682 (15022708)
        609788.00   4089161.65   478.70442 (15010808)   609888.00
4089161.65   481.56558 (18112608)
        609988.00   4089161.65   529.94825 (15122109)   610088.00
4089161.65   533.95818 (17121108)
        610188.00   4089161.65   554.95877 (18120508)   610288.00
4089161.65   596.39692 (15111108)
        610388.00   4089161.65   589.33837 (18122109)   610488.00
4089161.65   546.66316 (15022508)
        610588.00   4089161.65   482.97070 (15122108)   610688.00
4089161.65   514.27422 (16030108)
        610788.00   4089161.65   538.34226 (17022408)   610888.00
4089161.65   555.36071 (16010809)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2   ***
                                   INCLUDING SOURCE(S):   L0000285   , L0000286 , L0000287   , L0000288   , L0000289   ,
                 L0000290   , L0000291   , L0000292   , L0000293   , L0000294 , L0000295   , L0000296   , L0000297   ,
                 L0000298   , L0000299   , L0000300   , L0000301   , L0000302 , L0000303   , L0000304   , L0000305   ,
                 L0000306   , L0000307   , L0000308   , L0000309   , L0000310 , L0000311   , L0000312   , . . .   ,

                                                  *** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610988.00	4089161.65	481.87410	(19111208)	611088.00	4089161.65	470.91900	(15011209)
609588.00	4089261.65	538.37862	(15022708)	609688.00	4089261.65	573.73264	(15022708)
609788.00	4089261.65	474.72442	(15010808)	609888.00	4089261.65	548.97206	(18112608)
609988.00	4089261.65	557.48698	(15122109)	610088.00	4089261.65	605.10212	(19110408)
610188.00	4089261.65	626.24526	(18120508)	610288.00	4089261.65	663.05804	(15111108)
610388.00	4089261.65	660.69912	(18122109)	610488.00	4089261.65	591.74907	(19111108)
610588.00	4089261.65	570.06745	(19112708)	610688.00	4089261.65	592.32846	(16030108)
609588.00	4089361.65	543.74308	(18012208)	609688.00	4089361.65	639.23582	(15022708)
609788.00	4089361.65	619.40061	(15022708)	609888.00	4089361.65	586.51326	(15010808)
609988.00	4089361.65	605.55934	(16011308)	610088.00	4089361.65	678.76215	(19110408)
610188.00	4089361.65	699.26718	(18120508)	610288.00	4089361.65	742.92283	(15111108)
610388.00	4089361.65	747.33111	(18122109)	610488.00	4089361.65	647.09496	(19111108)
610588.00	4089361.65	651.47947	(19112708)	609588.00	4089461.65	539.19121	(19112208)
609688.00	4089461.65	633.56353	(18012208)	609788.00	4089461.65	747.77867	(15022708)
609888.00	4089461.65	643.98438	(15022708)	609988.00	4089461.65	688.52765	(18112608)
610088.00	4089461.65	738.16116	(19110408)	610188.00	4089461.65	778.79959	(18120508)
610288.00	4089461.65	831.39612	(15111108)	610388.00	4089461.65	840.89972	(18122109)
610488.00	4089461.65	701.45405	(19110608)	610588.00	4089461.65	737.30138	(16030108)
609588.00	4089561.65	625.35129	(19013008)	609688.00	4089561.65	626.30904	(19112208)
609788.00	4089561.65	736.51935	(18012208)	609888.00	4089561.65	854.11409	(15022708)
609988.00	4089561.65	741.24445	(15010808)	609588.00	4089661.65	757.65254	(16021608)

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        609688.00   4089661.65      742.22917  (16021608)               609788.00
4089661.65      742.34942  (16122608)
        609888.00   4089661.65      914.99334  (15022708)               609988.00
4089661.65      953.38567  (15022708)
        609588.00   4089761.65      753.48076  (19121308)               609688.00
4089761.65      866.75478  (16021608)
        609788.00   4089761.65      936.66311  (16021608)               609888.00
4089761.65      892.52420  (16122608)
        609988.00   4089761.65     1148.10519  (15022708)               609588.00
4089861.65      906.78667  (15030208)
        609688.00   4089861.65      987.29913  (15030208)               609788.00
4089861.65     1003.94971  (19121308)
        609888.00   4089861.65     1172.26535  (16021608)               609988.00
4089861.65     1112.63859  (16122608)
        609588.00   4089961.65      918.90822  (17122908)               609688.00
4089961.65     1030.02823  (17122908)
        609788.00   4089961.65     1193.94328  (15030208)               609888.00
4089961.65     1371.83731  (15030208)
        609988.00   4089961.65     1493.59142  (16021608)               609588.00
4090061.65      834.24733  (16120809)
        609688.00   4090061.65      943.17428  (16012008)               609788.00
4090061.65     1159.64420  (16012008)
        609888.00   4090061.65     1510.86766  (17122908)               609988.00
4090061.65     1767.29415  (15030208)
        609588.00   4090161.65     1031.71524  (16021208)               609688.00
4090161.65     1229.41567  (16021208)
        609788.00   4090161.65     1500.40750  (16021208)               609888.00
4090161.65     1933.92065  (16021208)
        609988.00   4090161.65     2194.12993  (16021208)               611188.00
4090161.65      818.06193  (16121608)
        611288.00   4090161.65      720.03125  (16121608)               609588.00
4090261.65      995.72488  (16020908)
        609688.00   4090261.65     1207.88814  (16020908)               609788.00
4090261.65     1624.06740  (16020908)
        609888.00   4090261.65     2029.15548  (16020908)               609988.00
4090261.65     2301.04083  (16020908)
        611188.00   4090261.65      820.60791  (18011608)               611288.00
4090261.65      737.77650  (18011608)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                     PAGE 382
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  SLINE2   ***
                                     INCLUDING SOURCE(S):     L0000285    , L0000286
, L0000287    , L0000288    , L0000289    ,
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                 L0000290    , L0000291    , L0000292    , L0000293    , L0000294
, L0000295    , L0000296    , L0000297    ,
                 L0000298    , L0000299    , L0000300    , L0000301    , L0000302
, L0000303    , L0000304    , L0000305    ,
                 L0000306    , L0000307    , L0000308    , L0000309    , L0000310
, L0000311    , L0000312    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        611388.00   4090261.65      624.63724  (18011608)               611488.00
4090261.65      560.13089  (18011608)
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4090361.65     1251.58631  (18122409)
        609788.00   4090361.65     1415.04949  (18122409)               609888.00
4090361.65     1259.13586  (18122409)
        609988.00   4090361.65      995.86816  (18122409)               611188.00
4090361.65      741.74685  (18020508)
        611288.00   4090361.65      669.30142  (16122008)               611388.00
4090361.65      588.59548  (16122008)
        611488.00   4090361.65      548.80122  (16122008)               611588.00
4090361.65      505.33063  (16122008)
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4090461.65      448.24556  (18122409)
        609788.00   4090461.65      410.04641  (16011908)               609888.00
4090461.65      694.45280  (15022308)
        609988.00   4090461.65     1758.87153  (15022308)               611188.00
4090461.65      894.01208  (17013108)
        611288.00   4090461.65      695.27222  (17013108)               611388.00
4090461.65      523.65428  (17013108)
        611488.00   4090461.65      495.09294  (18020508)               611588.00
4090461.65      462.75297  (18020508)
        609588.00   4090561.65      248.64314  (16011908)               609688.00
4090561.65      422.43960  (15022308)
        609788.00   4090561.65      950.60461  (15022308)               609888.00
4090561.65     1305.88426  (15022308)
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4090561.65      789.30223  (15021908)
        611288.00   4090561.65      738.97296  (15021908)               611388.00
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        611488.00   4090561.65      525.61440  (17013108)               611588.00
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        609988.00   4090661.65     1167.57665  (18121408)                610088.00
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        610188.00   4090661.65      895.10320  (19010908)                610288.00
4090661.65     1436.78019  (15021308)
        610388.00   4090661.65     1116.94578  (15011309)                610588.00
4090661.65      791.49553  (19111408)
        610688.00   4090661.65      799.39587  (19111408)                610788.00
4090661.65     1030.07828  (15021808)
        610888.00   4090661.65      885.91575  (15010708)                610988.00
4090661.65      860.38250  (15020308)
        611088.00   4090661.65      831.94409  (17121208)                611188.00
4090661.65      704.07281  (17121208)
        611288.00   4090661.65      489.07631  (16022608)                611388.00
4090661.65      471.73266  (16022608)
        611488.00   4090661.65      498.34902  (15021908)                611588.00
4090661.65      491.91354  (15021908)
        609588.00   4090761.65      866.50236  (15022308)                609688.00
4090761.65      672.84366  (19121808)
        609788.00   4090761.65      836.63476  (15110508)                609888.00
4090761.65      855.30024  (19120408)
        609988.00   4090761.65     1160.66031  (18121408)                610088.00
4090761.65     1047.23115  (15011308)
        610188.00   4090761.65      722.00645  (15112408)                610288.00
4090761.65     1159.66951  (15021308)
        610388.00   4090761.65     1091.27018  (15011309)                610488.00
4090761.65      747.84879  (17111508)
        610588.00   4090761.65      705.80560  (17120408)                610688.00
4090761.65      738.73665  (19111408)
        610788.00   4090761.65      820.56256  (19111408)                610888.00
4090761.65      871.28309  (15021808)
        610988.00   4090761.65      780.95342  (15010708)                611088.00
4090761.65      766.61016  (15020308)
        611188.00   4090761.65      709.37345  (17121208)                611288.00
4090761.65      591.32259  (17121208)
        611388.00   4090761.65      416.89360  (17020808)                611488.00
4090761.65      351.71498  (16022608)
        611588.00   4090761.65      386.13155  (16022608)                609588.00
4090861.65      521.32936  (15110508)
        609688.00   4090861.65      693.63898  (15110508)                609788.00
4090861.65      745.57976  (19120408)
        609888.00   4090861.65      982.55152  (18121408)                609988.00
4090861.65     1042.03658  (15011308)
        610088.00   4090861.65      726.73527  (17110608)                610188.00
4090861.65      745.68706  (15112408)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000285 , L0000286 , L0000287 , L0000288 , L0000289 ,
L0000290 , L0000291 , L0000292 , L0000293 , L0000294 , L0000295 , L0000296 , L0000297 ,
L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 , L0000305 ,
L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610288.00	4090861.65	1032.39062	(15021308)	610388.00	4090861.65	1048.12752	(15011309)
610488.00	4090861.65	742.19372	(17111508)	610588.00	4090861.65	626.46719	(17111508)
610688.00	4090861.65	604.92377	(17120408)	610788.00	4090861.65	779.11164	(19111408)
610888.00	4090861.65	670.68808	(19111408)	610988.00	4090861.65	818.97261	(15021808)
611088.00	4090861.65	692.12296	(15010708)	611188.00	4090861.65	675.30549	(15020308)
611288.00	4090861.65	541.05238	(15020308)	611388.00	4090861.65	466.44192	(17121208)
611488.00	4090861.65	420.38800	(17121208)	611588.00	4090861.65	350.69574	(17020808)
609588.00	4090961.65	542.10510	(19120408)	609688.00	4090961.65	669.98299	(19120408)
609788.00	4090961.65	756.57133	(18121408)	609888.00	4090961.65	839.46882	(15011308)
609988.00	4090961.65	755.45574	(15011308)	610088.00	4090961.65	535.30786	(19010908)
610188.00	4090961.65	769.98619	(15112408)	610288.00	4090961.65	946.38611	(15021308)
610388.00	4090961.65	936.81204	(15011309)	610488.00	4090961.65	723.21021	(17111508)

610588.00 4090961.65 627.94613 (17111508) 610688.00
4090961.65 585.95496 (17120408)
610788.00 4090961.65 584.60442 (19111408) 610888.00
4090961.65 682.37057 (19111408)
610988.00 4090961.65 712.55891 (15021808) 611088.00
4090961.65 809.78730 (15021808)
611188.00 4090961.65 629.84909 (15010708) 611288.00
4090961.65 448.43067 (15020308)
611388.00 4090961.65 434.55964 (15020308) 611488.00
4090961.65 401.29840 (17121208)
611588.00 4090961.65 399.98858 (17121208) 609588.00
4091061.65 533.96393 (19120408)
609688.00 4091061.65 528.15175 (18121408) 609788.00
4091061.65 750.93668 (18121408)
609888.00 4091061.65 772.71304 (15011308) 609988.00
4091061.65 576.33144 (17110608)
610088.00 4091061.65 465.91625 (19010908) 610188.00
4091061.65 756.64350 (15112408)
610288.00 4091061.65 830.96823 (15021308) 610388.00
4091061.65 841.06441 (15011309)
610488.00 4091061.65 610.99254 (15011309) 610588.00
4091061.65 617.23992 (17111508)
610688.00 4091061.65 409.88030 (17120408) 610788.00
4091061.65 483.07324 (17120408)
610888.00 4091061.65 585.34262 (19111408) 610988.00
4091061.65 645.94094 (19111408)
611088.00 4091061.65 641.90867 (15021808) 611188.00
4091061.65 729.08336 (15021808)
611288.00 4091061.65 448.63470 (15010708) 611388.00
4091061.65 377.61000 (17121308)
611488.00 4091061.65 395.68788 (15020308) 611588.00
4091061.65 348.27287 (15020308)
610394.73 4090395.25 2258.76774 (19111408) 610363.15
4090393.15 2054.93979 (17120408)
610315.78 4090393.15 3479.33262 (15011309) 610287.36
4090385.78 3508.07533 (15112408)
610241.04 4090379.46 3294.22820 (15011308) 610212.62
4090353.14 2993.85705 (18121408)
610198.94 4090300.51 3203.94632 (15022308) 610207.36
4090274.19 2973.96343 (18122409)
610216.83 4090251.04 3942.10526 (18122409) 610224.20
4090220.51 5373.81873 (18122409)
610224.20 4090198.40 4944.44177 (19110508) 610253.60
4090118.34 3006.34750 (19110408)
610403.64 4090153.13 4287.10837 (17013008) 610415.18
4090111.36 3630.57810 (15011209)
610467.45 4090025.35 2430.69891 (15011209) 610413.79
4089916.09 1591.80061 (16030108)
610673.58 4089289.60 615.02414 (16030108) 611206.21
4089155.71 513.92355 (15011209)

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SLINE2 ***
INCLUDING SOURCE(S): L0000285 , L0000286 , L0000287 , L0000288 , L0000289 ,
L0000290 , L0000291 , L0000292 , L0000293 , L0000294 , L0000295 , L0000296 , L0000297 ,
L0000298 , L0000299 , L0000300 , L0000301 , L0000302 , L0000303 , L0000304 , L0000305 ,
L0000306 , L0000307 , L0000308 , L0000309 , L0000310 , L0000311 , L0000312 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610813.71	4090072.75	1949.03592	(18120708)	610840.36	4090523.56	1056.27378	(17121208)
610546.31	4090669.80	712.04100	(17120408)	610415.81	4090675.14	982.96104	(17111508)
610386.70	4090522.51	1663.36204	(17111508)	610388.00	4090503.75	1674.43413	(17111508)
610390.59	4090488.23	1623.23648	(17111508)	610391.23	4090465.59	1554.80808	(17111508)
610393.82	4090452.01	1580.81484	(17120408)	610393.17	4090431.32	1758.83851	(17120408)
610395.11	4090413.21	1905.96647	(19111408)				

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610088.00	4089561.65	63.44763	(16020909)	610138.00	4089561.65	61.22291	(16020909)
610188.00	4089561.65	54.90856	(16020909)	610238.00	4089561.65	54.40224	(16022309)
610288.00	4089561.65	63.26219	(19010309)	610338.00	4089561.65	57.24868	(16022309)
610388.00	4089561.65	49.04808	(16022309)	610438.00	4089561.65	45.07791	(15010710)
610488.00	4089561.65	39.53989	(17120710)	610538.00	4089561.65	49.97699	(16100708)
610088.00	4089611.65	68.27780	(19100808)	610138.00	4089611.65	63.55173	(16020909)
610188.00	4089611.65	60.66829	(16020909)	610238.00	4089611.65	53.37767	(16020909)
610288.00	4089611.65	56.40652	(16022309)	610338.00	4089611.65	58.58757	(16022309)
610388.00	4089611.65	53.44136	(16022309)	610438.00	4089611.65	44.22732	(15010710)
610488.00	4089611.65	40.91367	(15010710)	610538.00	4089611.65	47.50931	(17120410)
610088.00	4089661.65	70.10837	(19100808)	610138.00	4089661.65	68.55493	(19100808)
610188.00	4089661.65	62.88890	(16020909)	610238.00	4089661.65	59.35243	(16020909)
610288.00	4089661.65	50.72885	(16020909)	610338.00	4089661.65	56.70099	(16022309)
610388.00	4089661.65	55.86133	(16022309)	610438.00	4089661.65	46.58101	(16022309)
610488.00	4089661.65	42.75985	(15010710)	610088.00	4089711.65	66.52265	(19100808)
610138.00	4089711.65	69.14504	(19100808)	610188.00			

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4089711.65       67.83615  (19100808)
        610238.00   4089711.65       61.62796  (19100808)                610288.00
4089711.65       56.71438  (16020909)
        610338.00   4089711.65       50.73929  (16022309)                610388.00
4089711.65       54.92370  (16022309)
        610438.00   4089711.65       49.70841  (16022309)                610488.00
4089711.65       46.09688  (17020111)
        610088.00   4089761.65       57.56323  (19100808)                610138.00
4089761.65       63.67177  (19100808)
        610188.00   4089761.65       67.00714  (19100808)                610238.00
4089761.65       65.58568  (19100808)
        610288.00   4089761.65       57.99450  (19100808)                610338.00
4089761.65       52.26183  (16020909)
        610388.00   4089761.65       54.54015  (16010111)                610438.00
4089761.65       50.91466  (16012610)
        610088.00   4089811.65       44.44823  (19100808)                610138.00
4089811.65       52.14632  (19100808)
        610188.00   4089811.65       58.62936  (19100808)                610238.00
4089811.65       61.97480  (19100808)
        610288.00   4089811.65       59.99894  (19100808)                610338.00
4089811.65       56.07510  (15021010)
        610388.00   4089811.65       54.94576  (18122810)                610438.00
4089811.65       67.50357  (16010111)
        610088.00   4089861.65       44.56181  (17112309)                610138.00
4089861.65       43.62539  (16122111)
        610188.00   4089861.65       47.23157  (16122111)                610238.00
4089861.65       53.24515  (16122814)
        610288.00   4089861.65       62.37308  (17120813)                610338.00
4089861.65       63.18395  (15021010)
        610388.00   4089861.65       71.66109  (15021010)                610088.00
4089911.65       43.41881  (15012110)
        610138.00   4089911.65       45.05540  (15012110)                610188.00
4089911.65       50.07923  (18121911)
        610238.00   4089911.65       58.70993  (16122111)                610288.00
4089911.65       65.14391  (16122111)
        610338.00   4089911.65       75.44830  (16122813)                610388.00
4089911.65       84.22182  (17120813)
        610088.00   4089961.65       40.90804  (18012910)                610138.00
4089961.65       47.46284  (15012110)
        610188.00   4089961.65       58.08521  (15012110)                610238.00
4089961.65       66.66825  (15012110)
        610288.00   4089961.65       73.00584  (18121911)                610338.00
4089961.65       81.93477  (16122111)
        610388.00   4089961.65       96.46746  (16122813)                610088.00
4090011.65       71.14692  (17021708)
        610138.00   4090011.65       67.81467  (17021708)                610188.00
4090011.65       61.61114  (17021708)
        610238.00   4090011.65       68.28564  (17011611)                610288.00
4090011.65       78.10588  (17011611)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610338.00	4090011.65	94.00611	(15012110)	610388.00	4090011.65	111.52064	(15012110)
610438.00	4090011.65	128.27359	(18121911)	610938.00	4090011.65	87.60371	(19111916)
610988.00	4090011.65	69.37856	(19092610)	610088.00	4090061.65	117.19161	(17021708)
610138.00	4090061.65	127.97758	(17021708)	610188.00	4090061.65	138.95586	(17021708)
610238.00	4090061.65	149.11910	(17021708)	610288.00	4090061.65	152.21386	(17021708)
610338.00	4090061.65	138.09201	(17021708)	610388.00	4090061.65	124.15829	(17021708)
610438.00	4090061.65	160.72457	(18012911)	610838.00	4090061.65	148.96572	(19092611)
610888.00	4090061.65	105.07524	(19111915)	610938.00	4090061.65	78.10124	(19111915)
610988.00	4090061.65	62.56516	(17090409)	611038.00	4090061.65	54.25578	(17090409)
611088.00	4090061.65	47.92360	(17090409)	610088.00	4090111.65	95.94798	(17021708)
610138.00	4090111.65	105.59394	(17021708)	610188.00	4090111.65	115.83148	(17021708)
610238.00	4090111.65	126.85407	(17021708)	610288.00	4090111.65	132.07642	(17021708)
610338.00	4090111.65	128.79442	(17021708)	610388.00	4090111.65	154.01322	(17021708)
610838.00	4090111.65	144.07625	(19031214)	610888.00	4090111.65	103.88097	(16040709)
610938.00	4090111.65	82.06343	(16040709)	610988.00			

4090111.65 68.46326 (19012814)
611038.00 4090111.65 58.61737 (19012814) 611088.00
4090111.65 50.76678 (19012814)
610088.00 4090161.65 45.87367 (17121910) 610138.00
4090161.65 49.79189 (17021709)
610188.00 4090161.65 56.46582 (17021710) 610838.00
4090161.65 121.20804 (18112913)
610888.00 4090161.65 95.37234 (19020411) 610938.00
4090161.65 77.84662 (19020411)
610988.00 4090161.65 65.32381 (17020115) 611038.00
4090161.65 57.98246 (17020115)
611088.00 4090161.65 50.81461 (17020115) 610088.00
4090211.65 56.42245 (15111909)
610138.00 4090211.65 58.46857 (15111909) 610188.00
4090211.65 59.47512 (15111909)
610838.00 4090211.65 106.92894 (15122213) 610888.00
4090211.65 85.59387 (15022714)
610938.00 4090211.65 76.32805 (17020114) 610988.00
4090211.65 61.47492 (17020114)
611038.00 4090211.65 58.17044 (19020409) 611088.00
4090211.65 53.97203 (19112916)
610088.00 4090261.65 69.18247 (18102308) 610138.00
4090261.65 65.85946 (18102308)
610188.00 4090261.65 63.78106 (15111909) 610838.00
4090261.65 102.14217 (15122211)
610888.00 4090261.65 81.11075 (19020410) 610938.00
4090261.65 71.23618 (18121415)
610988.00 4090261.65 58.59161 (17091209) 611038.00
4090261.65 52.68929 (18010909)
611088.00 4090261.65 49.30149 (19112916) 610088.00
4090311.65 64.49327 (15111909)
610138.00 4090311.65 62.89730 (15111909) 610188.00
4090311.65 63.43265 (16011909)
610838.00 4090311.65 89.73540 (19021411) 610888.00
4090311.65 75.37934 (15122211)
610938.00 4090311.65 82.89192 (15122209) 610988.00
4090311.65 63.77791 (15122209)
611038.00 4090311.65 52.83771 (18121415) 611088.00
4090311.65 53.81993 (18010909)
610088.00 4090361.65 65.47780 (16011909) 610138.00
4090361.65 72.59276 (16011909)
610188.00 4090361.65 68.71517 (16011909) 610838.00
4090361.65 73.77594 (17012013)
610888.00 4090361.65 68.26202 (19021411) 610938.00
4090361.65 62.02619 (15122209)
610988.00 4090361.65 81.35387 (15122209) 611038.00
4090361.65 72.98344 (15122209)
611088.00 4090361.65 55.65882 (15122209) 610088.00
4090411.65 70.17221 (16011909)
610138.00 4090411.65 63.09557 (18032908) 610188.00

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1   ***
                                  INCLUDING SOURCE(S):   STCK1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                              ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 - - -

4090511.65 55.63832 (18030108)
610338.00 4090511.65 98.88288 (18030108) 610888.00
4090511.65 86.98501 (18112908)
610938.00 4090511.65 47.39736 (19022713) 610988.00
4090511.65 46.44964 (18010911)
611038.00 4090511.65 55.52070 (16010609) 611088.00
4090511.65 63.70824 (16010609)
610088.00 4090561.65 54.56562 (18020109) 610138.00
4090561.65 51.20295 (18020109)
610188.00 4090561.65 44.72512 (18020109) 610238.00
4090561.65 43.96063 (18030108)
610288.00 4090561.65 79.20959 (18030108) 610338.00
4090561.65 102.93288 (18030108)
610388.00 4090561.65 88.80533 (18030108) 610788.00
4090561.65 103.03377 (17020308)
610838.00 4090561.65 115.66862 (19030608) 610888.00
4090561.65 96.31604 (19030608)
610938.00 4090561.65 58.57978 (18112908) 610988.00
4090561.65 42.74598 (19022713)
611038.00 4090561.65 44.80284 (15091008) 611088.00
4090561.65 58.38345 (16010609)
609588.00 4089061.65 54.44285 (19081608) 609688.00
4089061.65 51.90548 (18102408)
609788.00 4089061.65 44.80950 (18031208) 609888.00
4089061.65 49.90240 (18121109)
609988.00 4089061.65 57.98054 (19010309) 610088.00
4089061.65 44.34742 (16022309)
610188.00 4089061.65 41.78760 (17101208) 610288.00
4089061.65 40.96903 (15010710)
610388.00 4089061.65 45.35405 (16021109) 610488.00
4089061.65 49.03449 (16100708)
610588.00 4089061.65 62.75748 (16100708) 610688.00
4089061.65 73.94510 (18013009)
610788.00 4089061.65 61.49205 (18013009) 610888.00
4089061.65 53.14732 (15031108)
610988.00 4089061.65 48.38217 (18101908) 611088.00
4089061.65 46.19125 (18013109)
611188.00 4089061.65 57.31089 (18013109) 611288.00
4089061.65 53.37635 (18013109)
609588.00 4089161.65 67.51129 (19081608) 609688.00
4089161.65 56.38656 (19081608)
609788.00 4089161.65 51.73903 (18102408) 609888.00
4089161.65 44.90623 (18121109)
609988.00 4089161.65 58.95498 (19010309) 610088.00
4089161.65 56.85479 (19010309)
610188.00 4089161.65 42.42766 (17080408) 610288.00
4089161.65 43.94520 (15010710)
610388.00 4089161.65 43.73400 (15090108) 610488.00
4089161.65 48.78518 (16100708)
610588.00 4089161.65 65.20342 (16100708) 610688.00

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610988.00	4089161.65	47.45076	(18101908)	611088.00	4089161.65	54.42565	(18013109)
609588.00	4089261.65	72.39837	(19081608)	609688.00	4089261.65	69.81294	(19081608)
609788.00	4089261.65	57.93363	(19081608)	609888.00	4089261.65	52.97345	(16020909)
609988.00	4089261.65	45.64146	(18121109)	610088.00	4089261.65	65.52624	(19010309)
610188.00	4089261.65	50.11906	(16022309)	610288.00	4089261.65	43.87168	(15010710)
610388.00	4089261.65	42.12201	(15090108)	610488.00	4089261.65	47.69201	(16100708)
610588.00	4089261.65	67.25133	(16100708)	610688.00	4089261.65	74.79717	(18013009)
609588.00	4089361.65	64.72903	(19081608)	609688.00	4089361.65	72.19225	(19081608)
609788.00	4089361.65	70.86263	(19081608)	609888.00	4089361.65	59.46674	(16020909)
609988.00	4089361.65	54.58806	(16020909)	610088.00	4089361.65	54.53114	(19010309)
610188.00	4089361.65	64.98229	(19010309)	610288.00	4089361.65	46.88643	(16022309)
610388.00	4089361.65	44.07714	(15010710)	610488.00	4089361.65	45.40309	(16100708)
610588.00	4089361.65	68.51247	(16100708)	609588.00			

4089461.65 57.08137 (17110209)
609688.00 4089461.65 60.06734 (19081608) 609788.00
4089461.65 69.82230 (19081608)
609888.00 4089461.65 69.71466 (19081608) 609988.00
4089461.65 61.86587 (16020909)
610088.00 4089461.65 55.58561 (16020909) 610188.00
4089461.65 63.22188 (19010309)
610288.00 4089461.65 55.82888 (16022309) 610388.00
4089461.65 45.76636 (15010710)
610488.00 4089461.65 40.75522 (17120710) 610588.00
4089461.65 68.02097 (16100708)
609588.00 4089561.65 47.60614 (17110209) 609688.00
4089561.65 54.73450 (17110209)
609788.00 4089561.65 58.36090 (17110209) 609888.00
4089561.65 64.75684 (19100808)
609988.00 4089561.65 69.17248 (19100808) 609588.00
4089661.65 49.35396 (17112309)
609688.00 4089661.65 50.33416 (17112309) 609788.00
4089661.65 48.56511 (17110209)
609888.00 4089661.65 54.59963 (17110209) 609988.00
4089661.65 63.36903 (19100808)
609588.00 4089761.65 37.69628 (15112310) 609688.00
4089761.65 43.74129 (17112309)
609788.00 4089761.65 48.82332 (17112309) 609888.00
4089761.65 50.03780 (17112309)
609988.00 4089761.65 45.12712 (17112309) 609588.00
4089861.65 34.57865 (15011410)
609688.00 4089861.65 36.49547 (15011410) 609788.00
4089861.65 37.72836 (15011410)
609888.00 4089861.65 38.26563 (17112309) 609988.00
4089861.65 43.61138 (17112309)
609588.00 4089961.65 38.82250 (17021708) 609688.00
4089961.65 40.59969 (17021708)
609788.00 4089961.65 41.52676 (17021708) 609888.00
4089961.65 40.43312 (17021708)
609988.00 4089961.65 39.19302 (15011410) 609588.00
4090061.65 50.17027 (17021708)
609688.00 4090061.65 58.28399 (17021708) 609788.00
4090061.65 68.26646 (17021708)
609888.00 4090061.65 81.30382 (17021708) 609988.00
4090061.65 97.96366 (17021708)
609588.00 4090161.65 40.82998 (17121910) 609688.00
4090161.65 43.06017 (17121910)
609788.00 4090161.65 45.04579 (17121910) 609888.00
4090161.65 46.18658 (17121910)
609988.00 4090161.65 46.89946 (17121910) 611188.00
4090161.65 39.62673 (19020413)
611288.00 4090161.65 43.94820 (16031608) 609588.00
4090261.65 48.29091 (17121910)
609688.00 4090261.65 48.51755 (17121910) 609788.00

4090261.65   50.07606 (17122810)
        609888.00   4090261.65   53.58195 (19110409)   609988.00
4090261.65   62.83115 (18102308)
        611188.00   4090261.65   61.69961 (19112916)   611288.00
4090261.65   58.41844 (16102108)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1   ***
                                  INCLUDING SOURCE(S):   STCK1   ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
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4090561.65       55.97072  (17031708)
        609788.00   4090561.65       58.64372  (17031708)                609888.00
4090561.65       60.17545  (18032908)
        609988.00   4090561.65       60.94274  (18032908)                611188.00
4090561.65       60.24951  (15122209)
        611288.00   4090561.65       60.34651  (15122209)                611388.00
4090561.65       45.80049  (15122208)
        611488.00   4090561.65       46.49264  (19111109)                611588.00
4090561.65       52.04312  (16102108)
        609588.00   4090661.65       58.82647  (17031708)                609688.00
4090661.65       57.86255  (17031708)
        609788.00   4090661.65       57.69098  (18032908)                609888.00
4090661.65       55.99875  (18032908)
        609988.00   4090661.65       54.95934  (18020109)                610088.00
4090661.65       46.08056  (18020109)
        610188.00   4090661.65       51.87642  (17011009)                610288.00
4090661.65       83.63645  (18030108)
        610388.00   4090661.65       58.79784  (15021609)                610588.00
4090661.65       45.33962  (17010409)
        610688.00   4090661.65       62.31800  (17020708)                610788.00
4090661.65      100.16016  (17020308)
        610888.00   4090661.65       90.30066  (19030608)                610988.00
4090661.65       56.00439  (17011108)
        611088.00   4090661.65       43.34118  (15091008)                611188.00
4090661.65       55.45055  (16010609)
        611288.00   4090661.65       48.67135  (16010609)                611388.00
4090661.65       44.92961  (15122209)
        611488.00   4090661.65       43.55053  (18033008)                611588.00
4090661.65       43.54353  (19111109)
        609588.00   4090761.65       54.00703  (17031708)                609688.00
4090761.65       53.81162  (18032908)
        609788.00   4090761.65       54.01258  (18020109)                609888.00
4090761.65       53.63785  (18020109)
        609988.00   4090761.65       45.55396  (18020109)                610088.00
4090761.65       37.45597  (17011009)
        610188.00   4090761.65       65.98964  (18030108)                610288.00
4090761.65       55.27289  (18030108)
        610388.00   4090761.65       61.09373  (15021609)                610488.00
4090761.65       58.12572  (17010409)
        610588.00   4090761.65       45.20416  (17112909)                610688.00
4090761.65       51.14659  (17020708)
        610788.00   4090761.65       80.58937  (17020308)                610888.00
4090761.65       68.48635  (19011709)
        610988.00   4090761.65       64.36992  (19030608)                611088.00
4090761.65       54.41000  (17011108)
        611188.00   4090761.65       42.24789  (15091008)                611288.00
4090761.65       47.24920  (16010609)
        611388.00   4090761.65       45.08295  (17122610)                611488.00
4090761.65       38.15290  (18033008)
        611588.00   4090761.65       41.15188  (18033008)                609588.00
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: STCK1 ***
INCLUDING SOURCE(S): STCK1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610288.00	4090861.65	58.08082	(15021609)	610388.00	4090861.65	57.11674	(15021609)
610488.00	4090861.65	59.30191	(17010409)	610588.00	4090861.65	49.14988	(17112909)
610688.00	4090861.65	47.49158	(17010408)	610788.00	4090861.65	68.21740	(16011309)
610888.00	4090861.65	67.00927	(19011709)	610988.00	4090861.65	60.24084	(19030608)
611088.00	4090861.65	53.48854	(17121510)	611188.00	4090861.65	46.40674	(17011108)
611288.00	4090861.65	39.36187	(15091008)	611388.00	4090861.65	43.36705	(17122610)
611488.00	4090861.65	44.13005	(17122610)	611588.00	4090861.65	37.73691	(17122610)
609588.00	4090961.65	51.02208	(18020109)	609688.00	4090961.65	51.78408	(19110108)
609788.00	4090961.65	47.48553	(19110108)	609888.00	4090961.65	36.09248	(19120408)
609988.00	4090961.65	41.42188	(17011009)	610088.00	4090961.65	49.64089	(17011009)
610188.00	4090961.65	48.57714	(15021609)	610288.00			

4090961.65 58.50808 (15021609)
610388.00 4090961.65 50.47405 (15021609) 610488.00
4090961.65 58.73675 (17010409)
610588.00 4090961.65 50.57326 (17112909) 610688.00
4090961.65 48.62362 (17010408)
610788.00 4090961.65 55.70686 (16011309) 610888.00
4090961.65 55.49067 (19011709)
610988.00 4090961.65 55.90202 (17022108) 611088.00
4090961.65 56.55029 (17121510)
611188.00 4090961.65 51.10166 (17011108) 611288.00
4090961.65 37.13087 (15032608)
611388.00 4090961.65 36.05630 (15091008) 611488.00
4090961.65 41.90281 (17122610)
611588.00 4090961.65 42.83463 (17122610) 609588.00
4091061.65 50.13002 (19110108)
609688.00 4091061.65 45.46297 (19110108) 609788.00
4091061.65 37.80349 (19120408)
609888.00 4091061.65 36.39529 (19010210) 609988.00
4091061.65 44.17381 (17011009)
610088.00 4091061.65 43.44791 (16030408) 610188.00
4091061.65 52.77581 (15021609)
610288.00 4091061.65 55.63351 (15021609) 610388.00
4091061.65 47.60809 (17022008)
610488.00 4091061.65 51.20374 (17010409) 610588.00
4091061.65 50.78209 (17112909)
610688.00 4091061.65 48.46091 (17010408) 610788.00
4091061.65 44.29016 (16011309)
610888.00 4091061.65 56.23122 (16011309) 610988.00
4091061.65 57.46766 (19011709)
611088.00 4091061.65 53.57727 (17121510) 611188.00
4091061.65 51.45502 (17121510)
611288.00 4091061.65 39.54474 (17011108) 611388.00
4091061.65 35.41410 (15032608)
611488.00 4091061.65 35.14626 (15020209) 611588.00
4091061.65 40.25428 (17122610)
610394.73 4090395.25 86.73871 (18030108) 610363.15
4090393.15 67.05645 (19011616)
610315.78 4090393.15 59.70025 (17021713) 610287.36
4090385.78 56.46575 (17021714)
610241.04 4090379.46 59.97554 (18032908) 610212.62
4090353.14 65.85231 (16011909)
610198.94 4090300.51 59.83125 (15111909) 610207.36
4090274.19 62.14667 (15111909)
610216.83 4090251.04 62.47599 (15111909) 610224.20
4090220.51 61.23755 (17021711)
610224.20 4090198.40 61.06527 (17021711) 610253.60
4090118.34 116.84054 (17021708)
610403.64 4090153.13 141.76436 (17021711) 610415.18
4090111.36 157.58825 (17021709)
610467.45 4090025.35 157.64822 (18121911) 610413.79

4089916.09   90.54346 (15021010)
        610673.58   4089289.60   74.71102 (18013009)   611206.21
4089155.71   58.86274 (18013109)
        611849.26   4088791.16   46.64564 (15102308)   612492.52
4089831.70   47.00514 (15102108)
        612263.93   4090646.71   60.36496 (16102108)   610949.94
4089967.33   80.27132 (19031216)
        610939.95   4089959.04   79.07921 (19031216)   610917.00
4089999.01   92.83793 (19031215)

                                *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: STCK1   ***
                                   INCLUDING SOURCE(S):   STCK1   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3
                  **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M)
Y-COORD (M)   CONC   (YYMMDDHH)
 -
- -
        610813.71   4090072.75   169.45258 (19111915)   610840.36
4090523.56   125.93792 (19030608)
        610546.31   4090669.80   62.17890 (17010409)   610415.81
4090675.14   58.37314 (15021609)
        610386.70   4090522.51   109.80918 (18030108)   610388.00
4090503.75   116.94702 (18030108)
        610390.59   4090488.23   121.26817 (18030108)   610391.23
4090465.59   123.61826 (18030108)
        610393.82   4090452.01   123.37832 (18030108)   610393.17
4090431.32   114.78238 (18030108)
        610395.11   4090413.21   104.45123 (18030108)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610088.00	4089561.65	804.13611	(15122109)	610138.00	4089561.65	905.78324	(19110408)
610188.00	4089561.65	880.35711	(18120508)	610238.00	4089561.65	899.67063	(18120508)
610288.00	4089561.65	982.78965	(15111108)	610338.00	4089561.65	947.13586	(15111108)
610388.00	4089561.65	974.61367	(18122109)	610438.00	4089561.65	891.92382	(19111108)
610488.00	4089561.65	940.77234	(19110408)	610538.00	4089561.65	949.98898	(19110408)
610088.00	4089611.65	832.14870	(16011308)	610138.00	4089611.65	949.60940	(19110408)
610188.00	4089611.65	949.92045	(19110408)	610238.00	4089611.65	967.23956	(18120508)
610288.00	4089611.65	1052.96744	(15111108)	610338.00	4089611.65	1003.85694	(15111108)
610388.00	4089611.65	1028.88113	(18122109)	610438.00	4089611.65	935.12855	(19111108)
610488.00	4089611.65	978.18021	(19110408)	610538.00	4089611.65	1014.80400	(19110408)
610088.00	4089661.65	906.44270	(18112608)	610138.00	4089661.65	988.26861	(19110408)
610188.00	4089661.65	1033.00681	(19110408)	610238.00	4089661.65	1040.83669	(18120508)
610288.00	4089661.65	1128.42299	(15111108)	610338.00	4089661.65	1072.70377	(18122109)
610388.00	4089661.65	1091.75314	(18122109)	610438.00	4089661.65	984.45812	(15022708)

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        610488.00   4089661.65     1006.73121  (19110408)              610088.00
4089711.65      977.49876  (18112608)
        610138.00   4089711.65     1010.81583  (19110408)              610188.00
4089711.65     1126.07057  (19110408)
        610238.00   4089711.65     1128.87525  (18120508)              610288.00
4089711.65     1215.04398  (15111108)
        610338.00   4089711.65     1182.13675  (18122109)              610388.00
4089711.65     1164.44003  (18122109)
        610438.00   4089711.65     1094.11320  (15022708)              610488.00
4089711.65     1108.63519  (16030108)
        610088.00   4089761.65     1107.14737  (15022708)              610138.00
4089761.65     1047.66639  (15122109)
        610188.00   4089761.65     1234.70994  (19110408)              610238.00
4089761.65     1235.52572  (18120508)
        610288.00   4089761.65     1316.96266  (15111108)              610338.00
4089761.65     1299.04406  (18122109)
        610388.00   4089761.65     1225.14350  (18122109)              610438.00
4089761.65     1186.69722  (15022708)
        610088.00   4089811.65     1277.30875  (15022708)              610138.00
4089811.65     1162.48864  (18112608)
        610188.00   4089811.65     1337.31097  (19110408)              610238.00
4089811.65     1354.63778  (18120508)
        610288.00   4089811.65     1449.88728  (15111108)              610338.00
4089811.65     1436.90849  (18122109)
        610388.00   4089811.65     1312.26294  (19111108)              610438.00
4089811.65     1290.12801  (19112708)
        610088.00   4089861.65     1473.10387  (15022708)              610138.00
4089861.65     1404.29886  (15022708)
        610188.00   4089861.65     1449.62403  (19110408)              610238.00
4089861.65     1531.51302  (18120508)
        610288.00   4089861.65     1637.51312  (15111108)              610338.00
4089861.65     1595.31808  (18122109)
        610388.00   4089861.65     1398.64830  (19111108)              610088.00
4089911.65     1628.53973  (15022708)
        610138.00   4089911.65     1608.29773  (15022708)              610188.00
4089911.65     1502.01734  (15122109)
        610238.00   4089911.65     1730.40989  (19110408)              610288.00
4089911.65     1867.43229  (15111108)
        610338.00   4089911.65     1776.61703  (18122109)              610388.00
4089911.65     1540.64775  (19112708)
        610088.00   4089961.65     1600.09868  (15022708)              610138.00
4089961.65     1864.02063  (15022708)
        610188.00   4089961.65     1673.43070  (18112608)              610238.00
4089961.65     2051.68545  (19110408)
        610288.00   4089961.65     2131.06517  (15111108)              610338.00
4089961.65     1983.42823  (18122109)
        610388.00   4089961.65     1826.68897  (16030108)              610088.00
4090011.65     1690.73167  (16021608)
        610138.00   4090011.65     1949.68243  (15022708)              610188.00
4090011.65     1936.62429  (15022708)
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610338.00	4090011.65	2197.33963	(18122109)	610388.00	4090011.65	2272.45765	(16030108)
610438.00	4090011.65	2311.02287	(16010809)	610938.00	4090011.65	2516.55922	(18120708)
610988.00	4090011.65	2035.25352	(19111308)	610088.00	4090061.65	2080.17771	(15030208)
610138.00	4090061.65	2046.68153	(15030208)	610188.00	4090061.65	2327.76827	(15022708)
610238.00	4090061.65	2455.21627	(19110408)	610288.00	4090061.65	2764.58511	(15111108)
610338.00	4090061.65	2446.05629	(19111108)	610388.00	4090061.65	2784.36729	(16010809)
610438.00	4090061.65	2930.75511	(15011209)	610838.00	4090061.65	3062.33383	(19111308)
610888.00	4090061.65	2410.80355	(18021608)	610938.00	4090061.65	2051.02655	(18021608)
610988.00	4090061.65	1790.62949	(18021608)	611038.00	4090061.65	1603.66332	(15120408)
611088.00	4090061.65	1468.42498	(15120408)	610088.00			

4090111.65 2321.43028 (17122908)
610138.00 4090111.65 2577.90681 (15030208) 610188.00
4090111.65 2721.12972 (15030208)
610238.00 4090111.65 2894.29569 (15030208) 610288.00
4090111.65 3210.84259 (15111108)
610338.00 4090111.65 3096.47426 (16030108) 610388.00
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611038.00 4090111.65 1323.19179 (15120408) 611088.00
4090111.65 1226.80008 (16121608)
610088.00 4090161.65 2859.54226 (16021208) 610138.00
4090161.65 3337.87986 (16120809)
610188.00 4090161.65 3870.14314 (16120809) 610838.00
4090161.65 1837.53423 (16121608)
610888.00 4090161.65 1645.50657 (16121608) 610938.00
4090161.65 1492.51809 (16121608)
610988.00 4090161.65 1370.70143 (15012208) 611038.00
4090161.65 1284.07311 (15012208)
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610988.00 4090261.65 1223.15613 (16122008) 611038.00
4090261.65 1130.56816 (16122008)
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4090311.65 2211.34182 (18122409)
610138.00 4090311.65 2408.75899 (15022308) 610188.00
4090311.65 4148.20202 (15022308)
610838.00 4090311.65 1429.88924 (17013108) 610888.00
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610938.00 4090311.65 1134.20279 (18020508) 610988.00
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611038.00 4090311.65 992.56853 (16122008) 611088.00
4090311.65 977.11979 (16122008)
610088.00 4090361.65 2739.97996 (15022308) 610138.00

4090361.65   3840.28299 (15022308)
        610188.00   4090361.65   4172.52966 (15022308)   610838.00
4090361.65   1404.80617 (15021908)
        610888.00   4090361.65   1303.67621 (15021908)   610938.00
4090361.65   1181.48090 (17013108)
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4090361.65   994.15014 (17013108)
        611088.00   4090361.65   959.46359 (17013108)   610088.00
4090411.65   3385.91630 (15022308)
        610138.00   4090411.65   3296.08974 (15022308)   610188.00
4090411.65   2860.82492 (18121408)

 *** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

                               *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002 , L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010 , L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018 , L0000019   , L0000020   , L0000021   ,
                L0000022   , L0000023   , L0000024   , L0000025   , L0000026 , L0000027   , L0000028   , . . .   ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3
                **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        610238.00   4090411.65   2786.84305 (15011308)   610288.00
4090411.65   3107.91841 (15112408)
        610338.00   4090411.65   2647.58467 (17111508)   610388.00
4090411.65   2325.71050 (18121408)
        610838.00   4090411.65   1093.69373 (15021908)   610888.00
4090411.65   1153.97882 (15021908)
        610938.00   4090411.65   1142.62606 (15021908)   610988.00
4090411.65   1096.66872 (15021908)
        611038.00   4090411.65   1043.30301 (15021908)   611088.00
4090411.65   1078.57093 (17013108)

610088.00 4090461.65 2614.15995 (15022308) 610138.00 4090461.65 2352.09200 (15110508)
610188.00 4090461.65 2430.84563 (18121408) 610238.00 4090461.65 2024.36496 (19120408)
610288.00 4090461.65 2516.31184 (15112408) 610338.00 4090461.65 2349.42563 (15011309)
610388.00 4090461.65 1842.26685 (15011308) 610838.00 4090461.65 1091.03247 (17121208)
610888.00 4090461.65 987.10095 (17121208) 610938.00 4090461.65 900.23178 (15021908)
610988.00 4090461.65 956.44345 (15021908) 611038.00 4090461.65 1067.38598 (15021908)
611088.00 4090461.65 1146.47857 (15021908) 610088.00 4090511.65 2058.16744 (15110508)
610138.00 4090511.65 2104.55301 (18121408) 610188.00 4090511.65 1929.54131 (15011308)
610238.00 4090511.65 1790.10500 (18121408) 610288.00 4090511.65 2080.80174 (15112408)
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610938.00 4090511.65 895.21683 (17121208) 610988.00 4090511.65 840.36236 (17121208)
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610188.00 4090561.65 1662.75949 (18121408) 610238.00 4090561.65 1796.65281 (18121408)
610288.00 4090561.65 1835.65096 (18121408) 610338.00 4090561.65 1927.59415 (15011309)
610388.00 4090561.65 1534.56885 (17111508) 610788.00 4090561.65 992.90900 (15021808)
610838.00 4090561.65 1055.65816 (15020308) 610888.00 4090561.65 970.34876 (17121208)
610938.00 4090561.65 895.64883 (17121208) 610988.00 4090561.65 968.68482 (17121208)
611038.00 4090561.65 942.14945 (17121208) 611088.00 4090561.65 842.35668 (17121208)
609588.00 4089061.65 548.02720 (15022708) 609688.00 4089061.65 521.14494 (15022708)
609788.00 4089061.65 509.71225 (15022708) 609888.00 4089061.65 521.64704 (15022708)
609988.00 4089061.65 524.72677 (19110408) 610088.00 4089061.65 533.34974 (19110408)
610188.00 4089061.65 550.72905 (18120508) 610288.00 4089061.65 594.81204 (15111108)
610388.00 4089061.65 589.23856 (15111108) 610488.00 4089061.65 619.49323 (15111108)
610588.00 4089061.65 667.87666 (15111108) 610688.00 4089061.65 696.30594 (18122109)

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        610788.00   4089061.65      646.51943  (19111108)               610888.00
4089061.65      710.81550  (16030108)
        610988.00   4089061.65      805.41389  (17022408)               611088.00
4089061.65      884.53039  (16010809)
        611188.00   4089061.65      826.43797  (19111208)               611288.00
4089061.65      865.43992  (15011209)
        609588.00   4089161.65      583.91352  (15022708)               609688.00
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        609788.00   4089161.65      542.67746  (15022708)               609888.00
4089161.65      546.45311  (15022708)
        609988.00   4089161.65      570.69696  (15022708)               610088.00
4089161.65      587.83915  (19110408)
        610188.00   4089161.65      601.29427  (18120508)               610288.00
4089161.65      643.19264  (15111108)
        610388.00   4089161.65      623.71013  (15111108)               610488.00
4089161.65      651.73002  (15111108)
        610588.00   4089161.65      732.22262  (15111108)               610688.00
4089161.65      759.12533  (18122109)
        610788.00   4089161.65      699.36560  (19111108)               610888.00
4089161.65      800.09293  (16030108)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                            ***       11:56:13

                                      PAGE 395
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                  *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                      INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
        610988.00   4089161.65      938.70462  (16010809)               611088.00
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4089161.65      934.72949  (16010809)
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        609788.00   4089261.65      609.76675  (15022708)              609888.00
4089261.65      569.95630  (18112608)
        609988.00   4089261.65      598.29305  (15022708)              610088.00
4089261.65      647.46785  (19110408)
        610188.00   4089261.65      658.01003  (18120508)              610288.00
4089261.65      704.55182  (15111108)
        610388.00   4089261.65      689.69905  (18122109)              610488.00
4089261.65      704.13788  (18120508)
        610588.00   4089261.65      802.25061  (15111108)              610688.00
4089261.65      836.22959  (18122109)
        609588.00   4089361.65      571.33938  (16122608)              609688.00
4089361.65      676.39085  (15022708)
        609788.00   4089361.65      711.86580  (15022708)              609888.00
4089361.65      630.31483  (15022708)
        609988.00   4089361.65      620.40325  (18112608)              610088.00
4089361.65      708.62664  (19110408)
        610188.00   4089361.65      721.98244  (18120508)              610288.00
4089361.65      781.52721  (15111108)
        610388.00   4089361.65      777.99557  (18122109)              610488.00
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        610588.00   4089361.65      878.93530  (15111108)              609588.00
4089461.65      575.46873  (16021608)
        609688.00   4089461.65      658.46672  (18012208)              609788.00
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        609888.00   4089461.65      757.71812  (15022708)              609988.00
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        609788.00   4089561.65      762.18273  (18012208)              609888.00
4089561.65      906.44129  (15022708)
        609988.00   4089561.65      793.31826  (15022708)              609588.00
4089661.65      803.75170  (16021608)
        609688.00   4089661.65      843.33118  (16021608)              609788.00
4089661.65      757.92196  (19112208)
        609888.00   4089661.65      945.08131  (15022708)              609988.00
4089661.65     1017.56429  (15022708)
        609588.00   4089761.65      881.11480  (15030208)              609688.00
4089761.65      902.15847  (19121308)
        609788.00   4089761.65     1007.49850  (16021608)              609888.00
4089761.65      903.85996  (16122608)
        609988.00   4089761.65     1185.15605  (15022708)              609588.00
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4089861.65      969.35270  (15030208)
        609688.00   4089861.65     1099.19352  (15030208)                609788.00
4089861.65     1094.67765  (15030208)
        609888.00   4089861.65     1218.84894  (16021608)                609988.00
4089861.65     1155.87810  (16021608)
        609588.00   4089961.65      997.67744  (17122908)                609688.00
4089961.65     1151.22716  (17122908)
        609788.00   4089961.65     1251.46431  (15030208)                609888.00
4089961.65     1475.44083  (15030208)
        609988.00   4089961.65     1510.14669  (16021608)                609588.00
4090061.65     1170.07330  (16021208)
        609688.00   4090061.65     1228.29290  (16021208)                609788.00
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        609888.00   4090061.65     1580.20068  (17122908)                609988.00
4090061.65     1790.57173  (15030208)
        609588.00   4090161.65     1196.89701  (19110508)                609688.00
4090161.65     1383.08311  (16021208)
        609788.00   4090161.65     1675.90114  (16021208)                609888.00
4090161.65     2073.69893  (16021208)
        609988.00   4090161.65     2371.44773  (16021208)                611188.00
4090161.65     1089.73927  (15012208)
        611288.00   4090161.65     1000.83891  (15012208)                609588.00
4090261.65     1440.40051  (16020908)
        609688.00   4090261.65     1649.73012  (16020908)                609788.00
4090261.65     2006.75618  (16020908)
        609888.00   4090261.65     2355.11325  (16020908)                609988.00
4090261.65     2828.63275  (18122409)
        611188.00   4090261.65      964.38350  (18011608)                611288.00
4090261.65      900.43553  (18011608)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***       09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                    PAGE 396
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                    INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
611388.00	4090261.65	792.88479	(18011608)	611488.00	4090261.65	740.63186	(18011608)
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609788.00	4090361.65	1658.59773	(18122409)	609888.00	4090361.65	1415.91688	(18122409)
609988.00	4090361.65	1092.60849	(18122409)	611188.00	4090361.65	842.57720	(18020508)
611288.00	4090361.65	764.77350	(18020508)	611388.00	4090361.65	662.60022	(16122008)
611488.00	4090361.65	643.21651	(16122008)	611588.00	4090361.65	621.34045	(16122008)
609588.00	4090461.65	713.47566	(18122409)	609688.00	4090461.65	590.92984	(19122410)
609788.00	4090461.65	647.39945	(16011908)	609888.00	4090461.65	1036.11483	(15022308)
609988.00	4090461.65	2647.05456	(15022308)	611188.00	4090461.65	1033.62863	(15021908)
611288.00	4090461.65	818.51553	(17013108)	611388.00	4090461.65	692.73575	(17013108)
611488.00	4090461.65	637.80951	(17013108)	611588.00	4090461.65	597.49564	(17013108)
609588.00	4090561.65	449.30545	(15020309)	609688.00	4090561.65	664.21388	(15022308)
609788.00	4090561.65	1440.90090	(15022308)	609888.00	4090561.65	2190.24697	(15022308)
609988.00	4090561.65	1741.32681	(15110508)	611188.00	4090561.65	828.47780	(15021908)
611288.00	4090561.65	803.08652	(15021908)	611388.00	4090561.65	688.77931	(15021908)
611488.00	4090561.65	653.97644	(15021908)	611588.00	4090561.65	618.47303	(15021908)
609588.00	4090661.65	865.38942	(15022308)	609688.00	4090661.65	1562.69325	(15022308)
609788.00	4090661.65	1740.72476	(15022308)	609888.00	4090661.65	1473.25427	(15110508)
609988.00	4090661.65	1475.56292	(19120408)	610088.00	4090661.65	1572.23552	(15011308)
610188.00	4090661.65	1584.22558	(18121408)	610288.00	4090661.65	1447.62604	(15021308)
610388.00	4090661.65	1130.76334	(15011309)	610588.00	4090661.65	927.18675	(15112408)

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        610688.00   4090661.65      865.00249  (15021308)                610788.00
4090661.65     1076.65464  (15021808)
        610888.00   4090661.65      972.12171  (15021808)                610988.00
4090661.65      898.30150  (15020308)
        611088.00   4090661.65      876.03037  (17121208)                611188.00
4090661.65      813.15755  (17121208)
        611288.00   4090661.65      609.89275  (17121208)                611388.00
4090661.65      501.06217  (16022608)
        611488.00   4090661.65      541.60431  (15021908)                611588.00
4090661.65      565.83490  (15021908)
        609588.00   4090761.65     1476.34905  (15022308)                609688.00
4090761.65     1273.99168  (15022308)
        609788.00   4090761.65     1260.52260  (15110508)                609888.00
4090761.65     1279.46366  (19120408)
        609988.00   4090761.65     1352.49672  (18121408)                610088.00
4090761.65     1375.48895  (18121408)
        610188.00   4090761.65     1281.86425  (15011308)                610288.00
4090761.65     1171.78697  (15021308)
        610388.00   4090761.65     1103.67755  (15011309)                610488.00
4090761.65      787.57799  (15112408)
        610588.00   4090761.65      923.84375  (15021308)                610688.00
4090761.65      869.90815  (15021308)
        610788.00   4090761.65      849.24145  (19111408)                610888.00
4090761.65      917.40370  (15021808)
        610988.00   4090761.65      835.53415  (15021808)                611088.00
4090761.65      790.63258  (15020308)
        611188.00   4090761.65      733.56592  (17121208)                611288.00
4090761.65      655.98089  (17121208)
        611388.00   4090761.65      533.25019  (17121208)                611488.00
4090761.65      482.57510  (17121208)
        611588.00   4090761.65      447.86499  (17121208)                609588.00
4090861.65     1021.55684  (19121808)
        609688.00   4090861.65     1100.76118  (15110508)                609788.00
4090861.65     1109.35843  (19120408)
        609888.00   4090861.65     1096.28879  (18121408)                609988.00
4090861.65     1219.69673  (18121408)
        610088.00   4090861.65     1188.81114  (15011308)                610188.00
4090861.65     1140.90814  (15011308)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                   ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                           ***       11:56:13

                                     PAGE 397
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                     INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        610288.00   4090861.65     1039.82820  (15021308)               610388.00
4090861.65     1058.23628  (15011309)
        610488.00   4090861.65      761.94503  (15112408)               610588.00
4090861.65      873.55400  (15021308)
        610688.00   4090861.65      823.89392  (15021308)               610788.00
4090861.65      789.49634  (19111408)
        610888.00   4090861.65      722.65266  (19111408)               610988.00
4090861.65      848.19671  (15021808)
        611088.00   4090861.65      736.46581  (15021808)               611188.00
4090861.65      688.47659  (15020308)
        611288.00   4090861.65      604.29311  (15020308)               611388.00
4090861.65      504.83361  (17121208)
        611488.00   4090861.65      503.47192  (17121208)               611588.00
4090861.65      472.61635  (17121208)
        609588.00   4090961.65      915.62139  (15110508)               609688.00
4090961.65      998.37498  (19120408)
        609788.00   4090961.65      962.47256  (19120408)               609888.00
4090961.65     1086.32054  (18121408)
        609988.00   4090961.65     1074.85781  (15011308)               610088.00
4090961.65     1081.66752  (15011308)
        610188.00   4090961.65      813.27389  (15011308)               610288.00
4090961.65      950.84841  (15021308)
        610388.00   4090961.65      946.95754  (15011309)               610488.00
4090961.65      756.18873  (15021308)
        610588.00   4090961.65      786.61784  (15021308)               610688.00
4090961.65      808.75125  (15021308)
        610788.00   4090961.65      612.04834  (15011309)               610888.00
4090961.65      697.43247  (19111408)
        610988.00   4090961.65      721.88865  (15021808)               611088.00
4090961.65      832.98180  (15021808)
        611188.00   4090961.65      695.27098  (15021808)               611288.00
4090961.65      513.15810  (15021808)
        611388.00   4090961.65      478.67506  (15020308)               611488.00
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4090961.65      454.00673  (15020308)
        611588.00   4090961.65      459.32488  (17121208)                609588.00
4091061.65      847.17798  (19120408)
        609688.00   4091061.65      848.74083  (19120408)                609788.00
4091061.65      985.35703  (18121408)
        609888.00   4091061.65      990.45799  (18121408)                609988.00
4091061.65     1000.59445  (15011308)
        610088.00   4091061.65      895.97820  (15011308)                610188.00
4091061.65      762.10194  (15112408)
        610288.00   4091061.65      836.12177  (15021308)                610388.00
4091061.65      849.63274  (15011309)
        610488.00   4091061.65      783.92315  (15112408)                610588.00
4091061.65      730.82428  (15021308)
        610688.00   4091061.65      765.44617  (15021308)                610788.00
4091061.65      566.51964  (15011309)
        610888.00   4091061.65      589.70851  (19111408)                610988.00
4091061.65      658.45916  (19111408)
        611088.00   4091061.65      649.25292  (15021808)                611188.00
4091061.65      757.18734  (15021808)
        611288.00   4091061.65      522.60809  (15021808)                611388.00
4091061.65      469.05380  (15021808)
        611488.00   4091061.65      439.89409  (15021808)                611588.00
4091061.65      430.82928  (15020308)
        610394.73   4090395.25     2449.48151  (18121408)                610363.15
4090393.15     2460.83160  (18121408)
        610315.78   4090393.15     3496.85262  (15011309)                610287.36
4090385.78     3532.24586  (15112408)
        610241.04   4090379.46     3391.95408  (18121408)                610212.62
4090353.14     4136.06834  (15022308)
        610198.94   4090300.51     4225.03368  (15022308)                610207.36
4090274.19     3585.20354  (15022308)
        610216.83   4090251.04     4475.56838  (18122409)                610224.20
4090220.51     6216.45817  (18122409)
        610224.20   4090198.40     5445.71179  (19110508)                610253.60
4090118.34     3067.86991  (19110408)
        610403.64   4090153.13     4355.59734  (17013008)                610415.18
4090111.36     3714.24617  (15011209)
        610467.45   4090025.35     2535.02378  (15011209)                610413.79
4089916.09     1697.57839  (16030108)
        610673.58   4089289.60      853.62044  (18122109)                611206.21
4089155.71      992.90985  (15011209)
        611849.26   4088791.16      599.74460  (18022208)                612492.52
4089831.70      548.28804  (15120408)
        612263.93   4090646.71      508.19467  (17013108)                610949.94
4089967.33     2749.05751  (17011208)
        610939.95   4089959.04     2915.41821  (17011208)                610917.00
4089999.01     2888.33796  (18120708)
 *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
BESS.isc                    ***        09/20/24
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610813.71	4090072.75	3194.50629	(19111308)	610840.36	4090523.56	1085.28961	(17121208)
610546.31	4090669.80	915.04242	(15112408)	610415.81	4090675.14	990.49588	(17111508)
610386.70	4090522.51	1674.35915	(17111508)	610388.00	4090503.75	1686.01347	(17111508)
610390.59	4090488.23	1671.81210	(15011308)	610391.23	4090465.59	1808.45453	(15011308)
610393.82	4090452.01	1883.27691	(15011308)	610393.17	4090431.32	2083.80444	(18121408)
610395.11	4090413.21	2264.36178	(18121408)				

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
SLINE1	1ST HIGHEST VALUE IS	23.45437 AT (610813.71, 4090072.75, 32.73, 32.73, 0.00)	DC	
	2ND HIGHEST VALUE IS	20.01374 AT (610838.00, 4090061.65, 32.25, 32.25, 0.00)	DC	
	3RD HIGHEST VALUE IS	15.29880 AT (610838.00, 4090111.65, 28.25, 32.00, 0.00)	DC	
	4TH HIGHEST VALUE IS	12.37396 AT (610888.00, 4090061.65, 28.09, 32.24, 0.00)	DC	
	5TH HIGHEST VALUE IS	11.77678 AT (610838.00, 4090161.65, 23.10, 33.44, 0.00)	DC	
	6TH HIGHEST VALUE IS	11.23941 AT (610917.00, 4089999.01, 31.49, 31.49, 0.00)	DC	
	7TH HIGHEST VALUE IS	9.99779 AT (610888.00, 4090111.65, 23.14, 33.05, 0.00)	DC	
	8TH HIGHEST VALUE IS	9.91959 AT (610467.45, 4090025.35, 32.97, 32.97, 0.00)	DC	
	9TH HIGHEST VALUE IS	9.27720 AT (610838.00, 4090211.65, 19.61, 33.52, 0.00)	DC	
	10TH HIGHEST VALUE IS	8.81703 AT (610938.00, 4090011.65, 29.80, 30.57, 0.00)	DC	
SLINE2	1ST HIGHEST VALUE IS	57.04514 AT (610403.64, 4090153.13, 37.73, 37.73, 0.00)	DC	
	2ND HIGHEST VALUE IS	29.40902 AT (610415.18, 4090111.36, 36.71, 36.71, 0.00)	DC	
	3RD HIGHEST VALUE IS	28.40292 AT (610388.00, 4090111.65, 34.18, 37.48, 0.00)	DC	
	4TH HIGHEST VALUE IS	26.71817 AT (610224.20, 4090220.51, 37.84, 37.84, 0.00)	DC	
	5TH HIGHEST VALUE IS	24.55777 AT (610224.20, 4090198.40, 37.20, 37.20, 0.00)	DC	
	6TH HIGHEST VALUE IS	23.94139 AT (610338.00, 4090111.65, 30.08, 37.26, 0.00)	DC	
	7TH HIGHEST VALUE IS	23.84604 AT (610216.83, 4090251.04, 38.42, 38.42, 0.00)	DC	
	8TH HIGHEST VALUE IS	21.23870 AT (610363.15, 4090393.15, 38.05, 38.05, 0.00)	DC	
	9TH HIGHEST VALUE IS	20.42713 AT (610315.78, 4090393.15, 38.97, 38.97, 0.00)	DC	
	10TH HIGHEST VALUE IS	19.55438 AT (610207.36, 4090274.19, 38.46,		

```
   38.46,    0.00)  DC

STCK1     1ST HIGHEST VALUE IS       2.86169 AT (  610838.00,  4090261.65,    18.87,
   18.87,    0.00)  DC
          2ND HIGHEST VALUE IS       2.65772 AT (  610838.00,  4090211.65,    19.61,
   33.52,    0.00)  DC
          3RD HIGHEST VALUE IS       2.59230 AT (  610838.00,  4090311.65,    18.87,
   18.87,    0.00)  DC
          4TH HIGHEST VALUE IS       2.19585 AT (  610838.00,  4090361.65,    18.91,
   18.91,    0.00)  DC
          5TH HIGHEST VALUE IS       2.19230 AT (  610888.00,  4090311.65,    18.87,
   18.87,    0.00)  DC
          6TH HIGHEST VALUE IS       2.17262 AT (  610888.00,  4090261.65,    18.87,
   18.87,    0.00)  DC
          7TH HIGHEST VALUE IS       2.02714 AT (  610838.00,  4090161.65,    23.10,
   33.44,    0.00)  DC
          8TH HIGHEST VALUE IS       1.99097 AT (  610888.00,  4090361.65,    19.06,
   19.06,    0.00)  DC
          9TH HIGHEST VALUE IS       1.88417 AT (  610838.00,  4090411.65,    21.23,
   33.29,    0.00)  DC
         10TH HIGHEST VALUE IS       1.85732 AT (  610888.00,  4090211.65,    18.88,
   18.88,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      63.98507 AT (  610403.64,  4090153.13,    37.73,
   37.73,    0.00)  DC
          2ND HIGHEST VALUE IS      37.49909 AT (  610415.18,  4090111.36,    36.71,
   36.71,    0.00)  DC
          3RD HIGHEST VALUE IS      34.99960 AT (  610388.00,  4090111.65,    34.18,
   37.48,    0.00)  DC
          4TH HIGHEST VALUE IS      28.90584 AT (  610224.20,  4090220.51,    37.84,
   37.84,    0.00)  DC
          5TH HIGHEST VALUE IS      28.49231 AT (  610338.00,  4090111.65,    30.08,
   37.26,    0.00)  DC
          6TH HIGHEST VALUE IS      26.85026 AT (  610224.20,  4090198.40,    37.20,
   37.20,    0.00)  DC
          7TH HIGHEST VALUE IS      26.81224 AT (  610813.71,  4090072.75,    32.73,
   32.73,    0.00)  DC
          8TH HIGHEST VALUE IS      25.84563 AT (  610216.83,  4090251.04,    38.42,
   38.42,    0.00)  DC
          9TH HIGHEST VALUE IS      25.61939 AT (  610438.00,  4090061.65,    33.91,
   33.91,    0.00)  DC
         10TH HIGHEST VALUE IS      24.11772 AT (  610363.15,  4090393.15,    38.05,
   38.05,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 23132  ***   *** C:\Lakes\AERMOD View\Seahawk BESS\Seahawk
```

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
SLINE1	HIGH 1ST HIGH VALUE IS	2249.96611	ON 18122409: AT (610415.18, 4090111.36, 36.71, 36.71, 0.00)	DC	
SLINE2	HIGH 1ST HIGH VALUE IS	5373.81873	ON 18122409: AT (610224.20, 4090220.51, 37.84, 37.84, 0.00)	DC	
STCK1	HIGH 1ST HIGH VALUE IS	169.45258	ON 19111915: AT (610813.71, 4090072.75, 32.73, 32.73, 0.00)	DC	
ALL	HIGH 1ST HIGH VALUE IS	6216.45817	ON 18122409: AT (610224.20, 4090220.51, 37.84, 37.84, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

```
A Total of            0 Fatal Error Message(s)
A Total of            3 Warning Message(s)
A Total of         1578 Informational Message(s)

A Total of        43824 Hours Were Processed

A Total of          834 Calm Hours Identified

A Total of          744 Missing Hours Identified (  1.70 Percent)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
SO W320     752        PPARM: Input Parameter May Be Out-of-Range for Parameter
      VS
ME W186    4671       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187    4671       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

AERMOD 1-Hour and 8-Hour Outputs

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 2/23/2026
** File: C:\Lakes\AERMOD View\Seahawk BESS Operation\Seahawk BESS Operation.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Seahawk BESS Operation\Seahawk BESS Operation.i
   TITLETWO Seahawk BESS 1-Hour and 8-Hour
   MODELOPT CONC
   AVERTIME 1 8
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Seahawk BESS Operation.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION BLINE3       BUOYLINE   610711.079  4090031.223   610714.905
4090035.919       32.630
** Source Parameters **
   SRCPARAM BLINE3             1.0     2.896
   BLPINPUT      6.058     2.896     2.462     1.000     1.500    42.628
   BLPGROUP ALL
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
```

```
   INCLUDED "Seahawk BESS Operation.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.sfc
   PROFFILE KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.PFL
   SURFDATA 23277 2015
   UAIRDATA 23230 2015 OAKLAND/WSO_AP
   PROFBASE 48.8 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
   RECTABLE 8 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "SEAHAWK BESS OPERATION.AD\01H1GALL.PLT" 31
   PLOTFILE 8 ALL 1ST "SEAHAWK BESS OPERATION.AD\08H1GALL.PLT" 32
   SUMMFILE "Seahawk BESS Operation.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 RE W476      11      BLRECEP: # receptors within BL source (BLPGROUP)
0 (ALL   )
 ME W186      24       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
```

```
 ME W187      24       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***       17:37:46

                                   PAGE   1
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                                            ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  2 Short Term Average(s) of:   1-HR   8-HR

 **This Run Includes:      1 Source(s);       1 Source Group(s); and     690
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
```

```
                and:      0 OPENPIT source(s)
                and:      1 BUOYANT LINE source(s) with a total of     1 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  21112

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    48.80 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Seahawk BESS Operation.err

 **File for Summary of Results:   Seahawk BESS Operation.sum

↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        17:37:46

                                  PAGE   2
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE


                                                  *** BUOYANT LINE SOURCE DATA ***
```

```
               NUMBER EMISSION RATE     FIRST COORD        SECOND COORD     BASE
RELEASE    URBAN   EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)       X       Y           X       Y      ELEV.
HEIGHT     SOURCE  SCALAR VARY
     ID         CATS.                (METERS) (METERS)   (METERS) (METERS) (METERS)
(METERS)               BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

 BLINE3           0   0.10000E+01  610711.1 4090031.2  610714.9 4090035.9    32.6
  2.90       NO

      BL GRP   AVG BLDG   AVG BLDG   AVG BLDG   AVG LINE   AVG SEPARATION     AVG
BUOYANCY
               LENGTH     HEIGHT     WIDTH      WIDTH     BETWEEN LINES
PARAMETER
              (METERS)   (METERS)   (METERS)   (METERS)      (METERS)
(METER**4/SEC**3)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

      ALL             6.1        2.9        2.5        1.0           1.5
  42.6
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        17:37:46

                                   PAGE   3
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE


                                          *** SOURCE IDs DEFINING SOURCE GROUPS
***

 SRCGROUP ID                                              SOURCE IDs
 -----------                                              ----------


  ALL        BLINE3      ,
↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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                                   PAGE   4
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                                             *** DISCRETE CARTESIAN RECEPTORS ***
```

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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                                   PAGE   5
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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     ( 610888.0, 4089961.6,      31.8,      31.8,       0.0);         ( 610938.0,
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     ( 610338.0, 4090061.6,      30.4,      30.4,       0.0);         ( 610388.0,
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 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       17:37:46
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*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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4090311.6,      38.4,      38.4,       0.0);
     ( 610338.0, 4090311.6,      38.5,      38.5,       0.0);         ( 610388.0,
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     ( 610738.0, 4090311.6,      18.9,      35.0,       0.0);         ( 610788.0,
4090311.6,      18.9,      18.9,       0.0);
     ( 610838.0, 4090311.6,      18.9,      18.9,       0.0);         ( 610888.0,
4090311.6,      18.9,      18.9,       0.0);
     ( 610938.0, 4090311.6,      18.9,      18.9,       0.0);         ( 610988.0,
4090311.6,      18.9,      18.9,       0.0);
     ( 611038.0, 4090311.6,      19.2,      32.7,       0.0);         ( 611088.0,
4090311.6,      23.7,      30.5,       0.0);
     ( 610088.0, 4090361.6,      39.8,      39.8,       0.0);         ( 610138.0,
4090361.6,      37.8,      37.8,       0.0);
     ( 610188.0, 4090361.6,      36.5,      36.5,       0.0);         ( 610238.0,
4090361.6,      38.6,      39.2,       0.0);
     ( 610288.0, 4090361.6,      39.1,      39.1,       0.0);         ( 610338.0,
4090361.6,      38.9,      38.9,       0.0);
     ( 610388.0, 4090361.6,      38.4,      38.9,       0.0);         ( 610438.0,
4090361.6,      38.1,      38.1,       0.0);
     ( 610538.0, 4090361.6,      28.9,      37.5,       0.0);         ( 610588.0,
4090361.6,      24.3,      37.4,       0.0);
     ( 610638.0, 4090361.6,      21.5,      36.4,       0.0);         ( 610688.0,
4090361.6,      18.9,      35.4,       0.0);
     ( 610738.0, 4090361.6,      18.9,      18.9,       0.0);         ( 610788.0,
4090361.6,      18.9,      18.9,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(610838.0, 4090361.6, 18.9, 32.7, 0.0); (610888.0, 4090361.6, 19.0, 31.0, 0.0);
(610938.0, 4090361.6, 19.0, 19.0, 0.0); (610988.0, 4090361.6, 19.1, 33.7, 0.0);
(611038.0, 4090361.6, 20.6, 33.5, 0.0); (611088.0, 4090361.6, 28.1, 30.9, 0.0);
(610088.0, 4090411.6, 39.4, 39.4, 0.0); (610138.0, 4090411.6, 37.8, 37.8, 0.0);
(610188.0, 4090411.6, 37.4, 37.4, 0.0); (610238.0, 4090411.6, 39.9, 39.9, 0.0);
(610288.0, 4090411.6, 39.5, 39.5, 0.0); (610338.0, 4090411.6, 38.1, 38.1, 0.0);
(610388.0, 4090411.6, 37.4, 37.4, 0.0); (610438.0, 4090411.6, 34.6, 36.8, 0.0);
(610488.0, 4090411.6, 28.4, 38.8, 0.0); (610538.0, 4090411.6, 24.2, 38.8, 0.0);
(610588.0, 4090411.6, 19.8, 38.7, 0.0); (610638.0, 4090411.6, 18.9, 36.5, 0.0);
(610688.0, 4090411.6, 18.9, 18.9, 0.0); (610738.0, 4090411.6, 19.0, 33.5, 0.0);
(610788.0, 4090411.6, 19.5, 35.9, 0.0); (610838.0, 4090411.6, 23.1, 33.3, 0.0);
(610888.0, 4090411.6, 23.7, 31.0, 0.0); (610938.0, 4090411.6, 19.7, 34.1, 0.0);
(610988.0, 4090411.6, 20.0, 34.4, 0.0); (611038.0, 4090411.6, 25.1, 33.5, 0.0);
(611088.0, 4090411.6, 31.9, 31.9, 0.0); (610088.0, 4090461.6, 38.6, 38.6, 0.0);
(610138.0, 4090461.6, 39.1, 39.1, 0.0); (610188.0, 4090461.6, 39.6, 39.6, 0.0);
(610238.0, 4090461.6, 40.0, 40.0, 0.0); (610288.0, 4090461.6, 40.0, 40.0, 0.0);
(610338.0, 4090461.6, 38.4, 38.4, 0.0); (610388.0, 4090461.6, 36.5, 36.5, 0.0);
(610438.0, 4090461.6, 32.7, 35.7, 0.0); (610488.0, 4090461.6, 26.4, 38.5, 0.0);
(610538.0, 4090461.6, 20.9, 38.8, 0.0); (610588.0, 4090461.6, 18.9, 38.6, 0.0);
(610638.0, 4090461.6, 19.0, 19.0, 0.0); (610688.0, 4090461.6, 19.0, 19.0, 0.0);
(610738.0, 4090461.6, 19.1, 36.8, 0.0); (610788.0,

```
4090461.6,      23.5,      36.1,       0.0);
     ( 610838.0, 4090461.6,      28.9,      32.7,       0.0);         ( 610888.0,
4090461.6,      27.3,      33.3,       0.0);
     ( 610938.0, 4090461.6,      21.3,      36.3,       0.0);         ( 610988.0,
4090461.6,      24.5,      34.5,       0.0);
     ( 611038.0, 4090461.6,      31.8,      33.3,       0.0);         ( 611088.0,
4090461.6,      33.1,      33.1,       0.0);
     ( 610088.0, 4090511.6,      40.1,      40.1,       0.0);         ( 610138.0,
4090511.6,      41.0,      41.0,       0.0);
     ( 610188.0, 4090511.6,      41.1,      41.1,       0.0);         ( 610238.0,
4090511.6,      40.4,      40.4,       0.0);
     ( 610288.0, 4090511.6,      40.2,      40.2,       0.0);         ( 610338.0,
4090511.6,      38.8,      38.8,       0.0);
     ( 610388.0, 4090511.6,      36.1,      38.8,       0.0);         ( 610438.0,
4090511.6,      31.5,      38.4,       0.0);
     ( 610488.0, 4090511.6,      25.7,      38.8,       0.0);         ( 610538.0,
4090511.6,      19.4,      38.9,       0.0);
     ( 610588.0, 4090511.6,      19.1,      19.1,       0.0);         ( 610638.0,
4090511.6,      20.2,      20.2,       0.0);
     ( 610688.0, 4090511.6,      20.1,      36.8,       0.0);         ( 610738.0,
4090511.6,      21.1,      37.9,       0.0);
     ( 610788.0, 4090511.6,      26.3,      36.7,       0.0);         ( 610838.0,
4090511.6,      33.4,      33.4,       0.0);
     ( 610888.0, 4090511.6,      28.1,      36.3,       0.0);         ( 610938.0,
4090511.6,      23.6,      36.7,       0.0);
     ( 610988.0, 4090511.6,      29.8,      34.4,       0.0);         ( 611038.0,
4090511.6,      33.8,      33.8,       0.0);
     ( 611088.0, 4090511.6,      33.9,      33.9,       0.0);         ( 610088.0,
4090561.6,      41.3,      41.3,       0.0);
     ( 610138.0, 4090561.6,      42.0,      42.0,       0.0);         ( 610188.0,
4090561.6,      40.8,      40.8,       0.0);
     ( 610238.0, 4090561.6,      40.8,      40.8,       0.0);         ( 610288.0,
4090561.6,      40.7,      40.7,       0.0);
     ( 610338.0, 4090561.6,      38.7,      38.7,       0.0);         ( 610388.0,
4090561.6,      36.1,      36.1,       0.0);
     ( 610438.0, 4090561.6,      30.8,      36.3,       0.0);         ( 610488.0,
4090561.6,      23.4,      38.9,       0.0);
     ( 610538.0, 4090561.6,      19.7,      38.9,       0.0);         ( 610588.0,
4090561.6,      21.1,      25.1,       0.0);
     ( 610638.0, 4090561.6,      24.3,      24.3,       0.0);         ( 610688.0,
4090561.6,      21.6,      37.9,       0.0);
     ( 610738.0, 4090561.6,      24.4,      38.2,       0.0);         ( 610788.0,
4090561.6,      30.1,      36.9,       0.0);
     ( 610838.0, 4090561.6,      35.7,      35.7,       0.0);         ( 610888.0,
4090561.6,      30.6,      36.7,       0.0);
     ( 610938.0, 4090561.6,      27.2,      36.6,       0.0);         ( 610988.0,
4090561.6,      33.7,      33.7,       0.0);
     ( 611038.0, 4090561.6,      34.6,      34.6,       0.0);         ( 611088.0,
4090561.6,      34.7,      34.7,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
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 *** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

                                        *** DISCRETE CARTESIAN RECEPTORS ***
                                    (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

     (609588.0, 4089061.6,   34.1,   34.1,   0.0);   (609688.0,
4089061.6,   33.3,   33.3,   0.0);
     (609788.0, 4089061.6,   32.9,   32.9,   0.0);   (609888.0,
4089061.6,   32.4,   32.4,   0.0);
     (609988.0, 4089061.6,   32.0,   32.0,   0.0);   (610088.0,
4089061.6,   31.3,   31.3,   0.0);
     (610188.0, 4089061.6,   30.8,   30.8,   0.0);   (610288.0,
4089061.6,   30.2,   30.2,   0.0);
     (610388.0, 4089061.6,   29.5,   29.5,   0.0);   (610488.0,
4089061.6,   29.0,   29.0,   0.0);
     (610588.0, 4089061.6,   28.3,   28.3,   0.0);   (610688.0,
4089061.6,   28.1,   28.1,   0.0);
     (610788.0, 4089061.6,   27.5,   27.5,   0.0);   (610888.0,
4089061.6,   27.0,   27.0,   0.0);
     (610988.0, 4089061.6,   25.9,   25.9,   0.0);   (611088.0,
4089061.6,   25.4,   25.4,   0.0);
     (611188.0, 4089061.6,   25.8,   31.0,   0.0);   (611288.0,
4089061.6,   23.0,   31.0,   0.0);
     (611388.0, 4089061.6,   20.6,   20.6,   0.0);   (611488.0,
4089061.6,   20.4,   20.4,   0.0);
     (611588.0, 4089061.6,   20.2,   20.2,   0.0);   (609588.0,
4089161.6,   34.2,   34.2,   0.0);
     (609688.0, 4089161.6,   33.7,   33.7,   0.0);   (609788.0,
4089161.6,   33.3,   33.3,   0.0);
     (609888.0, 4089161.6,   32.9,   32.9,   0.0);   (609988.0,
4089161.6,   32.5,   32.5,   0.0);
     (610088.0, 4089161.6,   32.1,   32.1,   0.0);   (610188.0,
4089161.6,   31.4,   31.4,   0.0);
     (610288.0, 4089161.6,   30.5,   30.5,   0.0);   (610388.0,
4089161.6,   30.0,   30.0,   0.0);
     (610488.0, 4089161.6,   29.5,   29.5,   0.0);   (610588.0,
4089161.6,   29.0,   29.0,   0.0);
     (610688.0, 4089161.6,   28.3,   28.3,   0.0);   (610788.0,
4089161.6,   27.7,   27.7,   0.0);
     (610888.0, 4089161.6,   27.1,   27.1,   0.0);   (610988.0,
4089161.6,   26.5,   26.5,   0.0);
     (611088.0, 4089161.6,   26.4,   26.4,   0.0);   (611188.0,
4089161.6,   31.1,   31.1,   0.0);
     (611288.0, 4089161.6,   21.0,   31.4,   0.0);   (611388.0,

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4089161.6,      19.9,      19.9,       0.0);
     ( 611488.0, 4089161.6,      19.4,      19.4,       0.0);         ( 611588.0,
4089161.6,      19.1,      19.1,       0.0);
     ( 609588.0, 4089261.6,      34.5,      34.5,       0.0);         ( 609688.0,
4089261.6,      34.5,      34.5,       0.0);
     ( 609788.0, 4089261.6,      34.0,      34.0,       0.0);         ( 609888.0,
4089261.6,      33.3,      33.3,       0.0);
     ( 609988.0, 4089261.6,      32.7,      32.7,       0.0);         ( 610088.0,
4089261.6,      32.1,      32.1,       0.0);
     ( 610188.0, 4089261.6,      31.6,      31.6,       0.0);         ( 610288.0,
4089261.6,      31.1,      31.1,       0.0);
     ( 610388.0, 4089261.6,      30.6,      30.6,       0.0);         ( 610488.0,
4089261.6,      30.1,      30.1,       0.0);
     ( 610588.0, 4089261.6,      29.4,      29.4,       0.0);         ( 610688.0,
4089261.6,      28.7,      28.7,       0.0);
     ( 610788.0, 4089261.6,      28.2,      28.2,       0.0);         ( 610888.0,
4089261.6,      27.7,      27.7,       0.0);
     ( 610988.0, 4089261.6,      28.7,      28.7,       0.0);         ( 611088.0,
4089261.6,      30.8,      30.8,       0.0);
     ( 611188.0, 4089261.6,      27.8,      30.1,       0.0);         ( 611288.0,
4089261.6,      19.9,      19.9,       0.0);
     ( 611388.0, 4089261.6,      19.3,      19.3,       0.0);         ( 611488.0,
4089261.6,      18.9,      18.9,       0.0);
     ( 611588.0, 4089261.6,      18.9,      18.9,       0.0);         ( 609588.0,
4089361.6,      35.2,      35.2,       0.0);
     ( 609688.0, 4089361.6,      35.7,      35.7,       0.0);         ( 609788.0,
4089361.6,      34.5,      34.5,       0.0);
     ( 609888.0, 4089361.6,      33.7,      33.7,       0.0);         ( 609988.0,
4089361.6,      32.8,      32.8,       0.0);
     ( 610088.0, 4089361.6,      32.2,      32.2,       0.0);         ( 610188.0,
4089361.6,      31.8,      31.8,       0.0);
     ( 610288.0, 4089361.6,      31.8,      31.8,       0.0);         ( 610388.0,
4089361.6,      31.4,      31.4,       0.0);
     ( 610488.0, 4089361.6,      31.0,      31.0,       0.0);         ( 610588.0,
4089361.6,      29.5,      29.5,       0.0);
     ( 610688.0, 4089361.6,      28.7,      28.7,       0.0);         ( 610788.0,
4089361.6,      28.1,      28.1,       0.0);
     ( 610888.0, 4089361.6,      27.6,      27.6,       0.0);         ( 610988.0,
4089361.6,      30.1,      32.6,       0.0);
     ( 611088.0, 4089361.6,      31.6,      31.6,       0.0);         ( 611188.0,
4089361.6,      20.5,      32.2,       0.0);
     ( 611288.0, 4089361.6,      19.2,      19.2,       0.0);         ( 611388.0,
4089361.6,      18.9,      18.9,       0.0);
     ( 611488.0, 4089361.6,      18.9,      18.9,       0.0);         ( 611588.0,
4089361.6,      18.9,      18.9,       0.0);
     ( 609588.0, 4089461.6,      36.5,      36.5,       0.0);         ( 609688.0,
4089461.6,      36.1,      36.1,       0.0);
     ( 609788.0, 4089461.6,      35.4,      35.4,       0.0);         ( 609888.0,
4089461.6,      34.0,      34.0,       0.0);
     ( 609988.0, 4089461.6,      33.6,      33.6,       0.0);         ( 610088.0,
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 *** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (610188.0, 4089461.6,   32.1,   32.1,   0.0);   (610288.0, 4089461.6,   32.0,   32.0,   0.0);
     (610388.0, 4089461.6,   31.4,   31.4,   0.0);   (610488.0, 4089461.6,   30.7,   30.7,   0.0);
     (610588.0, 4089461.6,   29.5,   29.5,   0.0);   (610688.0, 4089461.6,   28.6,   28.6,   0.0);
     (610788.0, 4089461.6,   27.9,   27.9,   0.0);   (610888.0, 4089461.6,   27.4,   27.4,   0.0);
     (610988.0, 4089461.6,   30.6,   32.3,   0.0);   (611088.0, 4089461.6,   27.0,   30.9,   0.0);
     (611188.0, 4089461.6,   19.1,   19.1,   0.0);   (611288.0, 4089461.6,   18.9,   18.9,   0.0);
     (611388.0, 4089461.6,   18.9,   18.9,   0.0);   (611488.0, 4089461.6,   18.9,   18.9,   0.0);
     (611588.0, 4089461.6,   18.9,   18.9,   0.0);   (609588.0, 4089561.6,   36.9,   36.9,   0.0);
     (609688.0, 4089561.6,   36.9,   36.9,   0.0);   (609788.0, 4089561.6,   35.6,   35.6,   0.0);
     (609888.0, 4089561.6,   34.6,   34.6,   0.0);   (609988.0, 4089561.6,   33.9,   33.9,   0.0);
     (611188.0, 4089561.6,   20.5,   20.5,   0.0);   (611288.0, 4089561.6,   18.9,   18.9,   0.0);
     (611388.0, 4089561.6,   18.9,   18.9,   0.0);   (611488.0, 4089561.6,   18.9,   18.9,   0.0);
     (611588.0, 4089561.6,   18.9,   18.9,   0.0);   (609588.0, 4089661.6,   37.8,   37.8,   0.0);
     (609688.0, 4089661.6,   37.2,   37.2,   0.0);   (609788.0, 4089661.6,   36.4,   36.4,   0.0);
     (609888.0, 4089661.6,   34.9,   34.9,   0.0);   (609988.0, 4089661.6,   34.3,   34.3,   0.0);
     (611188.0, 4089661.6,   20.4,   20.4,   0.0);   (611288.0, 4089661.6,   18.9,   18.9,   0.0);
     (611388.0, 4089661.6,   18.9,   18.9,   0.0);   (611488.0, 4089661.6,   18.9,   18.9,   0.0);
     (611588.0, 4089661.6,   18.9,   18.9,   0.0);   (609588.0, 4089761.6,   39.2,   39.2,   0.0);
     (609688.0, 4089761.6,   37.2,   37.2,   0.0);   (609788.0,

```
4089761.6,      35.9,      35.9,       0.0);
     ( 609888.0, 4089761.6,      35.3,      35.3,       0.0);         ( 609988.0,
4089761.6,      35.0,      35.0,       0.0);
     ( 611188.0, 4089761.6,      19.7,      28.6,       0.0);         ( 611288.0,
4089761.6,      18.9,      18.9,       0.0);
     ( 611388.0, 4089761.6,      18.9,      18.9,       0.0);         ( 611488.0,
4089761.6,      18.9,      18.9,       0.0);
     ( 611588.0, 4089761.6,      18.9,      18.9,       0.0);         ( 609588.0,
4089861.6,      37.8,      47.2,       0.0);
     ( 609688.0, 4089861.6,      36.7,      36.7,       0.0);         ( 609788.0,
4089861.6,      35.6,      35.6,       0.0);
     ( 609888.0, 4089861.6,      35.1,      35.1,       0.0);         ( 609988.0,
4089861.6,      38.0,      38.0,       0.0);
     ( 611188.0, 4089861.6,      18.9,      18.9,       0.0);         ( 611288.0,
4089861.6,      18.9,      18.9,       0.0);
     ( 611388.0, 4089861.6,      18.9,      18.9,       0.0);         ( 611488.0,
4089861.6,      18.9,      18.9,       0.0);
     ( 611588.0, 4089861.6,      18.9,      18.9,       0.0);         ( 609588.0,
4089961.6,      36.5,      36.5,       0.0);
     ( 609688.0, 4089961.6,      36.4,      36.4,       0.0);         ( 609788.0,
4089961.6,      35.7,      35.7,       0.0);
     ( 609888.0, 4089961.6,      35.7,      35.7,       0.0);         ( 609988.0,
4089961.6,      42.4,      42.4,       0.0);
     ( 611188.0, 4089961.6,      18.9,      18.9,       0.0);         ( 611288.0,
4089961.6,      18.9,      18.9,       0.0);
     ( 611388.0, 4089961.6,      18.9,      18.9,       0.0);         ( 611488.0,
4089961.6,      18.9,      18.9,       0.0);
     ( 611588.0, 4089961.6,      19.0,      19.0,       0.0);         ( 609588.0,
4090061.6,      35.3,      35.3,       0.0);
     ( 609688.0, 4090061.6,      36.0,      36.0,       0.0);         ( 609788.0,
4090061.6,      36.2,      42.2,       0.0);
     ( 609888.0, 4090061.6,      37.3,      43.8,       0.0);         ( 609988.0,
4090061.6,      42.5,      42.5,       0.0);
     ( 611188.0, 4090061.6,      18.9,      18.9,       0.0);         ( 611288.0,
4090061.6,      19.3,      23.0,       0.0);
     ( 611388.0, 4090061.6,      18.9,      18.9,       0.0);         ( 611488.0,
4090061.6,      18.9,      18.9,       0.0);
     ( 611588.0, 4090061.6,      19.0,      19.0,       0.0);         ( 609588.0,
4090161.6,      35.0,      35.0,       0.0);
     ( 609688.0, 4090161.6,      35.1,      35.1,       0.0);         ( 609788.0,
4090161.6,      37.7,      43.8,       0.0);
     ( 609888.0, 4090161.6,      43.4,      43.4,       0.0);         ( 609988.0,
4090161.6,      42.3,      42.3,       0.0);
     ( 611188.0, 4090161.6,      21.5,      24.5,       0.0);         ( 611288.0,
4090161.6,      21.1,      25.8,       0.0);
     ( 611388.0, 4090161.6,      18.9,      18.9,       0.0);         ( 611488.0,
4090161.6,      18.9,      18.9,       0.0);
     ( 611588.0, 4090161.6,      19.0,      19.0,       0.0);         ( 609588.0,
4090261.6,      35.0,      35.0,       0.0);
     ( 609688.0, 4090261.6,      35.0,      42.7,       0.0);         ( 609788.0,
```

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(611188.0, 4090261.6, 23.7, 26.4, 0.0); (611288.0, 4090261.6, 22.8, 28.1, 0.0);
(611388.0, 4090261.6, 18.9, 18.9, 0.0); (611488.0, 4090261.6, 18.9, 18.9, 0.0);
(611588.0, 4090261.6, 19.0, 19.0, 0.0); (609588.0, 4090361.6, 35.0, 35.0, 0.0);
(609688.0, 4090361.6, 35.0, 35.0, 0.0); (609788.0, 4090361.6, 44.2, 44.2, 0.0);
(609888.0, 4090361.6, 43.5, 43.5, 0.0); (609988.0, 4090361.6, 41.7, 41.7, 0.0);
(611188.0, 4090361.6, 25.9, 29.3, 0.0); (611288.0, 4090361.6, 24.6, 30.4, 0.0);
(611388.0, 4090361.6, 18.9, 18.9, 0.0); (611488.0, 4090361.6, 19.0, 19.0, 0.0);
(611588.0, 4090361.6, 19.3, 523.0, 0.0); (609588.0, 4090461.6, 35.0, 35.0, 0.0);
(609688.0, 4090461.6, 35.0, 45.2, 0.0); (609788.0, 4090461.6, 44.6, 44.6, 0.0);
(609888.0, 4090461.6, 43.6, 43.6, 0.0); (609988.0, 4090461.6, 40.7, 40.7, 0.0);
(611188.0, 4090461.6, 33.2, 33.2, 0.0); (611288.0, 4090461.6, 24.5, 34.7, 0.0);
(611388.0, 4090461.6, 18.9, 33.6, 0.0); (611488.0, 4090461.6, 19.2, 19.2, 0.0);
(611588.0, 4090461.6, 20.1, 523.0, 0.0); (609588.0, 4090561.6, 35.0, 35.0, 0.0);
(609688.0, 4090561.6, 41.2, 45.2, 0.0); (609788.0, 4090561.6, 44.7, 44.7, 0.0);
(609888.0, 4090561.6, 42.5, 42.5, 0.0); (609988.0, 4090561.6, 43.3, 43.3, 0.0);
(611188.0, 4090561.6, 34.8, 34.8, 0.0); (611288.0, 4090561.6, 27.9, 35.6, 0.0);
(611388.0, 4090561.6, 18.9, 35.6, 0.0); (611488.0, 4090561.6, 19.9, 19.9, 0.0);
(611588.0, 4090561.6, 20.7, 523.0, 0.0); (609588.0,

```
4090661.6,      35.9,      47.5,       0.0);
     ( 609688.0, 4090661.6,      46.2,      46.2,       0.0);         ( 609788.0,
4090661.6,      45.2,      45.2,       0.0);
     ( 609888.0, 4090661.6,      45.3,      45.3,       0.0);         ( 609988.0,
4090661.6,      44.3,      44.3,       0.0);
     ( 610088.0, 4090661.6,      43.8,      43.8,       0.0);         ( 610188.0,
4090661.6,      42.3,      42.3,       0.0);
     ( 610288.0, 4090661.6,      39.4,      39.4,       0.0);         ( 610388.0,
4090661.6,      31.0,      40.5,       0.0);
     ( 610488.0, 4090661.6,      23.3,      32.0,       0.0);         ( 610588.0,
4090661.6,      29.7,      29.7,       0.0);
     ( 610688.0, 4090661.6,      27.0,      38.8,       0.0);         ( 610788.0,
4090661.6,      37.1,      37.1,       0.0);
     ( 610888.0, 4090661.6,      36.1,      36.2,       0.0);         ( 610988.0,
4090661.6,      36.4,      36.4,       0.0);
     ( 611088.0, 4090661.6,      37.6,      37.6,       0.0);         ( 611188.0,
4090661.6,      37.5,      37.5,       0.0);
     ( 611288.0, 4090661.6,      26.0,      39.7,       0.0);         ( 611388.0,
4090661.6,      19.2,      35.6,       0.0);
     ( 611488.0, 4090661.6,      20.0,      20.0,       0.0);         ( 611588.0,
4090661.6,      19.7,     523.0,       0.0);
     ( 609588.0, 4090761.6,      47.1,      47.1,       0.0);         ( 609688.0,
4090761.6,      47.1,      47.1,       0.0);
     ( 609788.0, 4090761.6,      46.7,      46.7,       0.0);         ( 609888.0,
4090761.6,      46.1,      46.1,       0.0);
     ( 609988.0, 4090761.6,      45.6,      45.6,       0.0);         ( 610088.0,
4090761.6,      44.4,      44.4,       0.0);
     ( 610188.0, 4090761.6,      40.6,      40.6,       0.0);         ( 610288.0,
4090761.6,      37.4,      40.6,       0.0);
     ( 610388.0, 4090761.6,      32.6,      37.9,       0.0);         ( 610488.0,
4090761.6,      25.6,      38.3,       0.0);
     ( 610588.0, 4090761.6,      33.2,      33.2,       0.0);         ( 610688.0,
4090761.6,      30.7,      40.5,       0.0);
     ( 610788.0, 4090761.6,      39.1,      39.1,       0.0);         ( 610888.0,
4090761.6,      36.1,      36.1,       0.0);
     ( 610988.0, 4090761.6,      39.3,      39.3,       0.0);         ( 611088.0,
4090761.6,      40.4,      40.4,       0.0);
     ( 611188.0, 4090761.6,      39.8,      39.8,       0.0);         ( 611288.0,
4090761.6,      27.9,      43.0,       0.0);
     ( 611388.0, 4090761.6,      19.7,      42.6,       0.0);         ( 611488.0,
4090761.6,      20.0,     523.0,       0.0);
     ( 611588.0, 4090761.6,      20.0,     523.9,       0.0);         ( 609588.0,
4090861.6,      48.4,      48.4,       0.0);
     ( 609688.0, 4090861.6,      48.1,      48.1,       0.0);         ( 609788.0,
4090861.6,      47.8,      47.8,       0.0);
     ( 609888.0, 4090861.6,      47.1,      47.1,       0.0);         ( 609988.0,
4090861.6,      46.5,      46.5,       0.0);
     ( 610088.0, 4090861.6,      45.4,      45.4,       0.0);         ( 610188.0,
4090861.6,      43.0,      43.0,       0.0);
     ( 610288.0, 4090861.6,      39.4,      39.4,       0.0);         ( 610388.0,
```

                                                *** DISCRETE CARTESIAN RECEPTORS ***
                                              (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                          (METERS)

     (610888.0, 4090861.6,   37.6,   37.6,   0.0);   (610988.0,
4090861.6,   41.2,   41.2,   0.0);
     (611088.0, 4090861.6,   43.0,   43.0,   0.0);   (611188.0,
4090861.6,   42.0,   42.0,   0.0);
     (611288.0, 4090861.6,   29.2,   44.3,   0.0);   (611388.0,
4090861.6,   20.3,   44.6,   0.0);
     (611488.0, 4090861.6,   20.5,   523.0,   0.0);   (611588.0,
4090861.6,   20.6,   523.9,   0.0);
     (609588.0, 4090961.6,   39.4,   49.0,   0.0);   (609688.0,
4090961.6,   48.1,   48.1,   0.0);
     (609788.0, 4090961.6,   48.7,   48.7,   0.0);   (609888.0,
4090961.6,   48.2,   48.2,   0.0);
     (609988.0, 4090961.6,   47.7,   47.7,   0.0);   (610088.0,
4090961.6,   46.1,   46.1,   0.0);
     (610188.0, 4090961.6,   43.4,   43.4,   0.0);   (610288.0,
4090961.6,   42.1,   42.1,   0.0);
     (610388.0, 4090961.6,   38.4,   38.4,   0.0);   (610488.0,
4090961.6,   38.5,   38.5,   0.0);
     (610588.0, 4090961.6,   38.2,   38.2,   0.0);   (610688.0,
4090961.6,   40.8,   40.8,   0.0);
     (610788.0, 4090961.6,   42.0,   42.0,   0.0);   (610888.0,
4090961.6,   39.7,   39.7,   0.0);
     (610988.0, 4090961.6,   42.9,   44.2,   0.0);   (611088.0,
4090961.6,   44.9,   44.9,   0.0);
     (611188.0, 4090961.6,   43.0,   44.0,   0.0);   (611288.0,
4090961.6,   22.2,   47.5,   0.0);
     (611388.0, 4090961.6,   21.1,   45.2,   0.0);   (611488.0,
4090961.6,   21.2,   523.0,   0.0);
     (611588.0, 4090961.6,   21.9,   523.9,   0.0);   (609588.0,
4091061.6,   35.3,   48.7,   0.0);
     (609688.0, 4091061.6,   35.6,   50.7,   0.0);   (609788.0,
4091061.6,   49.0,   49.0,   0.0);
     (609888.0, 4091061.6,   49.5,   49.5,   0.0);   (609988.0,

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4091061.6,      48.3,      48.3,       0.0);
     ( 610088.0, 4091061.6,      45.9,      45.9,       0.0);         ( 610188.0,
4091061.6,      42.8,      42.8,       0.0);
     ( 610288.0, 4091061.6,      42.0,      42.0,       0.0);         ( 610388.0,
4091061.6,      38.4,      42.1,       0.0);
     ( 610488.0, 4091061.6,      42.7,      42.7,       0.0);         ( 610588.0,
4091061.6,      43.3,      43.3,       0.0);
     ( 610688.0, 4091061.6,      40.7,      44.0,       0.0);         ( 610788.0,
4091061.6,      43.9,      43.9,       0.0);
     ( 610888.0, 4091061.6,      42.3,      42.3,       0.0);         ( 610988.0,
4091061.6,      45.7,      45.7,       0.0);
     ( 611088.0, 4091061.6,      46.1,      46.1,       0.0);         ( 611188.0,
4091061.6,      44.7,      44.7,       0.0);
     ( 611288.0, 4091061.6,      23.6,      49.2,       0.0);         ( 611388.0,
4091061.6,      21.8,      47.0,       0.0);
     ( 611488.0, 4091061.6,      21.6,     523.0,       0.0);         ( 611588.0,
4091061.6,      21.7,     523.9,       0.0);
     ( 610484.8, 4089884.1,      29.9,      29.9,       0.0);         ( 610483.9,
4090384.6,      31.7,      38.6,       0.0);
     ( 610745.8, 4090188.4,      25.1,      34.4,       0.0);         ( 610691.8,
4090102.0,      33.9,      33.9,       0.0);
     ( 610896.2, 4089939.9,      31.1,      31.1,       0.0);         ( 610845.7,
4089863.4,      32.4,      32.4,       0.0);
     ( 610988.3, 4089749.1,      28.2,      29.8,       0.0);         ( 611037.5,
4089683.4,      28.0,      28.8,       0.0);
     ( 610827.2, 4089609.9,      27.9,      27.9,       0.0);         ( 610760.8,
4089685.8,      28.3,      28.3,       0.0);
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***       17:37:46

                                  PAGE  12
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

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1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

                NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON
WHAT IS INCLUDED IN THE DATA FILE.



                                     *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED
CATEGORIES ***
                                                          (METERS/SEC)

                                                  1.54,   3.09,   5.14,   8.23,
10.80,
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***       17:37:46

                                    PAGE  13
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                                     *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL
DATA ***

   Surface file:   KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.sfc
                  Met Version:  21112
   Profile file:   KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.PFL

   Surface format: FREE

   Profile format: FREE

   Surface station no.:    23277                  Upper air station no.:    23230
                  Name: UNKNOWN                                 Name:
OAKLAND/WSO_AP
                  Year:   2015                                  Year:   2015

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -
 15 01 01   1 01   -6.1  0.100 -9.000 -9.000 -999.   76.     14.8  0.03   0.83
1.00    1.65  348.   10.0  275.4    2.0
 15 01 01   1 02  -15.8  0.163 -9.000 -9.000 -999.  158.     29.1  0.02   0.83
1.00    2.67  319.   10.0  274.9    2.0
 15 01 01   1 03   -3.7  0.078 -9.000 -9.000 -999.   55.     11.6  0.02   0.83
```

```
1.00    1.30  328.   10.0  274.9    2.0
 15 01 01   1 04   -5.3  0.093 -9.000 -9.000 -999.   68.     13.8  0.03   0.83
1.00    1.54  345.   10.0  274.2    2.0
 15 01 01   1 05   -4.7  0.088 -9.000 -9.000 -999.   62.     13.0  0.03   0.83
1.00    1.45  346.   10.0  273.1    2.0
 15 01 01   1 06   -6.2  0.101 -9.000 -9.000 -999.   77.     14.9  0.03   0.83
1.00    1.67  344.   10.0  273.1    2.0
 15 01 01   1 07   -2.6  0.068 -9.000 -9.000 -999.   42.     10.7  0.02   0.83
1.00    1.08   75.   10.0  273.1    2.0
 15 01 01   1 08   -3.1  0.071 -9.000 -9.000 -999.   46.     10.7  0.02   0.83
0.72    1.21  294.   10.0  273.1    2.0
 15 01 01   1 09   -0.1  0.066 -9.000 -9.000 -999.   41.    488.4  0.02   0.83
0.38    1.06  280.   10.0  277.0    2.0
 15 01 01   1 10   44.4  0.168  0.765  0.010  366.  165.     -9.7  0.02   0.83
0.26    2.08  118.   10.0  280.4    2.0
 15 01 01   1 11   78.4  0.181  0.951  0.009  397.  185.     -6.9  0.03   0.83
0.22    2.08  130.   10.0  283.8    2.0
 15 01 01   1 12   97.7  0.248  1.054  0.007  433.  296.    -14.1  0.02   0.83
0.20    3.18   90.   10.0  286.4    2.0
 15 01 01   1 13  100.7  0.163  1.128  0.006  516.  160.     -3.9  0.02   0.83
0.20    1.81  114.   10.0  287.0    2.0
 15 01 01   1 14   87.8  0.152  1.099  0.005  546.  142.     -3.6  0.03   0.83
0.21    1.60  141.   10.0  287.5    2.0
 15 01 01   1 15   59.1  0.212  0.974  0.005  564.  234.    -14.6  0.02   0.83
0.24    2.89  190.   10.0  286.4    2.0
 15 01 01   1 16   17.8  0.195  0.655  0.005  570.  207.    -37.6  0.02   0.83
0.32    2.74  232.   10.0  285.9    2.0
 15 01 01   1 17   -3.0  0.073 -9.000 -9.000 -999.   60.     11.8  0.02   0.83
0.55    1.28  256.   10.0  284.9    2.0
 15 01 01   1 18   -2.8  0.069 -9.000 -9.000 -999.   44.     10.6  0.02   0.83
1.00    1.16  297.   10.0  281.4    2.0
 15 01 01   1 19  -12.1  0.143 -9.000 -9.000 -999.  129.     22.4  0.02   0.83
1.00    2.36  314.   10.0  280.4    2.0
 15 01 01   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  279.2    2.0
 15 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  278.8    2.0
 15 01 01   1 22   -6.6  0.104 -9.000 -9.000 -999.   80.     15.3  0.02   0.83
1.00    1.76  302.   10.0  277.5    2.0
 15 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  276.4    2.0
 15 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  275.4    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 15 01 01 01   10.0 1  348.    1.65   275.4   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
```

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610088.00	4089561.65	37.80209	(16020417)	610138.00	4089561.65	39.50342	(16122024)
610188.00	4089561.65	39.80760	(19122602)	610238.00	4089561.65	34.08708	(16020717)
610288.00	4089561.65	38.40278	(16020717)	610338.00	4089561.65	37.65364	(19122607)
610388.00	4089561.65	33.98800	(15022315)	610438.00	4089561.65	37.56333	(17121009)
610488.00	4089561.65	39.35603	(19102720)	610538.00	4089561.65	34.40562	(19102711)
610588.00	4089561.65	46.40793	(18123114)	610638.00	4089561.65	36.34601	(17120410)
610688.00	4089561.65	56.23539	(18123113)	610738.00	4089561.65	53.86529	(19031309)
610788.00	4089561.65	57.51520	(19022121)	610838.00	4089561.65	52.44877	(18122716)
610888.00	4089561.65	51.51068	(19022117)	610938.00	4089561.65	56.43917	(17121620)
610988.00	4089561.65	55.58692	(17033110)	611038.00	4089561.65	50.87591	(17122016)
611088.00	4089561.65	49.33141	(15033118)	610088.00	4089611.65	40.80739	(15021017)
610138.00	4089611.65	41.10628	(18012724)	610188.00	4089611.65	41.47709	(16122024)
610238.00	4089611.65	41.71062	(19122603)	610288.00	4089611.65	34.52857	(16020717)
610338.00	4089611.65	35.91226	(16020717)	610388.00	4089611.65	38.49105	(16122819)

610438.00 4089611.65 33.78445 (15020810) 610488.00
4089611.65 35.37862 (17121009)
610538.00 4089611.65 36.02047 (19102711) 610588.00
4089611.65 38.50635 (19021816)
610638.00 4089611.65 41.40864 (18123114) 610688.00
4089611.65 59.10729 (18123113)
610738.00 4089611.65 52.87888 (19031309) 610788.00
4089611.65 63.77893 (19022121)
610838.00 4089611.65 51.34967 (19031308) 610888.00
4089611.65 61.04522 (17121620)
610938.00 4089611.65 64.28255 (16041517) 610988.00
4089611.65 58.90871 (17121621)
611038.00 4089611.65 55.16149 (17033109) 611088.00
4089611.65 48.76415 (17121618)
610088.00 4089661.65 42.16337 (16051519) 610138.00
4089661.65 43.32407 (17051519)
610188.00 4089661.65 43.80157 (17102221) 610238.00
4089661.65 41.93823 (16122024)
610288.00 4089661.65 42.05745 (17021706) 610338.00
4089661.65 33.63039 (15112615)
610388.00 4089661.65 34.22644 (16122116) 610438.00
4089661.65 36.64541 (16122819)
610488.00 4089661.65 36.31885 (17012412) 610538.00
4089661.65 36.69227 (19022112)
610588.00 4089661.65 40.69939 (19102712) 610638.00
4089661.65 49.55831 (18123114)
610688.00 4089661.65 60.47041 (18123113) 610738.00
4089661.65 49.69200 (19031309)
610988.00 4089661.65 64.92305 (17121617) 611038.00
4089661.65 54.78444 (17121618)
611088.00 4089661.65 49.18979 (16020104) 610088.00
4089711.65 40.41773 (16051518)
610138.00 4089711.65 45.63863 (16051518) 610188.00
4089711.65 46.51423 (17021705)
610238.00 4089711.65 45.62608 (17102221) 610288.00
4089711.65 45.22168 (16122023)
610338.00 4089711.65 42.59015 (17021706) 610388.00
4089711.65 36.03380 (15022317)
610438.00 4089711.65 35.89314 (17012915) 610488.00
4089711.65 36.14360 (16010111)
610538.00 4089711.65 40.00293 (19040912) 610588.00
4089711.65 43.28149 (18100711)
610638.00 4089711.65 51.26614 (18123114) 610688.00
4089711.65 58.72835 (18123113)
611038.00 4089711.65 55.35505 (16020104) 611088.00
4089711.65 54.96274 (19092606)
610088.00 4089761.65 47.41841 (18051919) 610138.00
4089761.65 49.11265 (16042619)
610188.00 4089761.65 44.86470 (16051518) 610238.00
4089761.65 48.32669 (16051519)

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610388.00	4089761.65	38.96196	(17021706)	610438.00	4089761.65	38.14421	(16020412)
610488.00	4089761.65	39.04812	(18012815)	610538.00	4089761.65	38.95605	(17012412)
610588.00	4089761.65	38.77742	(18100711)	610638.00	4089761.65	39.37600	(18123114)
610988.00	4089761.65	60.81908	(16020104)	611038.00	4089761.65	62.59119	(19092606)
611088.00	4089761.65	55.08388	(19092609)	610088.00	4089811.65	50.37793	(16110516)
610138.00	4089811.65	50.96790	(15051518)	610188.00	4089811.65	53.99367	(19122524)
610238.00	4089811.65	52.50411	(18121916)	610288.00	4089811.65	43.48862	(16051518)
610338.00	4089811.65	45.05570	(17021705)	610388.00	4089811.65	41.15993	(17120813)
610438.00	4089811.65	41.87078	(18121913)	610488.00	4089811.65	39.44044	(16020412)
610538.00	4089811.65	37.61982	(17012413)	610938.00	4089811.65	66.62024	(16020104)
610988.00	4089811.65	68.52613	(19092606)	611038.00	4089811.65	68.34676	(19092609)
611088.00	4089811.65	66.48202	(19021717)	610088.00	4089861.65	55.44278	(17051518)
610138.00	4089861.65	59.99409	(16122817)	610188.00	4089861.65	63.05607	(15022217)

610238.00 4089861.65 63.03180 (16110516) 610288.00
4089861.65 54.06112 (19122524)
610338.00 4089861.65 48.26577 (18121916) 610388.00
4089861.65 44.69991 (17102312)
610438.00 4089861.65 46.00483 (16122814) 610488.00
4089861.65 42.34507 (18121913)
610888.00 4089861.65 70.46634 (16020111) 610938.00
4089861.65 62.99149 (19092606)
610988.00 4089861.65 77.25593 (19021717) 611038.00
4089861.65 72.09551 (19022018)
611088.00 4089861.65 60.09337 (19092814) 610088.00
4089911.65 60.89691 (17060919)
610138.00 4089911.65 64.23796 (17060919) 610188.00
4089911.65 66.53418 (18050518)
610238.00 4089911.65 73.89046 (18051719) 610288.00
4089911.65 62.99849 (16070920)
610338.00 4089911.65 56.50282 (15022217) 610388.00
4089911.65 48.56891 (18111113)
610438.00 4089911.65 50.72946 (16020714) 610888.00
4089911.65 92.08767 (19040910)
610938.00 4089911.65 80.07738 (19092605) 610988.00
4089911.65 89.17823 (19092814)
611038.00 4089911.65 65.58736 (19031217) 611088.00
4089911.65 50.12098 (19022016)
610088.00 4089961.65 64.62465 (17053119) 610138.00
4089961.65 68.49023 (16122816)
610188.00 4089961.65 75.10642 (16090218) 610238.00
4089961.65 79.12165 (16122818)
610288.00 4089961.65 71.50826 (19122519) 610338.00
4089961.65 69.60240 (19122523)
610388.00 4089961.65 71.99587 (19122523) 610438.00
4089961.65 63.63153 (18051719)
610888.00 4089961.65 178.86459 (19031216) 610938.00
4089961.65 104.22543 (19092816)
610988.00 4089961.65 77.35907 (19111917) 611038.00
4089961.65 52.46753 (19091017)
611088.00 4089961.65 45.71830 (19040917) 610088.00
4090011.65 68.30775 (18062819)
610138.00 4090011.65 72.63276 (18062819) 610188.00
4090011.65 76.92241 (15051019)
610238.00 4090011.65 78.24878 (17011815) 610288.00
4090011.65 80.30092 (16020716)
610338.00 4090011.65 76.42456 (17021708) 610388.00
4090011.65 79.66772 (17021708)
610438.00 4090011.65 81.64374 (17021708) 610838.00
4090011.65 327.40061 (19040917)
610888.00 4090011.65 186.98651 (19092817) 610938.00
4090011.65 96.73122 (19092812)
610988.00 4090011.65 62.24776 (19092616) 611038.00
4090011.65 49.15334 (19092616)

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610238.00	4090061.65	80.63660	(18050919)	610288.00	4090061.65	68.15139	(18060518)
610338.00	4090061.65	75.24643	(15122615)	610388.00	4090061.65	88.45679	(17021709)
610438.00	4090061.65	113.98382	(17021709)	610788.00	4090061.65	588.31975	(19030815)
610838.00	4090061.65	298.94740	(19052616)	610888.00	4090061.65	125.14750	(19092916)
610938.00	4090061.65	64.19831	(19092916)	610988.00	4090061.65	47.01997	(16042417)
611038.00	4090061.65	48.68333	(16042417)	611088.00	4090061.65	47.45934	(16042417)
610088.00	4090111.65	67.16546	(15041318)	610138.00	4090111.65	69.79165	(17061220)
610188.00	4090111.65	75.05955	(19070819)	610238.00	4090111.65	80.49895	(19020201)
610288.00	4090111.65	64.92098	(19010111)	610338.00	4090111.65	73.20386	(19010111)
610388.00	4090111.65	96.74903	(17012201)	610438.00	4090111.65	117.10954	(17021711)
610738.00	4090111.65	417.90550	(17020712)	610788.00	4090111.65	111.94260	(15051214)
610838.00	4090111.65	84.47776	(16051915)	610888.00	4090111.65	58.74014	(15022714)

610938.00 4090111.65 44.30638 (17062214) 610988.00 4090111.65 42.31046 (19050714)
611038.00 4090111.65 46.43044 (19052616) 611088.00 4090111.65 46.76383 (19051615)
610088.00 4090161.65 66.58800 (15080519) 610138.00 4090161.65 68.74827 (19010512)
610188.00 4090161.65 71.71190 (16071719) 610238.00 4090161.65 72.10533 (19120216)
610288.00 4090161.65 70.35714 (17062718) 610338.00 4090161.65 85.92012 (19011312)
610388.00 4090161.65 104.62022 (17012204) 610438.00 4090161.65 122.40052 (15020617)
610738.00 4090161.65 178.91002 (17020709) 610788.00 4090161.65 53.29129 (18041615)
610838.00 4090161.65 39.60323 (15051214) 610888.00 4090161.65 34.68645 (16052314)
610938.00 4090161.65 35.70722 (16052214) 610988.00 4090161.65 37.11989 (18063012)
611038.00 4090161.65 37.78713 (19021407) 611088.00 4090161.65 41.26022 (19052612)
610088.00 4090211.65 66.73038 (19070319) 610138.00 4090211.65 68.74150 (15052719)
610188.00 4090211.65 72.25477 (17060920) 610238.00 4090211.65 74.97598 (15083119)
610288.00 4090211.65 73.30437 (16010606) 610338.00 4090211.65 92.38450 (17010805)
610388.00 4090211.65 101.87203 (19020202) 610438.00 4090211.65 115.15533 (19020122)
610738.00 4090211.65 84.94864 (17020710) 610788.00 4090211.65 41.56431 (15040714)
610838.00 4090211.65 27.47767 (16070614) 610888.00 4090211.65 28.38917 (15051214)
610938.00 4090211.65 32.39901 (15071113) 610988.00 4090211.65 33.29036 (17082014)
611038.00 4090211.65 33.40504 (17062316) 611088.00 4090211.65 36.56176 (19030814)
610088.00 4090261.65 64.12181 (16032418) 610138.00 4090261.65 68.22062 (15071319)
610188.00 4090261.65 69.98499 (15083118) 610238.00 4090261.65 67.22954 (19041417)
610288.00 4090261.65 76.59727 (15020618) 610338.00 4090261.65 88.48743 (17010312)
610388.00 4090261.65 95.00732 (17021715) 610438.00 4090261.65 103.40692 (17010808)
610688.00 4090261.65 83.70705 (16101613) 610738.00 4090261.65 55.43857 (16101616)
610788.00 4090261.65 34.89767 (15101513) 610838.00 4090261.65 29.02159 (18041615)
610888.00 4090261.65 29.14171 (15051213) 610938.00 4090261.65 30.43039 (15051214)

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610988.00	4090261.65	30.89898	(15071813)	611038.00	4090261.65	31.76123	(16061514)
611088.00	4090261.65	33.00939	(17112509)	610088.00	4090311.65	63.29955	(15013017)
610138.00	4090311.65	65.65787	(15042207)	610188.00	4090311.65	68.23383	(17072119)
610238.00	4090311.65	65.25044	(18112822)	610288.00	4090311.65	78.09787	(15062119)
610338.00	4090311.65	83.88126	(15071318)	610388.00	4090311.65	90.07002	(17010808)
610438.00	4090311.65	95.41696	(16061918)	610588.00	4090311.65	77.49234	(19020224)
610638.00	4090311.65	56.76944	(17011016)	610688.00	4090311.65	57.69188	(16101613)
610738.00	4090311.65	44.25752	(16101616)	610788.00	4090311.65	36.73911	(15050514)
610838.00	4090311.65	32.09876	(15051212)	610888.00	4090311.65	30.57368	(17092111)
610938.00	4090311.65	29.17083	(15040713)	610988.00	4090311.65	29.36656	(17100313)
611038.00	4090311.65	29.72170	(17061115)	611088.00	4090311.65	37.22378	(18041114)
610088.00	4090361.65	60.40601	(18052919)	610138.00	4090361.65	61.27983	(17060319)
610188.00	4090361.65	63.03620	(16080719)	610238.00	4090361.65	70.04936	(19073019)
610288.00	4090361.65	75.22594	(17051718)	610338.00	4090361.65	80.39070	(15061618)

610388.00 4090361.65 84.66685 (18091618) 610438.00
4090361.65 89.94284 (16042207)
610538.00 4090361.65 73.25759 (19090216) 610588.00
4090361.65 60.33121 (19120614)
610638.00 4090361.65 56.09800 (17011016) 610688.00
4090361.65 49.66012 (18030114)
610738.00 4090361.65 44.87361 (16101612) 610788.00
4090361.65 38.36909 (16021714)
610838.00 4090361.65 33.07412 (19030617) 610888.00
4090361.65 30.72668 (16070515)
610938.00 4090361.65 29.24728 (19022511) 610988.00
4090361.65 28.38666 (19091913)
611038.00 4090361.65 29.92515 (19021413) 611088.00
4090361.65 41.27496 (19020309)
610088.00 4090411.65 57.73126 (19030516) 610138.00
4090411.65 59.19468 (18121011)
610188.00 4090411.65 61.82061 (18121013) 610238.00
4090411.65 68.67151 (17060619)
610288.00 4090411.65 72.44909 (18091818) 610338.00
4090411.65 74.32906 (16043018)
610388.00 4090411.65 77.18355 (19020210) 610438.00
4090411.65 75.35942 (18072318)
610488.00 4090411.65 64.37224 (19121802) 610538.00
4090411.65 55.55664 (16030620)
610588.00 4090411.65 45.41395 (17022007) 610638.00
4090411.65 47.77581 (17011017)
610688.00 4090411.65 47.82807 (17011014) 610738.00
4090411.65 44.49759 (18031518)
610788.00 4090411.65 40.10042 (16021717) 610838.00
4090411.65 40.43180 (17022019)
610888.00 4090411.65 36.16736 (19020303) 610938.00
4090411.65 29.33540 (19082615)
610988.00 4090411.65 28.93618 (18112911) 611038.00
4090411.65 35.01502 (19020304)
611088.00 4090411.65 44.08858 (18040714) 610088.00
4090461.65 55.09560 (17012210)
610138.00 4090461.65 58.79083 (16072119) 610188.00
4090461.65 61.66515 (17060619)
610238.00 4090461.65 66.31877 (18060719) 610288.00
4090461.65 69.65046 (17081119)
610338.00 4090461.65 70.56713 (17082918) 610388.00
4090461.65 70.71325 (19102618)
610438.00 4090461.65 66.19436 (18030108) 610488.00
4090461.65 57.41179 (15020613)
610538.00 4090461.65 48.51518 (19020224) 610588.00
4090461.65 43.84281 (19011622)
610638.00 4090461.65 46.13261 (16030522) 610688.00
4090461.65 45.66435 (17011018)
610738.00 4090461.65 43.49907 (16101520) 610788.00
4090461.65 46.13364 (17110902)

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610838.00	4090461.65	49.99290	(16011912)	610888.00	4090461.65	44.18303	(17020714)
610938.00	4090461.65	32.66048	(19020213)	610988.00	4090461.65	35.07645	(19120714)
611038.00	4090461.65	43.11484	(19011521)	611088.00	4090461.65	43.58639	(17081414)
610088.00	4090511.65	55.31829	(18083118)	610138.00	4090511.65	58.79780	(17091418)
610188.00	4090511.65	61.68533	(15020710)	610238.00	4090511.65	63.88707	(18062119)
610288.00	4090511.65	66.35714	(18041418)	610338.00	4090511.65	67.30155	(15090618)
610388.00	4090511.65	65.74899	(16070618)	610438.00	4090511.65	60.52411	(16042208)
610488.00	4090511.65	52.71581	(19082217)	610538.00	4090511.65	43.63922	(19120614)
610588.00	4090511.65	42.00086	(19022614)	610638.00	4090511.65	45.82236	(19020403)
610688.00	4090511.65	45.27680	(16031111)	610738.00	4090511.65	44.77752	(18030212)
610788.00	4090511.65	48.99633	(16101620)	610838.00	4090511.65	56.37376	(18031308)
610888.00	4090511.65	44.28254	(16101515)	610938.00	4090511.65	35.53393	(15040715)
610988.00	4090511.65	41.53404	(17012012)	611038.00	4090511.65	44.83218	(16090313)
611088.00	4090511.65	43.05861	(19120724)	610088.00	4090561.65	58.47986	(19041721)

610138.00 4090561.65 60.24256 (16010619) 610188.00
4090561.65 58.65328 (18062119)
610238.00 4090561.65 60.96884 (18041418) 610288.00
4090561.65 63.79724 (16090618)
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       610388.00   4089261.65   36.44969 (18100908)   610488.00
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609688.00 4089561.65 37.70577 (17010323) 609788.00 4089561.65 34.57941 (16122909)

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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611188.00	4089661.65	38.30729	(19092606)	611288.00	4089661.65	38.76070	(19022019)
611388.00	4089661.65	35.30335	(19021718)	611488.00	4089661.65	33.55921	(19031218)
611588.00	4089661.65	32.43453	(17020117)	609588.00	4089761.65	56.78423	(19030923)
609688.00	4089761.65	44.27543	(16050323)	609788.00	4089761.65	40.07207	(16012609)
609888.00	4089761.65	43.19157	(17012909)	609988.00	4089761.65	44.82030	(19010511)
611188.00	4089761.65	43.95669	(19092605)	611288.00	4089761.65	40.02200	(15111524)
611388.00	4089761.65	36.32591	(18021117)	611488.00	4089761.65	34.48849	(18120116)
611588.00	4089761.65	32.92604	(19051619)	609588.00	4089861.65	53.93693	(19011501)

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       611488.00   4090861.65       24.05294  (16051118)               611588.00
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 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        17:37:46

                                  PAGE  22
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     BLINE3      ,

                                            *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                         ** CONC OF PM_10    IN MICROGRAMS/M**3
                   **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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       610388.00   4090961.65       53.32975  (17050321)               610488.00
 4090961.65       50.46165  (19020322)
       610588.00   4090961.65       48.32566  (16082420)               610688.00
 4090961.65       58.14251  (15060802)
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 4090961.65       42.49700  (16063019)
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       611388.00   4090961.65       27.97614  (18080107)                611488.00
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       611588.00   4090961.65       23.21547  (18112809)                609588.00
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       610888.00   4091061.65       52.66223  (16051106)                610988.00
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       611088.00   4091061.65       64.57727  (17010419)                611188.00
 4091061.65       52.70072  (16042322)
       611288.00   4091061.65       25.42668  (17090718)                611388.00
 4091061.65       29.55881  (18080107)
       611488.00   4091061.65       26.24589  (19070407)                611588.00
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       610896.15   4089939.95      121.35282  (19040916)                610845.74
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 4089683.43       60.27614  (15111616)
       610827.24   4089609.95       53.12985  (18122716)                610760.81
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 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        17:37:46

                                   PAGE  23
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     BLINE3      ,
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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610288.00	4089561.65	11.89828	(15112616)	610338.00	4089561.65	11.32291	(15112616)
610388.00	4089561.65	10.21742	(17012416)	610438.00	4089561.65	11.73966	(16010916)
610488.00	4089561.65	12.81768	(16010916)	610538.00	4089561.65	9.93550	(19102716)
610588.00	4089561.65	12.17403	(18123116)	610638.00	4089561.65	12.52030	(19102716)
610688.00	4089561.65	16.65117	(18123116)	610738.00	4089561.65	20.71076	(16120216)
610788.00	4089561.65	21.74278	(18122716)	610838.00	4089561.65	22.86130	(18122716)
610888.00	4089561.65	17.28413	(17033116)	610938.00	4089561.65	20.95891	(17033116)
610988.00	4089561.65	18.93299	(17033116)	611038.00	4089561.65	17.27789	(15111616)
611088.00	4089561.65	17.77491	(15111616)	610088.00	4089611.65	10.08856	(15123116)
610138.00	4089611.65	11.42819	(15123116)	610188.00	4089611.65	11.80960	(15123116)
610238.00	4089611.65	11.77898	(19122608)	610288.00	4089611.65	12.58910	(15112616)
610338.00	4089611.65	13.31057	(15112616)	610388.00	4089611.65	12.19300	(15112616)
610438.00	4089611.65	10.80190	(17012416)	610488.00	4089611.65	13.13587	(16010916)
610538.00	4089611.65	11.21404	(16010916)	610588.00	4089611.65	11.66451	(19102716)
610638.00	4089611.65	13.45790	(19102716)	610688.00	4089611.65	17.87547	(18123116)
610738.00	4089611.65	23.96800	(16120216)	610788.00	4089611.65	26.00239	(18122716)
610838.00	4089611.65	22.35799	(18122716)	610888.00	4089611.65	22.25715	(17033116)
610938.00	4089611.65	24.17037	(17033116)	610988.00	4089611.65	19.90640	(15111616)

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       610188.00   4089661.65       13.04463  (15123116)                610238.00
 4089661.65       13.87340  (15123116)
       610288.00   4089661.65       13.29589  (15123116)                610338.00
 4089661.65       14.13021  (15112616)
       610388.00   4089661.65       15.10210  (16122116)                610438.00
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       610488.00   4089661.65       11.42352  (16010916)                610538.00
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       610588.00   4089661.65       12.60283  (19102716)                610638.00
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       610688.00   4089661.65       20.11206  (19102716)                610738.00
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       610988.00   4089661.65       24.76937  (15111616)                611038.00
 4089661.65       23.72741  (15111616)
       611088.00   4089661.65       18.52510  (15111616)                610088.00
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       610138.00   4089711.65       14.41077  (17102316)                610188.00
 4089711.65       13.94435  (17102316)
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 4089711.65       16.23454  (15123116)
       610338.00   4089711.65       15.34471  (15123116)                610388.00
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 4089711.65       22.19023  (19102716)
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       610088.00   4089761.65       12.93593  (17120916)                610138.00
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       610188.00   4089761.65       17.07207  (17102316)                610238.00
 4089761.65       18.17951  (17102316)
       610288.00   4089761.65       16.10383  (17102316)                610338.00
 4089761.65       18.52788  (15123116)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                               *** THE   1ST HIGHEST  8-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
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INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610388.00	4089761.65	17.56879	(15123116)	610438.00	4089761.65	17.86846	(16122116)
610488.00	4089761.65	16.50101	(16122116)	610538.00	4089761.65	13.03204	(17012416)
610588.00	4089761.65	9.36537	(19041016)	610638.00	4089761.65	14.44210	(19102716)
610988.00	4089761.65	25.15258	(15111616)	611038.00	4089761.65	13.19872	(15111616)
611088.00	4089761.65	17.66439	(18113016)	610088.00	4089811.65	12.19700	(18051724)
610138.00	4089811.65	13.59300	(17120916)	610188.00	4089811.65	14.40498	(17120916)
610238.00	4089811.65	18.07854	(17102316)	610288.00	4089811.65	21.87332	(17102316)
610338.00	4089811.65	22.08590	(17102316)	610388.00	4089811.65	19.81535	(15123116)
610438.00	4089811.65	19.39775	(15123116)	610488.00	4089811.65	17.80023	(16122116)
610538.00	4089811.65	14.37424	(17012416)	610938.00	4089811.65	29.49245	(15111616)
610988.00	4089811.65	16.00906	(16020116)	611038.00	4089811.65	22.99332	(18113016)
611088.00	4089811.65	24.96615	(19092608)	610088.00	4089861.65	14.76714	(18051724)
610138.00	4089861.65	16.05021	(18051724)	610188.00	4089861.65	15.68749	(18051724)
610238.00	4089861.65	15.27120	(17120916)	610288.00	4089861.65	15.46680	(17102316)
610338.00	4089861.65	22.08250	(17102316)	610388.00	4089861.65	26.98479	(17102316)
610438.00	4089861.65	23.65735	(17102316)	610488.00	4089861.65	18.91527	(15123116)
610888.00	4089861.65	32.72537	(15111616)	610938.00	4089861.65	20.37383	(18113016)
610988.00	4089861.65	27.95874	(19092608)	611038.00	4089861.65	24.81304	(19092608)
611088.00	4089861.65	23.46106	(19021016)	610088.00	4089911.65	16.14366	(19122524)

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 4089961.65       23.87444  (16020816)
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 4089961.65       28.09906  (19121416)
       611088.00   4089961.65       22.34705  (19121416)                610088.00
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 4090011.65       20.62888  (18032016)
       610238.00   4090011.65       22.66531  (15010516)                610288.00
 4090011.65       25.13000  (15010516)
       610338.00   4090011.65       26.08783  (15010516)                610388.00
 4090011.65       27.89791  (15010516)
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       610888.00   4090011.65       94.22023  (19092616)                610938.00
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       611088.00   4090011.65       25.90338  (19092616)                610088.00
 4090061.65       25.65756  (17053124)
       610138.00   4090061.65       25.39401  (19113016)                610188.00
 4090061.65       28.01716  (19113016)
 ↟ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE
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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
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610438.00	4090061.65	44.07115	(18011316)	610788.00	4090061.65	355.45103	(19052616)
610838.00	4090061.65	187.30223	(16032816)	610888.00	4090061.65	73.84660	(16032816)
610938.00	4090061.65	36.72670	(16032816)	610988.00	4090061.65	27.23896	(18092116)
611038.00	4090061.65	26.34767	(18092116)	611088.00	4090061.65	27.20196	(17021816)
610088.00	4090111.65	24.23629	(19113016)	610138.00	4090111.65	24.82002	(19113016)
610188.00	4090111.65	25.55051	(19113016)	610238.00	4090111.65	25.29012	(18011316)
610288.00	4090111.65	24.78608	(18011316)	610338.00	4090111.65	25.60466	(18011316)
610388.00	4090111.65	38.46992	(17062724)	610438.00	4090111.65	47.21896	(17062724)
610738.00	4090111.65	274.34116	(17020316)	610788.00	4090111.65	54.92386	(15071716)
610838.00	4090111.65	47.02644	(15071816)	610888.00	4090111.65	29.71776	(17062216)
610938.00	4090111.65	23.34609	(19072016)	610988.00	4090111.65	30.07991	(19052616)
611038.00	4090111.65	31.22514	(19052616)	611088.00	4090111.65	31.57933	(16032816)
610088.00	4090161.65	18.46204	(17062724)	610138.00	4090161.65	23.36928	(17062724)
610188.00	4090161.65	28.47684	(17062724)	610238.00	4090161.65	31.19760	(17062724)
610288.00	4090161.65	29.61212	(17062724)	610338.00	4090161.65	27.85874	(17062724)
610388.00	4090161.65	35.27635	(19011316)	610438.00	4090161.65	44.45591	(19011316)

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       610938.00   4090161.65       18.58001  (17062316)                610988.00
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       611038.00   4090161.65       21.33938  (19043016)                611088.00
 4090161.65       24.62971  (19052616)
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       610188.00   4090211.65       23.00255  (17062724)                610238.00
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       610288.00   4090211.65       24.18608  (19011316)                610338.00
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       610388.00   4090211.65       37.06216  (19011316)                610438.00
 4090211.65       30.45979  (16080724)
       610738.00   4090211.65       56.39757  (16101524)                610788.00
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       610838.00   4090211.65       16.20993  (18081516)                610888.00
 4090211.65       16.23921  (18071216)
       610938.00   4090211.65       22.35253  (15071816)                610988.00
 4090211.65       24.64900  (17062316)
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 4090261.65       23.84942  (19053024)
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       610288.00   4090261.65       27.04509  (19011316)                610338.00
 4090261.65       25.49998b (18121016)
       610388.00   4090261.65       28.83431b (18121016)                610438.00
 4090261.65       38.37709  (17021716)
       610688.00   4090261.65       40.11777  (17070916)                610738.00
 4090261.65       34.76428  (16101524)
       610788.00   4090261.65       20.37844b (16051716)                610838.00
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       610888.00   4090261.65       17.09333c (15061116)                610938.00
 4090261.65       21.93191  (15042516)
       610988.00   4090261.65       25.29644  (15060616)                611038.00
 4090261.65       24.26038  (17062316)
       611088.00   4090261.65       23.58648  (16081916)                610088.00
 4090311.65       21.85972  (19053024)
       610138.00   4090311.65       20.74490c (19030524)                610188.00
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 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
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*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610238.00	4090311.65	20.14687	(19011316)	610288.00	4090311.65	26.64273b	(18121016)
610338.00	4090311.65	28.20330	(17021716)	610388.00	4090311.65	33.48284	(17021716)
610438.00	4090311.65	27.47384	(17060224)	610588.00	4090311.65	37.79167	(17070816)
610638.00	4090311.65	33.22609	(17071616)	610688.00	4090311.65	31.45575	(17070916)
610738.00	4090311.65	28.84717	(16101524)	610788.00	4090311.65	23.53394	(17020316)
610838.00	4090311.65	18.99408	(15072316)	610888.00	4090311.65	17.83885	(18081716)
610938.00	4090311.65	19.10146	(16070216)	610988.00	4090311.65	24.35306	(15042516)
611038.00	4090311.65	25.77241	(15060616)	611088.00	4090311.65	24.63933	(15122216)
610088.00	4090361.65	20.42827c	(19030524)	610138.00	4090361.65	17.22739	(19011316)
610188.00	4090361.65	20.66247b	(18121016)	610238.00	4090361.65	24.64779b	(18121016)
610288.00	4090361.65	27.43929	(17021716)	610338.00	4090361.65	28.53903	(17021716)
610388.00	4090361.65	26.42962	(17060224)	610438.00	4090361.65	36.96702	(19011616)
610538.00	4090361.65	26.71055	(17070816)	610588.00	4090361.65	30.69921	(16062816)
610638.00	4090361.65	28.41052	(17071616)	610688.00	4090361.65	29.03972	(17070916)
610738.00	4090361.65	29.76473	(16101524)	610788.00	4090361.65	31.10949	(17020316)
610838.00	4090361.65	19.33831	(19060516)	610888.00	4090361.65	19.88730	(19072716)
610938.00	4090361.65	18.89226	(17052716)	610988.00	4090361.65	20.42115	(15042516)

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 4090361.65       27.92410  (15060616)
       610088.00   4090411.65       17.17163b (18121016)                610138.00
 4090411.65       20.67007b (18121016)
       610188.00   4090411.65       20.58787b (18121016)                610238.00
 4090411.65       25.53851  (17021716)
       610288.00   4090411.65       24.27400  (17021716)                610338.00
 4090411.65       23.78904  (17060224)
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 4090411.65       45.15066  (19120624)
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 4090461.65       22.31587  (17060224)
       610338.00   4090461.65       24.77625  (19011416)                610388.00
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       610538.00   4090461.65       22.65340  (17070816)                610588.00
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 4090511.65       26.84412  (19070424)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        17:37:46
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*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
610188.00	4090511.65	19.09268	(15061624)	610238.00	4090511.65	20.11390	(17060224)
610288.00	4090511.65	22.02704	(19011416)	610338.00	4090511.65	26.27495	(19120624)
610388.00	4090511.65	40.26510	(19120624)	610438.00	4090511.65	26.98414	(19120624)
610488.00	4090511.65	19.27352	(17070816)	610538.00	4090511.65	19.50019	(17070116)
610588.00	4090511.65	20.97647	(17071616)	610638.00	4090511.65	21.37009	(17070916)
610688.00	4090511.65	25.96019	(15020824)	610738.00	4090511.65	25.49130	(15020824)
610788.00	4090511.65	37.64273	(16121016)	610838.00	4090511.65	48.48545	(17020316)
610888.00	4090511.65	23.36383	(17020608)	610938.00	4090511.65	18.79385	(15072316)
610988.00	4090511.65	21.93627	(17032116)	611038.00	4090511.65	23.64695	(19120716)
611088.00	4090511.65	22.26906	(19022516)	610088.00	4090561.65	26.41631	(19070424)
610138.00	4090561.65	18.76435m	(15042924)	610188.00	4090561.65	18.08167	(17060224)
610238.00	4090561.65	19.13288	(19011416)	610288.00	4090561.65	23.00420	(17042224)
610338.00	4090561.65	34.32733	(19120624)	610388.00	4090561.65	32.72254	(19120624)
610438.00	4090561.65	14.71039	(17070816)	610488.00	4090561.65	17.78181	(17070116)
610538.00	4090561.65	17.05108	(17070116)	610588.00	4090561.65	21.53532	(19022616)
610638.00	4090561.65	21.23612	(17022024)	610688.00	4090561.65	25.99081	(15020824)

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       610738.00   4090561.65       26.53285  (15020824)                610788.00
 4090561.65       40.64594  (16121016)
       610838.00   4090561.65       49.83824  (17020316)                610888.00
 4090561.65       27.45590  (17020608)
       610938.00   4090561.65       19.29106  (16101424)                610988.00
 4090561.65       22.47994  (16101424)
       611038.00   4090561.65       22.44329  (17032116)                611088.00
 4090561.65       21.09095  (16091216)
       609588.00   4089061.65       10.17782  (17072108)                609688.00
 4089061.65        8.47644  (18012808)
       609788.00   4089061.65        7.54161  (18012808)                609888.00
 4089061.65        8.11979  (17042724)
       609988.00   4089061.65       10.94138  (19122608)                610088.00
 4089061.65        8.13444  (19122608)
       610188.00   4089061.65        7.65372  (16010916)                610288.00
 4089061.65        7.23374  (16010916)
       610388.00   4089061.65        6.07845  (19021316)                610488.00
 4089061.65        7.64577  (18123116)
       610588.00   4089061.65        6.01642  (18122716)                610688.00
 4089061.65       16.56562  (18122808)
       610788.00   4089061.65       10.87799  (18122808)                610888.00
 4089061.65       19.03541  (18122724)
       610988.00   4089061.65       10.62975c (19032424)                611088.00
 4089061.65       13.55161  (19100108)
       611188.00   4089061.65       17.17557  (18120208)                611288.00
 4089061.65       10.85077c (18111424)
       611388.00   4089061.65        9.57169  (17121624)                611488.00
 4089061.65       11.74134  (15120308)
       611588.00   4089061.65       10.31937  (15111208)                609588.00
 4089161.65        9.40954  (18120608)
       609688.00   4089161.65        9.75006  (16092124)                609788.00
 4089161.65        8.65401  (19122608)
       609888.00   4089161.65        7.13100  (18012808)                609988.00
 4089161.65        7.86263  (17042724)
       610088.00   4089161.65       11.53791  (19122608)                610188.00
 4089161.65        6.66010  (15123108)
       610288.00   4089161.65        9.17818  (16010916)                610388.00
 4089161.65        5.70905  (19021316)
       610488.00   4089161.65        7.98089  (18123116)                610588.00
 4089161.65        6.35904  (18123116)
       610688.00   4089161.65       16.61737  (18122808)                610788.00
 4089161.65       10.89388  (18122808)
       610888.00   4089161.65       17.41626  (18122724)                610988.00
 4089161.65       11.46711  (19112024)
       611088.00   4089161.65       12.55674  (18122608)                611188.00
 4089161.65       19.92509  (18111724)
       611288.00   4089161.65        9.00674  (17121624)                611388.00
 4089161.65       10.01537  (15120308)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
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*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

                               *** THE   1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL   ***
                                  INCLUDING SOURCE(S):   BLINE3   ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                                ** CONC OF PM_10   IN MICROGRAMS/M**3
                    **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)
 -
        611488.00   4089161.65   9.44689 (16102308)   611588.00   4089161.65   14.18725 (18021508)
        609588.00   4089261.65   17.98031 (18120608)   609688.00   4089261.65   12.27986 (18120608)
        609788.00   4089261.65   9.65495 (16092124)   609888.00   4089261.65   9.61713 (19122608)
        609988.00   4089261.65   6.58768 (19122608)   610088.00   4089261.65   8.78890 (19122608)
        610188.00   4089261.65   9.73324 (19122608)   610288.00   4089261.65   8.94052 (16010916)
        610388.00   4089261.65   8.03087 (16010916)   610488.00   4089261.65   7.74396 (19021316)
        610588.00   4089261.65   8.13108 (18123116)   610688.00   4089261.65   16.36070 (18122808)
        610788.00   4089261.65   11.47874 (16120216)   610888.00   4089261.65   13.79952 (18122724)
        610988.00   4089261.65   12.94705 (19100108)   611088.00   4089261.65   19.40882 (18120208)
        611188.00   4089261.65   11.49662c (18111424)   611288.00   4089261.65   10.26142 (17121624)
        611388.00   4089261.65   8.92366 (16101824)   611488.00   4089261.65   12.17615 (18021508)
        611588.00   4089261.65   13.96298 (17041408)   609588.00   4089361.65   14.34706 (18120608)
        609688.00   4089361.65   18.67822 (18120608)   609788.00   4089361.65   14.90743 (18120608)
        609888.00   4089361.65   8.57220 (16092124)   609988.00   4089361.65   10.51925 (19122608)
        610088.00   4089361.65   7.42726 (15112616)   610188.00   4089361.65   9.28484 (19122608)

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       610288.00   4089361.65        7.20495  (16010916)               610388.00
4089361.65       10.86318  (16010916)
       610488.00   4089361.65        7.83999  (19021316)               610588.00
4089361.65       10.51128  (18123116)
       610688.00   4089361.65       15.33259  (18122808)               610788.00
4089361.65       14.11314  (16120216)
       610888.00   4089361.65       15.10850  (18122716)               610988.00
4089361.65       11.31708  (17033116)
       611088.00   4089361.65       13.58931  (18111724)               611188.00
4089361.65       11.00296  (17121624)
       611288.00   4089361.65       10.43853  (15111616)               611388.00
4089361.65        9.92189  (18021508)
       611488.00   4089361.65       12.65029  (17041408)               611588.00
4089361.65       10.46848  (15122508)
       609588.00   4089461.65       15.39689  (16090224)               609688.00
4089461.65       12.93719  (16090224)
       609788.00   4089461.65       15.76978  (18120608)               609888.00
4089461.65       15.63916  (18120608)
       609988.00   4089461.65        7.54364  (15123116)               610088.00
4089461.65       11.40035  (19122608)
       610188.00   4089461.65        9.31332  (15112616)               610288.00
4089461.65        8.71629  (17120616)
       610388.00   4089461.65       10.86362  (16010916)               610488.00
4089461.65        9.19294  (16010916)
       610588.00   4089461.65       12.78268  (18123116)               610688.00
4089461.65       14.15704  (18123116)
       610788.00   4089461.65       17.27370  (16120216)               610888.00
4089461.65       15.80584  (15121516)
       610988.00   4089461.65       16.10469  (17033116)               611088.00
4089461.65       12.88456  (17121624)
       611188.00   4089461.65       12.91746  (15111616)               611288.00
4089461.65       10.98199  (15111616)
       611388.00   4089461.65       10.15874  (17041408)               611488.00
4089461.65        8.02330  (15110308)
       611588.00   4089461.65        7.57302  (18113016)               609588.00
4089561.65       11.61491c (17032608)
       609688.00   4089561.65       11.63644  (16090224)               609788.00
4089561.65       14.28224  (16090224)
       609888.00   4089561.65       10.97694  (18120608)               609988.00
4089561.65       12.84059  (18120608)
       611188.00   4089561.65       13.84962  (15111616)               611288.00
4089561.65        7.38845  (17020216)
       611388.00   4089561.65        9.48846  (18113016)               611488.00
4089561.65       10.17156  (19092608)
       611588.00   4089561.65        8.64348  (19092608)               609588.00
4089661.65       11.29037  (19121624)
       609688.00   4089661.65       12.03830  (19121624)               609788.00
4089661.65       10.84208c (17032608)
       609888.00   4089661.65       10.47230c (17032608)               609988.00
4089661.65       10.62463  (17102316)
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*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
611188.00	4089661.65	9.43095	(18113016)	611288.00	4089661.65	12.46679	(18113016)
611388.00	4089661.65	11.94564	(19092608)	611488.00	4089661.65	8.97797	(19021016)
611588.00	4089661.65	8.50611	(19021016)	609588.00	4089761.65	26.35901c	(17072008)
609688.00	4089761.65	18.17621c	(17072008)	609788.00	4089761.65	11.29069	(18051724)
609888.00	4089761.65	12.05921	(18051724)	609988.00	4089761.65	11.31906	(18051724)
611188.00	4089761.65	16.52648	(19092608)	611288.00	4089761.65	13.79779	(19021016)
611388.00	4089761.65	12.73971	(19021016)	611488.00	4089761.65	11.04299	(19021016)
611588.00	4089761.65	9.39153	(19021016)	609588.00	4089861.65	17.25972m	(17062508)
609688.00	4089861.65	14.39323m	(17062508)	609788.00	4089861.65	13.32757	(16080424)
609888.00	4089861.65	14.43974	(16080424)	609988.00	4089861.65	16.72424	(16080424)
611188.00	4089861.65	19.21240	(19021016)	611288.00	4089861.65	16.03763	(19121416)
611388.00	4089861.65	15.91703	(19121416)	611488.00	4089861.65	13.62245	(19121416)
611588.00	4089861.65	11.25501	(15122316)	609588.00	4089961.65	17.18388m	(17062508)
609688.00	4089961.65	17.68944m	(17062508)	609788.00	4089961.65	16.78957m	(17062508)

609888.00 4089961.65 15.57057m (17062508) 609988.00
4089961.65 24.33202m (17062508)
611188.00 4089961.65 19.08485 (19092616) 611288.00
4089961.65 17.55440 (19092616)
611388.00 4089961.65 15.66458 (19092616) 611488.00
4089961.65 13.75698 (19092616)
611588.00 4089961.65 12.02182 (19092616) 609588.00
4090061.65 15.02599 (17053124)
609688.00 4090061.65 16.48405 (17053124) 609788.00
4090061.65 17.80025 (17053124)
609888.00 4090061.65 19.66871 (17053124) 609988.00
4090061.65 25.86704 (17053124)
611188.00 4090061.65 25.91733 (17021816) 611288.00
4090061.65 22.85275 (17021816)
611388.00 4090061.65 19.13583 (17021816) 611488.00
4090061.65 16.12571 (17021816)
611588.00 4090061.65 14.10173 (16040708) 609588.00
4090161.65 13.26369 (18071624)
609688.00 4090161.65 12.24332 (18071624) 609788.00
4090161.65 13.86211m (16040924)
609888.00 4090161.65 22.53787m (16040924) 609988.00
4090161.65 20.06446 (18040424)
611188.00 4090161.65 32.62373 (18062416) 611288.00
4090161.65 26.86869 (18062416)
611388.00 4090161.65 21.55800 (16042424) 611488.00
4090161.65 17.35418 (16042424)
611588.00 4090161.65 15.04070 (19052116) 609588.00
4090261.65 14.65507 (16070108)
609688.00 4090261.65 15.36741 (16070108) 609788.00
4090261.65 26.91589 (19091524)
609888.00 4090261.65 18.42263 (16070108) 609988.00
4090261.65 20.26371 (19053024)
611188.00 4090261.65 21.51360 (19051616) 611288.00
4090261.65 19.38615 (19051616)
611388.00 4090261.65 19.34839 (18062416) 611488.00
4090261.65 21.55869 (18062416)
611588.00 4090261.65 20.01287 (18062416) 609588.00
4090361.65 10.79566 (17062724)
609688.00 4090361.65 12.29730 (19053024) 609788.00
4090361.65 24.03574c (15092924)
609888.00 4090361.65 25.33764c (15092924) 609988.00
4090361.65 20.31164c (19030524)
611188.00 4090361.65 25.89395 (15122216) 611288.00
4090361.65 17.40107 (17091216)
611388.00 4090361.65 14.46839 (19051616) 611488.00
4090361.65 13.73037 (19051616)
611588.00 4090361.65 13.76015 (19081716) 609588.00
4090461.65 14.93437c (15092924)
609688.00 4090461.65 12.96425 (19053024) 609788.00
4090461.65 20.47960m (18093024)

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
611188.00	4090461.65	25.85146	(15052316)	611288.00	4090461.65	22.51004	(15122216)
611388.00	4090461.65	14.58623	(15122216)	611488.00	4090461.65	12.07829	(18070316)
611588.00	4090461.65	11.29163	(19060116)	609588.00	4090561.65	13.33201c	(19030524)
609688.00	4090561.65	20.32568	(19080608)	609788.00	4090561.65	20.88090	(19071608)
609888.00	4090561.65	21.67554m	(18062224)	609988.00	4090561.65	26.95137	(19070424)
611188.00	4090561.65	20.68350	(15042516)	611288.00	4090561.65	19.90378	(15052316)
611388.00	4090561.65	16.15946	(15122216)	611488.00	4090561.65	15.64959	(15122216)
611588.00	4090561.65	10.78099	(17091216)	609588.00	4090661.65	11.53535	(18102024)
609688.00	4090661.65	27.93421	(19071608)	609788.00	4090661.65	22.32906m	(18062224)
609888.00	4090661.65	31.30673	(19070424)	609988.00	4090661.65	26.01977	(19070424)
610088.00	4090661.65	23.95964	(18081024)	610188.00	4090661.65	23.88711	(16031308)
610288.00	4090661.65	29.14509	(19120624)	610388.00	4090661.65	12.07938	(19071024)
610488.00	4090661.65	15.02136	(17070116)	610588.00	4090661.65	21.84528	(19022616)

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       610688.00   4090661.65       25.48055  (15020824)               610788.00
4090661.65       39.47601  (16121016)
       610888.00   4090661.65       33.20955  (17020316)               610988.00
4090661.65       24.99593  (16101424)
       611088.00   4090661.65       20.30120  (17032116)               611188.00
4090661.65       17.86123  (16091216)
       611288.00   4090661.65       15.34716  (15042516)               611388.00
4090661.65       14.83619  (15052316)
       611488.00   4090661.65       12.82649  (15122216)               611588.00
4090661.65       14.31508  (15122216)
       609588.00   4090761.65       30.09701m (18062224)               609688.00
4090761.65       28.11062c (15061108)
       609788.00   4090761.65       31.10724  (19070424)               609888.00
4090761.65       22.73959  (19070424)
       609988.00   4090761.65       33.00053  (18081024)               610088.00
4090761.65       22.88520  (16031308)
       610188.00   4090761.65       20.92941  (19120624)               610288.00
4090761.65       17.81689  (19120624)
       610388.00   4090761.65       13.02492  (19072324)               610488.00
4090761.65       14.21759  (19022616)
       610588.00   4090761.65       17.22775  (19022616)               610688.00
4090761.65       22.84150  (15020824)
       610788.00   4090761.65       32.37316  (16121016)               610888.00
4090761.65       33.02938  (17020316)
       610988.00   4090761.65       19.40297  (17020608)               611088.00
4090761.65       20.89024  (16101424)
       611188.00   4090761.65       16.39784  (16032024)               611288.00
4090761.65       12.67688  (19011708)
       611388.00   4090761.65       12.04634  (15042516)               611488.00
4090761.65       13.00674  (15052316)
       611588.00   4090761.65       10.97985  (17011116)               609588.00
4090861.65       31.15894c (15061108)
       609688.00   4090861.65       29.00487  (19070424)               609788.00
4090861.65       23.13329  (18092808)
       609888.00   4090861.65       39.35700  (18081024)               609988.00
4090861.65       26.91854m (18072524)
       610088.00   4090861.65       24.15626  (16031308)               610188.00
4090861.65       19.32409  (19120624)
       610288.00   4090861.65       16.89199  (15100724)               610388.00
4090861.65       16.49465  (19072324)
       610488.00   4090861.65       15.34821  (19022616)               610588.00
4090861.65       14.35186  (17022024)
       610688.00   4090861.65       20.67547  (15020824)               610788.00
4090861.65       25.92091  (16121016)
       610888.00   4090861.65       27.85305  (17020316)               610988.00
4090861.65       20.18831  (17020608)
       611088.00   4090861.65       23.17936  (16101424)               611188.00
4090861.65       20.87851  (16032024)
       611288.00   4090861.65       11.83804  (16091216)               611388.00
4090861.65       10.42330  (19011708)
```

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
609788.00	4090961.65	44.18840	(18081024)	609888.00	4090961.65	30.52894m	(18072524)
609988.00	4090961.65	25.45979	(16031308)	610088.00	4090961.65	25.59905	(19081024)
610188.00	4090961.65	21.90657	(16082424)	610288.00	4090961.65	18.77580m	(16102124)
610388.00	4090961.65	16.35251	(17102724)	610488.00	4090961.65	20.59348	(15062524)
610588.00	4090961.65	13.81005	(17041308)	610688.00	4090961.65	18.13467	(19022608)
610788.00	4090961.65	24.33301c	(15101708)	610888.00	4090961.65	21.60252	(17020316)
610988.00	4090961.65	19.84230	(15042308)	611088.00	4090961.65	19.67206	(15052608)
611188.00	4090961.65	18.78008	(16080924)	611288.00	4090961.65	10.03853	(17032116)
611388.00	4090961.65	9.51232	(16091216)	611488.00	4090961.65	9.48510	(19011708)
611588.00	4090961.65	9.20525	(17052424)	609588.00	4091061.65	11.17319m	(15042924)
609688.00	4091061.65	18.61906	(18081024)	609788.00	4091061.65	30.68350m	(18072524)
609888.00	4091061.65	28.41784	(18081808)	609988.00	4091061.65	27.10067	(19090508)

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       610088.00   4091061.65       22.15553  (16082424)                610188.00
 4091061.65       20.04974b (17011008)
       610288.00   4091061.65       16.99292  (18030824)                610388.00
 4091061.65       16.08874  (18061508)
       610488.00   4091061.65       26.22333  (15062524)                610588.00
 4091061.65       18.56233  (18052324)
       610688.00   4091061.65       17.52823  (19022608)                610788.00
 4091061.65       26.23118c (15101708)
       610888.00   4091061.65       18.90535  (16121016)                610988.00
 4091061.65       19.79219  (16063024)
       611088.00   4091061.65       20.83239  (15052608)                611188.00
 4091061.65       19.42379  (16060424)
       611288.00   4091061.65        9.35643  (17032116)                611388.00
 4091061.65        8.21104  (19120716)
       611488.00   4091061.65        8.41478  (17091324)                611588.00
 4091061.65        8.47637  (17091324)
       610484.77   4089884.14       21.11877  (17102316)                610483.87
 4090384.64       50.25554  (19120624)
       610745.82   4090188.40       52.45682b (15082516)                610691.81
 4090101.98      433.80926  (19022616)
       610896.15   4089939.95       41.61640  (19021016)                610845.74
 4089863.43       58.73661  (15111616)
       610988.26   4089749.08       27.08489  (15111616)                611037.50
 4089683.43       24.40999  (15111616)
       610827.24   4089609.95       25.08189  (18122716)                610760.81
 4089685.77       29.49443  (16120216)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/23/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        17:37:46

                                   PAGE  32
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                                                *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
              **

                                                        DATE
                                          NETWORK
GROUP ID                           AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -

ALL      HIGH   1ST HIGH VALUE IS    1446.37284  ON 19121803: AT (  610691.81,
4090101.98,    33.91,    33.91,    0.00)  DC
```

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE	CONC OF TYPE	NETWORK GRID-ID	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)
ALL	HIGH 1ST HIGH VALUE IS	433.80926	ON	19022616:	AT (610691.81, 4090101.98, 33.91, 33.91, 0.00)
		DC			

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   1859 Warning Message(s)

```
 A Total of         1578 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          834 Calm Hours Identified

 A Total of          744 Missing Hours Identified (  1.70 Percent)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 RE W476      11      BLRECEP: # receptors within BL source (BLPGROUP)
0 (ALL   )
 ME W186      24       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187      24       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W733      24         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015010124
 CN W471      28         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010204
 CN W471      32         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010208
 CN W733      32         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015010208
 CN W471      33         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010209
 CN W471      57         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010309
 CN W471      90         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010418
 CN W733     216         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015010924
 CN W471     225         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011009
 CN W471     271         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011207
 CN W471     273         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011209
 CN W471     296         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011308
 CN W471     298         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011310
 CN W471     322         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011410
 CN W471     359         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011523
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 CN W471     452         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011920
 CN W471     475         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012019
 CN W471     528         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012224
 CN W471     529         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012301
 CN W471     536         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012308
 CN W471     582         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012506
 CN W471     643         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012719
 CN W471     656         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012808
 CN W471     682         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012910
 CN W471     737         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15013117
 CN W471     797         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15020305
 CN W471     825         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15020409
 CN W471     913         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15020801
 CN W471     991         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021107
 CN W471     992         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021108
 CN W471    1008         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021124
 CN W471    1075         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021419
 CN W471    1076         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021420
 CN W471    1082         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021502
 CN W471    1089         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021509
 CN W471    1100         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021520
 CN W471    1113         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021609
 CN W471    1131         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021703
 CN W471    1151         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021723
 CN W471    1152         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021724
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 CN W471    1153         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021801
 CN W471    1154         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021802
 CN W471    1160         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021808
 CN W471    1171         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021819
 CN W471    1180         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021904
 CN W471    1183         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021907
 CN W471    1186         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15021910
 CN W471    1201         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15022001
 CN W471    1202         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15022002
 CN W471    1224         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15022024
 CN W733    1256         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015022208
 CN W471    1376         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15022708
 CN W471    1448         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15030208
 CN W471    1449         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15030209
 CN W471    1507         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15030419
 CN W471    1541         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15030605
 CN W471    1580         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15030720
 CN W471    1610         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15030902
 CN W471    1635         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15031003
 CN W471    1637         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15031005
 CN W471    1638         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15031006
 CN W471    1641         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15031009
 CN W471    1730         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15031402
 CN W471    1785         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15031609
 CN W471    1822         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15031722
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 CN W471   1856   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15031908
 CN W471   1857   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15031909
 CN W471   1881   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15032009
 CN W471   1905   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15032109
 CN W471   2038   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15032622
 CN W471   2040   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15032624
 CN W471   2041   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15032701
 CN W471   2043   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15032703
 CN W471   2068   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15032804
 CN W471   2069   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15032805
 CN W471   2072   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15032808
 CN W471   2120   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15033008
 CN W471   2168   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15040108
 CN W471   2205   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15040221
 CN W471   2288   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15040608
 CN W471   2305   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15040701
 CN W471   2348   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15040820
 CN W471   2360   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15040908
 CN W471   2384   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15041008
 CN W471   2431   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15041207
 CN W471   2432   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15041208
 CN W471   2504   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15041508
 CN W471   2552   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15041708
 CN W471   2571   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15041803
 CN W471   2576   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15041808

 CN W471   2616   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15041924
 CN W471   2712   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15042324
 CN W471   2714   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15042402
 CN W471   2715   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15042403
 CN W471   2716   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15042404
 CN W471   2717   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15042405
 CN W471   2781   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15042621
 CN W471   2792   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15042708
 CN W471   2815   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15042807
 CN W733   2824   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015042816
 CN W733   2832   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015042824
 CN W733   2840   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015042908
 CN W733   2848   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015042916
 CN W471   2863   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15043007
 CN W471   2976   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15050424
 CN W471   2977   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15050501
 CN W471   3000   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15050524
 CN W471   3002   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15050602
 CN W471   3004   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15050604
 CN W471   3005   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15050605
 CN W471   3031   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15050707
 CN W471   3051   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15050803
 CN W471   3127   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15051107
 CN W471   3175   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15051307
 CN W471   3213   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15051421

 CN W471   3294   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15051806
 CN W471   3312   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15051824
 CN W471   3314   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15051902
 CN W471   3316   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15051904
 CN W471   3317   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15051905
 CN W471   3339   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15052003
 CN W471   3342   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15052006
 CN W471   3359   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15052023
 CN W471   3362   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15052102
 CN W471   3363   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15052103
 CN W471   3384   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15052124
 CN W471   3411   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15052303
 CN W471   3412   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15052304
 CN W471   3531   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15052803
 CN W471   3577   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15053001
 CN W471   3622   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15053122
 CN W471   3645   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15060121
 CN W733   3656   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015060208
 CN W471   3694   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15060322
 CN W471   3697   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15060401
 CN W471   3726   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15060506
 CN W471   3774   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15060706
 CN W471   3796   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15060804
 CN W471   3797   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15060805
 CN W471   3799   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15060807

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 CN W471    3886         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15061122
 CN W471    3887         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15061123
 CN W471    3895         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15061207
 CN W471    3896         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15061208
 CN W471    4034         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15061802
 CN W471    4062         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15061906
 CN W471    4079         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15061923
 CN W471    4086         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15062006
 CN W471    4134         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15062206
 CN W471    4200         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15062424
 CN W471    4207         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15062507
 CN W471    4223         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15062523
 CN W471    4320         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15062924
 CN W471    4327         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15063007
 CN W471    4346         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15070102
 CN W471    4350         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15070106
 CN W471    4351         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15070107
 CN W733    4448         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015070508
 CN W471    4493         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15070705
 CN W471    4558         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15070922
 CN W471    4562         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15071002
 CN W471    4563         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15071003
 CN W733    4784         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015071908
 CN W471    4876         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15072304
 CN W471    4904         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15072408
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 CN W471    4994         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15072802
 CN W471    4995         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15072803
 CN W471    4998         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15072806
 CN W471    4999         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15072807
 CN W471    5000         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15072808
 CN W471    5015         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15072823
 CN W471    5068         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15073104
 CN W733    5088         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015073124
 CN W733    5096         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015080108
 CN W733    5168         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015080408
 CN W733    5176         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015080416
 CN W471    5285         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15080905
 CN W471    5309         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15081005
 CN W733    5360         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015081208
 CN W471    5450         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15081602
 CN W733    5456         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015081608
 CN W471    5469         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15081621
 CN W471    5470         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15081622
 CN W471    5471         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15081623
 CN W471    5473         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15081701
 CN W471    5474         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15081702
 CN W471    5597         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082205
 CN W471    5598         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082206
 CN W471    5646         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082406
 CN W471    5647         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082407
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 CN W733    5672         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015082508
 CN W471    5693         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082605
 CN W471    5695         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082607
 CN W471    5719         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082707
 CN W471    5743         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082807
 CN W471    5744         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082808
 CN W471    5766         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15082906
 CN W471    5792         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15083008
 CN W471    5839         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15090107
 CN W733    5864         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015090208
 CN W471    5883         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15090303
 CN W471    5884         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15090304
 CN W733    6016         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015090816
 CN W471    6020         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15090820
 CN W471    6021         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15090821
 CN W471    6053         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091005
 CN W471    6056         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091008
 CN W471    6069         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091021
 CN W471    6071         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091023
 CN W471    6074         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091102
 CN W471    6075         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091103
 CN W471    6076         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091104
 CN W471    6126         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091306
 CN W471    6127         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091307
 CN W471    6128         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091308
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 CN W471   6145   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091401
 CN W471   6147   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091403
 CN W471   6149   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091405
 CN W471   6213   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091621
 CN W471   6238   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091722
 CN W471   6248   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091808
 CN W733   6264   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015091824
 CN W471   6271   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091907
 CN W471   6272   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091908
 CN W471   6273   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15091909
 CN W471   6308   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15092020
 CN W471   6366   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15092306
 CN W471   6429   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15092521
 CN W471   6440   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15092608
 CN W471   6460   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15092704
 CN W471   6464   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15092708
 CN W471   6479   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15092723
 CN W733   6520   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015092916
 CN W471   6584   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15100208
 CN W471   6692   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15100620
 CN W471   6729   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15100809
 CN W471   6742   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15100822
 CN W471   6745   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15100901
 CN W471   6746   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15100902
 CN W471   6813   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101121

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 CN W471    6816         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101124
 CN W471    6817         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101201
 CN W471    6818         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101202
 CN W471    6824         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101208
 CN W471    6837         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101221
 CN W471    6838         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101222
 CN W471    6860         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101320
 CN W471    6913         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101601
 CN W471    6960         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101724
 CN W733    6960         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015101724
 CN W471    6961         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15101801
 CN W471    7064         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15102208
 CN W471    7087         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15102307
 CN W471    7100         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15102320
 CN W471    7198         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15102722
 CN W471    7203         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15102803
 CN W471    7204         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15102804
 CN W471    7209         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15102809
 CN W471    7257         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15103009
 CN W471    7320         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15110124
 CN W471    7323         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15110203
 CN W471    7487         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15110823
 CN W471    7544         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15111108
 CN W471    7554         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15111118
 CN W471    7569         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15111209
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 CN W471    7589         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15111305
 CN W471    7593         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15111309
 CN W471    7734         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15111906
 CN W471    7737         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15111909
 CN W733    7760         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015112008
 CN W471    7772         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15112020
 CN W733    7776         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015112024
 CN W471    7805         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15112205
 CN W733    7816         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015112216
 CN W471    7843         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15112319
 CN W471    7856         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15112408
 CN W471    7928         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15112708
 CN W471    7929         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15112709
 CN W471    7967         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15112823
 CN W471    7968         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15112824
 CN W733    7968         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015112824
 CN W471    8006         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15113014
 CN W471    8008         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15113016
 CN W471    8010         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15113018
 CN W471    8096         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15120408
 CN W471    8097         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15120409
 CN W471    8115         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15120503
 CN W733    8144         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015120608
 CN W471    8179         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15120719
 CN W471    8194         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15120810
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 CN W471    8195         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15120811
 CN W471    8196         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15120812
 CN W471    8202         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15120818
 CN W471    8227         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15120919
 CN W471    8253         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15121021
 CN W471    8382         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15121606
 CN W471    8409         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15121709
 CN W471    8430         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15121806
 CN W471    8454         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15121906
 CN W471    8455         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15121907
 CN W471    8457         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15121909
 CN W471    8480         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122008
 CN W471    8482         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122010
 CN W471    8501         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122105
 CN W471    8602         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122510
 CN W471    8626         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122610
 CN W471    8662         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122722
 CN W471    8663         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122723
 CN W471    8671         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122807
 CN W471    8682         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122818
 CN W471    8697         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15122909
 CN W471    8721         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15123009
 CN W471    8745         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15123109
 CN W733    8760         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2015123124
 CN W471    8779         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010119
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 CN W471    8786         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010202
 CN W471    8787         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010203
 CN W471    8788         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010204
 CN W471    8789         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010205
 CN W471    8792         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010208
 CN W471    8793         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010209
 CN W471    8839         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010407
 CN W733    8912         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016010708
 CN W471    8921         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010717
 CN W471    8937         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010809
 CN W471    8946         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16010818
 CN W471    9008         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16011108
 CN W733    9016         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011116
 CN W733    9024         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011124
 CN W471    9050         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16011302
 CN W471    9055         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16011307
 CN W471    9138         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16011618
 CN W471    9145         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16011701
 CN W733    9152         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011708
 CN W733    9176         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016011808
 CN W471    9192         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16011824
 CN W471    9217         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16012001
 CN W471    9223         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16012007
 CN W471    9225         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16012009
 CN W471    9307         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16012319
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 CN W471    9433         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16012901
 CN W471    9437         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16012905
 CN W471    9477         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16013021
 CN W471    9487         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16013107
 CN W471    9533         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16020205
 CN W471    9537         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16020209
 CN W733    9544         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020216
 CN W733    9616         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016020516
 CN W471    9668         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16020720
 CN W471    9703         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16020907
 CN W471    9705         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16020909
 CN W471    9706         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16020910
 CN W471    9738         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021018
 CN W471    9739         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021019
 CN W471    9767         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021123
 CN W471    9769         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021201
 CN W471    9776         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021208
 CN W471    9777         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021209
 CN W471    9849         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021509
 CN W471    9850         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021510
 CN W471    9858         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021518
 CN W471    9943         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16021907
 CN W471    9965         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022005
 CN W471    9969         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022009
 CN W471    9979         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022019
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 CN W471   9990   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022106
 CN W471   10041   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022309
 CN W471   10042   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022310
 CN W471   10065   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022409
 CN W471   10089   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022509
 CN W471   10134   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022706
 CN W471   10148   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16022720
 CN W471   10208   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16030108
 CN W471   10232   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16030208
 CN W471   10247   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16030223
 CN W471   10273   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16030401
 CN W471   10294   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16030422
 CN W471   10394   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16030902
 CN W471   10413   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16030921
 CN W471   10414   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16030922
 CN W471   10568   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16031608
 CN W733   10624   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016031816
 CN W471   10626   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16031818
 CN W471   10655   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16031923
 CN W471   10656   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16031924
 CN W471   10665   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16032009
 CN W471   10713   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16032209
 CN W471   10736   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16032308
 CN W471   10760   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16032408
 CN W471   10904   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16033008

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 CN W471   10949         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16040105
 CN W733   10976         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040208
 CN W471   10994         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16040302
 CN W471   11024         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16040408
 CN W471   11048         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16040508
 CN W471   11049         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16040509
 CN W471   11085         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16040621
 CN W471   11109         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16040721
 CN W471   11110         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16040722
 CN W471   11111         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16040723
 CN W733   11152         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016040916
 CN W471   11182         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041022
 CN W471   11183         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041023
 CN W471   11187         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041103
 CN W471   11189         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041105
 CN W471   11190         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041106
 CN W471   11210         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041202
 CN W471   11213         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041205
 CN W471   11259         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041403
 CN W471   11360         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041808
 CN W471   11397         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16041921
 CN W471   11408         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16042008
 CN W471   11422         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16042022
 CN W471   11423         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16042023
 CN W471   11432         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16042108
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 CN W471   11528         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16042508
 CN W471   11686         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16050122
 CN W471   11711         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16050223
 CN W471   11716         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16050304
 CN W471   11767         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16050507
 CN W471   11790         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16050606
 CN W471   11807         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16050623
 CN W471   11809         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16050701
 CN W471   11815         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16050707
 CN W733   11848         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016050816
 CN W471   11855         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16050823
 CN W471   11888         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16051008
 CN W471   11957         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16051305
 CN W471   12000         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16051424
 CN W471   12001         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16051501
 CN W471   12029         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16051605
 CN W733   12056         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051708
 CN W733   12072         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051724
 CN W733   12080         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051808
 CN W733   12112         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016051916
 CN W471   12216         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052324
 CN W471   12245         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052505
 CN W471   12264         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052524
 CN W471   12267         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052603
 CN W471   12268         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052604
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 CN W471   12269         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052605
 CN W471   12289         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052701
 CN W471   12319         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052807
 CN W471   12335         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052823
 CN W471   12337         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052901
 CN W471   12340         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16052904
 CN W471   12384         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16053024
 CN W471   12385         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16053101
 CN W471   12386         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16053102
 CN W471   12389         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16053105
 CN W471   12409         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060101
 CN W733   12448         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060216
 CN W471   12453         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060221
 CN W471   12454         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060222
 CN W471   12455         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060223
 CN W733   12456         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016060224
 CN W471   12458         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060302
 CN W471   12459         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060303
 CN W471   12461         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060305
 CN W471   12463         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060307
 CN W471   12478         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060322
 CN W471   12479         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16060323
 CN W471   12723         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16061403
 CN W471   12790         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16061622
 CN W471   12848         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16061908
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 CN W471   12871   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062007
 CN W733   12872   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062008
 CN W471   12888   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062024
 CN W471   12895   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062107
 CN W471   12916   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062204
 CN W733   12928   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062216
 CN W733   12936   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062224
 CN W471   12943   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062307
 CN W471   12967   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062407
 CN W471   12985   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062501
 CN W733   13000   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062516
 CN W733   13008   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062524
 CN W471   13012   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062604
 CN W471   13014   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062606
 CN W733   13024   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062616
 CN W471   13032   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062624
 CN W733   13032   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016062624
 CN W471   13038   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062706
 CN W471   13058   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062802
 CN W471   13059   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062803
 CN W471   13060   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062804
 CN W471   13061   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062805
 CN W471   13062   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062806
 CN W471   13080   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062824
 CN W471   13081   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16062901

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 CN W733   13184         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070308
 CN W733   13192         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070316
 CN W733   13256         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070608
 CN W471   13303         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16070807
 CN W471   13320         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16070824
 CN W471   13321         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16070901
 CN W471   13322         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16070902
 CN W471   13324         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16070904
 CN W471   13325         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16070905
 CN W471   13327         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16070907
 CN W733   13344         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016070924
 CN W733   13352         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071008
 CN W733   13520         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016071708
 CN W471   13544         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16071808
 CN W471   13567         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16071907
 CN W471   13591         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072007
 CN W471   13611         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072103
 CN W471   13615         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072107
 CN W471   13616         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072108
 CN W471   13655         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072223
 CN W471   13658         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072302
 CN W471   13661         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072305
 CN W471   13679         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072323
 CN W733   13696         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016072416
 CN W471   13730         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072602
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 CN W471   13731         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072603
 CN W471   13732         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072604
 CN W471   13733         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072605
 CN W471   13736         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072608
 CN W471   13751         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072623
 CN W471   13752         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072624
 CN W471   13753         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072701
 CN W471   13758         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072706
 CN W471   13759         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072707
 CN W471   13760         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072708
 CN W471   13779         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072803
 CN W471   13823         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16072923
 CN W471   13829         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16073005
 CN W733   13840         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016073016
 CN W471   13972         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16080504
 CN W471   14140         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16081204
 CN W471   14141         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16081205
 CN W471   14161         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16081301
 CN W471   14168         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16081308
 CN W471   14187         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16081403
 CN W471   14188         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16081404
 CN W471   14254         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16081622
 CN W471   14288         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16081808
 CN W471   14378         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082202
 CN W471   14425         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082401
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 CN W471   14452         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082504
 CN W471   14453         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082505
 CN W471   14478         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082606
 CN W471   14517         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082721
 CN W471   14521         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082801
 CN W471   14522         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082802
 CN W471   14540         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082820
 CN W471   14551         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082907
 CN W471   14552         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16082908
 CN W471   14741         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090605
 CN W471   14744         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090608
 CN W471   14757         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090621
 CN W471   14761         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090701
 CN W471   14762         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090702
 CN W471   14763         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090703
 CN W471   14766         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090706
 CN W471   14805         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090821
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on 16090906
 CN W471   14815         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090907
 CN W471   14832         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16090924
 CN W733   14848         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016091016
 CN W733   14864         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016091108
 CN W471   14960         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091508
 CN W471   14977         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091601
 CN W471   14978         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091602
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 CN W471   14979   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091603
 CN W471   14984   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091608
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on 16091621
 CN W471   15000   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091624
 CN W471   15001   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091701
 CN W471   15004   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091704
 CN W471   15024   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091724
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on 16091801
 CN W471   15026   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091802
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on 16091803
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on 16091805
 CN W471   15030   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091806
 CN W471   15047   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16091823
 CN W471   15079   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16092007
 CN W471   15096   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16092024
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on 16092308
 CN W471   15200   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16092508
 CN W471   15262   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16092722
 CN W471   15263   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16092723
 CN W471   15265   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16092801
 CN W471   15271   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16092807
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2016092924
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on 16100208
 CN W471   15440   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16100508
 CN W471   15487   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16100707

 CN W471   15488   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16100708
 CN W733   15520   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016100816
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on 16100820
 CN W471   15537   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16100909
 CN W471   15549   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16100921
 CN W471   15550   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16100922
 CN W471   15557   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101005
 CN W471   15558   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101006
 CN W471   15582   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101106
 CN W471   15595   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101119
 CN W471   15598   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101122
 CN W471   15602   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101202
 CN W471   15620   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101220
 CN W471   15653   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101405
 CN W471   15654   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101406
 CN W471   15655   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101407
 CN W471   15678   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101506
 CN W471   15679   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16101507
 CN W471   15812   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16102020
 CN W471   15824   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16102108
 CN W733   15840   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016102124
 CN W733   15848   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016102208
 CN W733   15856   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016102216
 CN W471   15918   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16102506
 CN W471   15934   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16102522

 CN W471   15989   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16102805
 CN W471   16012   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16102904
 CN W471   16013   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16102905
 CN W471   16158   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110406
 CN W471   16209   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110609
 CN W471   16219   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110619
 CN W471   16220   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110620
 CN W471   16225   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110701
 CN W471   16230   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110706
 CN W471   16232   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110708
 CN W471   16241   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110717
 CN W471   16253   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110805
 CN W471   16267   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16110819
 CN W471   16316   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16111020
 CN W471   16319   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16111023
 CN W471   16377   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16111309
 CN W471   16392   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16111324
 CN W471   16472   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16111708
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on 16111709
 CN W471   16560   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16112024
 CN W471   16569   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16112109
 CN W471   16602   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16112218
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on 16112509

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on 16112604
 CN W471   16704   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16112624
 CN W471   16762   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16112910
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on 16113011
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on 16120309
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on 16120310
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on 16120409
 CN W471   16890   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16120418
 CN W471   16903   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16120507
 CN W471   16969   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16120801
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on 16120807
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on 16120809
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on 16120813
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on 16120819
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on 16120824
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on 16120906
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on 16120907
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on 16120911
 CN W471   17009   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16120917
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on 16121001
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on 16121002
 CN W471   17019   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121003
 CN W471   17039   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121023
 CN W471   17044   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121104
 CN W471   17045   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121105

 CN W471   17048   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121108
 CN W471   17057   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121117
 CN W471   17058   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121118
 CN W733   17064   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016121124
 CN W733   17072   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016121208
 CN W471   17076   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121212
 CN W471   17099   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121311
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on 16121324
 CN W471   17114   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121402
 CN W471   17115   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121403
 CN W471   17118   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121406
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on 16121407
 CN W471   17151   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121515
 CN W471   17152   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16121516
 CN W733   17256   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016121924
 CN W471   17314   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16122210
 CN W471   17384   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16122508
 CN W471   17393   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16122517
 CN W471   17458   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16122810
 CN W471   17499   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 16123003
 CN W733   17544   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2016123124
 CN W471   17554   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17010110
 CN W471   17642   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17010502
 CN W471   17660   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17010520
 CN W733   17704   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017010716

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 CN W733   17864         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017011408
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on 17011520
 CN W471   17997         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17011921
 CN W471   17998         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17011922
 CN W471   18023         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17012023
 CN W471   18079         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17012307
 CN W471   18105         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17012409
 CN W471   18130         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17012510
 CN W471   18149         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17012605
 CN W471   18210         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17012818
 CN W471   18220         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17012904
 CN W471   18337         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17020301
 CN W471   18368         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17020408
 CN W471   18383         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17020423
 CN W733   18400         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017020516
 CN W471   18456         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17020724
 CN W471   18558         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17021206
 CN W471   18585         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17021309
 CN W471   18637         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17021513
 CN W471   18848         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17022408
 CN W471   18916         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17022704
 CN W471   18921         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17022709
 CN W471   19003         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17030219
 CN W471   19012         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17030304
 CN W733   19048         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017030416
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 CN W471   19112         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17030708
 CN W471   19123         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17030719
 CN W471   19124         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17030720
 CN W471   19160         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17030908
 CN W471   19174         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17030922
 CN W733   19184         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017031008
 CN W733   19192         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017031016
 CN W471   19208         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031108
 CN W471   19209         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031109
 CN W471   19232         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031208
 CN W471   19255         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031307
 CN W471   19256         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031308
 CN W733   19272         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017031324
 CN W733   19280         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017031408
 CN W471   19294         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031422
 CN W471   19295         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031423
 CN W471   19300         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031504
 CN W471   19323         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031603
 CN W471   19352         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031708
 CN W471   19377         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031809
 CN W471   19378         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031810
 CN W471   19388         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031820
 CN W471   19389         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031821
 CN W471   19395         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17031903
 CN W733   19496         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017032308
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 CN W733   19528   AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017032416
 CN W471   19538   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17032502
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on 17032504
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2017032608
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on 17040308
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on 17040522
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on 17040616
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on 17041203
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on 17041507
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on 17041508
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on 17041708

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on 17050108
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on 17050207
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on 17051408

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on 17052101
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on 17061607
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2017082124
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 CN W471   23263         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17082707
 CN W471   23282         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17082802
```

 CN W471   23285   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17082805
 CN W471   23287   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17082807
 CN W471   23288   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17082808
 CN W471   23325   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17082921
 CN W471   23327   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17082923
 CN W471   23332   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17083004
 CN W471   23333   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17083005
 CN W471   23334   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17083006
 CN W471   23357   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17083105
 CN W471   23358   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17083106
 CN W471   23359   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17083107
 CN W471   23372   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17083120
 CN W471   23373   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17083121
 CN W471   23452   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17090404
 CN W471   23495   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17090523
 CN W471   23545   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17090801
 CN W471   23550   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17090806
 CN W471   23592   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17090924
 CN W471   23594   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17091002
 CN W471   23613   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17091021
 CN W471   23830   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17091922
 CN W471   23840   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17092008
 CN W471   23912   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17092308
 CN W471   23936   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17092408
 CN W471   23959   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17092507

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 CN W471   23960         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17092508
 CN W471   24032         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17092808
 CN W471   24054         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17092906
 CN W733   24088         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017093016
 CN W471   24093         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17093021
 CN W471   24331         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17101019
 CN W471   24334         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17101022
 CN W471   24344         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17101108
 CN W471   24368         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17101208
 CN W733   24424         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017101416
 CN W733   24448         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017101516
 CN W471   24475         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17101619
 CN W733   24512         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017101808
 CN W733   24520         AVER: 8-hr avg, < 6 hours of data, calms policy used.
2017101816
 CN W471   24527         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17101823
 CN W471   24548         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17101920
 CN W471   24608         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102208
 CN W471   24680         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102508
 CN W471   24681         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102509
 CN W471   24715         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102619
 CN W471   24716         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102620
 CN W471   24717         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102621
 CN W471   24728         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102708
 CN W471   24741         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102721
 CN W471   24743         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102723
```

```
 CN W471   24744         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102724
 CN W471   24746         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102802
 CN W471   24747         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102803
 CN W471   24751         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102807
 CN W471   24752         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17102808
 CN W471   24796         CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 17103004
 More Than 999 Warning Messages Found.  See ERRORFIL Output for the Remainder.

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

AERMOD Distance Calculation Outputs

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 13.0.0
** Lakes Environmental Software Inc.
** Date: 2/25/2026
** File: C:\Lakes\AERMOD View\Seahawk BESS Operation_Distance\Seahawk BESS
Operation.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Seahawk BESS Operation\Seahawk BESS Operation.i
   TITLETWO Seahawk BESS Distance Calculation
   MODELOPT CONC
   AVERTIME 1
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "Seahawk BESS Operation.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION BLINE3       BUOYLINE   610711.079  4090031.223   610714.905
4090035.919       32.630
** Source Parameters **
   SRCPARAM BLINE3             1.0     2.896
   BLPINPUT      6.058     2.896     2.462     1.000     1.500    42.628
   BLPGROUP ALL

** Variable Emissions Type: "By Wind Speed (WSPEED)"
** Variable Emission Scenario: "0-2.7 m/s"
   EMISFACT BLINE3       WSPEED 1.0 1.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
```

```
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "Seahawk BESS Operation.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.sfc
   PROFFILE KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.PFL
   SURFDATA 23277 2015
   UAIRDATA 23230 2015 OAKLAND/WSO_AP
   PROFBASE 48.8 METERS
   WINDCATS 1.00 2.70 5.14 8.23 10.80
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "SEAHAWK BESS OPERATION.AD\01H1GALL.PLT" 31
   SUMMFILE "Seahawk BESS Operation.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
```

```
 RE W476      11      BLRECEP: # receptors within BL source (BLPGROUP)
0 (ALL   )
 ME W186      25       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187      25       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/25/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                        ***        09:28:26

                                   PAGE   1
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                                            ***     MODEL SETUP OPTIONS SUMMARY
  ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -

 ** Model Options Selected:
      * Model Allows User-Specified Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses RURAL Dispersion Only.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Assumes No FLAGPOLE Receptor Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR

 **This Run Includes:      1 Source(s);       1 Source Group(s); and      73
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
```

```
                and:      0 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      1 BUOYANT LINE source(s) with a total of     1 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  21112

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing
Hours
                                                                 b for Both Calm
and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    48.80 ;  Decay
Coef. =    0.000     ;  Rot. Angle =     0.0
                 Emission Units = GRAMS/SEC                                 ;
Emission Rate Unit Factor =   0.10000E+07
                 Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.5 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Seahawk BESS Operation.err

 **File for Summary of Results:   Seahawk BESS Operation.sum

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/25/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        09:28:26

                                  PAGE   2
```

*** BUOYANT LINE SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	FIRST COORD X (METERS)	FIRST COORD Y (METERS)	SECOND COORD X (METERS)	SECOND COORD Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
BLINE3	0	0.10000E+01	610711.1	4090031.2	610714.9	4090035.9	32.6	2.90	NO	WSPEED

BL GRP	AVG BLDG LENGTH (METERS)	AVG BLDG HEIGHT (METERS)	AVG BLDG WIDTH (METERS)	AVG LINE WIDTH (METERS)	AVG SEPARATION BETWEEN LINES (METERS)	AVG BUOYANCY PARAMETER (METER**4/SEC**3)
ALL	6.1	2.9	2.5	1.0	1.5	42.6

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	BLINE3 ,

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

* SOURCE EMISSION RATE SCALARS WHICH VARY WITH WIND SPEED
*

- - - -

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** NETWORK ID: UPOL1 ; NETWORK TYPE: GRIDPOLR ***

* ELEVATION HEIGHTS IN METERS *

DIRECTION (DEGREES)	DISTANCE (METERS) 10.00	20.00
360.00	32.80	33.00
10.00	32.80	33.00
20.00	32.80	33.00
30.00	32.80	33.00
40.00	32.80	33.00
50.00	32.80	32.90
60.00	32.70	32.90
70.00	32.70	32.80
80.00	32.70	32.80
90.00	32.60	32.70
100.00	32.60	32.70
110.00	32.60	32.60
120.00	32.60	32.50
130.00	32.50	32.50
140.00	32.50	32.40
150.00	32.50	32.30
160.00	32.40	32.30
170.00	32.40	32.20
180.00	32.40	32.30
190.00	32.40	32.30
200.00	32.40	32.40
210.00	32.40	32.50
220.00	32.50	32.60
230.00	32.50	32.60
240.00	32.60	32.60
250.00	32.60	32.60
260.00	32.60	32.70
270.00	32.70	32.70
280.00	32.70	32.70
290.00	32.70	32.80
300.00	32.70	32.80
310.00	32.80	32.80

      360.00 | 32.80   33.00
       10.00 | 32.80   33.00
       20.00 | 32.80   33.00
       30.00 | 32.80   33.00
       40.00 | 32.80   33.00
       50.00 | 32.80   32.90
       60.00 | 32.70   32.90
       70.00 | 32.70   32.80
       80.00 | 32.70   32.80
       90.00 | 32.60   32.70
      100.00 | 32.60   32.70
      110.00 | 32.60   32.60
      120.00 | 32.60   32.50
      130.00 | 32.50   32.50
      140.00 | 32.50   32.40
      150.00 | 32.50   32.30
      160.00 | 32.40   32.30
      170.00 | 32.40   32.20
      180.00 | 32.40   32.30
      190.00 | 32.40   32.30
      200.00 | 32.40   32.40
      210.00 | 32.40   32.50
      220.00 | 32.50   32.60
      230.00 | 32.50   32.60
      240.00 | 32.60   32.60
      250.00 | 32.60   32.60
      260.00 | 32.60   32.70
      270.00 | 32.70   32.70

```
      280.00 |         32.70        32.70
      290.00 |         32.70        32.80
      300.00 |         32.70        32.80
      310.00 |         32.80        32.80
      320.00 |         32.80        32.90
      330.00 |         32.80        32.90
      340.00 |         32.80        33.00
      350.00 |         32.80        33.00
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/25/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***        09:28:26

                                    PAGE   8
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                                          *** DISCRETE CARTESIAN RECEPTORS ***
                                        (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                    (METERS)

     ( 610788.0, 4090061.6,      33.2,      33.2,       0.0);

 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/25/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                         ***        09:28:26

                                    PAGE   9
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                                         *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                          (1=YES; 0=NO)

            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.00, 2.70, 5.14, 8.23, 10.80,

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.sfc
Met Version: 21112
Profile file: KWVI_745058_23277\KWVI_745058_23277\745058_2015-2019_AdjU.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 23277 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2015 Year: 2015

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
15	01	01	1	01	-6.1	0.100	-9.000	-9.000	-999.	76.	14.8	0.03	0.83	1.00	1.65	348.	10.0	275.4	2.0
15	01	01	1	02	-15.8	0.163	-9.000	-9.000	-999.	158.	29.1	0.02	0.83	1.00	2.67	319.	10.0	274.9	2.0
15	01	01	1	03	-3.7	0.078	-9.000	-9.000	-999.	55.	11.6	0.02	0.83	1.00	1.30	328.	10.0	274.9	2.0
15	01	01	1	04	-5.3	0.093	-9.000	-9.000	-999.	68.	13.8	0.03	0.83	1.00	1.54	345.	10.0	274.2	2.0
15	01	01	1	05	-4.7	0.088	-9.000	-9.000	-999.	62.	13.0	0.03	0.83	1.00	1.45	346.	10.0	273.1	2.0

```
 15 01 01   1 06   -6.2  0.101 -9.000 -9.000 -999.   77.     14.9  0.03   0.83
1.00    1.67  344.   10.0  273.1    2.0
 15 01 01   1 07   -2.6  0.068 -9.000 -9.000 -999.   42.     10.7  0.02   0.83
1.00    1.08   75.   10.0  273.1    2.0
 15 01 01   1 08   -3.1  0.071 -9.000 -9.000 -999.   46.     10.7  0.02   0.83
0.72    1.21  294.   10.0  273.1    2.0
 15 01 01   1 09   -0.1  0.066 -9.000 -9.000 -999.   41.    488.4  0.02   0.83
0.38    1.06  280.   10.0  277.0    2.0
 15 01 01   1 10   44.4  0.168  0.765  0.010  366.  165.     -9.7  0.02   0.83
0.26    2.08  118.   10.0  280.4    2.0
 15 01 01   1 11   78.4  0.181  0.951  0.009  397.  185.     -6.9  0.03   0.83
0.22    2.08  130.   10.0  283.8    2.0
 15 01 01   1 12   97.7  0.248  1.054  0.007  433.  296.    -14.1  0.02   0.83
0.20    3.18   90.   10.0  286.4    2.0
 15 01 01   1 13  100.7  0.163  1.128  0.006  516.  160.     -3.9  0.02   0.83
0.20    1.81  114.   10.0  287.0    2.0
 15 01 01   1 14   87.8  0.152  1.099  0.005  546.  142.     -3.6  0.03   0.83
0.21    1.60  141.   10.0  287.5    2.0
 15 01 01   1 15   59.1  0.212  0.974  0.005  564.  234.    -14.6  0.02   0.83
0.24    2.89  190.   10.0  286.4    2.0
 15 01 01   1 16   17.8  0.195  0.655  0.005  570.  207.    -37.6  0.02   0.83
0.32    2.74  232.   10.0  285.9    2.0
 15 01 01   1 17   -3.0  0.073 -9.000 -9.000 -999.   60.     11.8  0.02   0.83
0.55    1.28  256.   10.0  284.9    2.0
 15 01 01   1 18   -2.8  0.069 -9.000 -9.000 -999.   44.     10.6  0.02   0.83
1.00    1.16  297.   10.0  281.4    2.0
 15 01 01   1 19  -12.1  0.143 -9.000 -9.000 -999.  129.     22.4  0.02   0.83
1.00    2.36  314.   10.0  280.4    2.0
 15 01 01   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  279.2    2.0
 15 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  278.8    2.0
 15 01 01   1 22   -6.6  0.104 -9.000 -9.000 -999.   80.     15.3  0.02   0.83
1.00    1.76  302.   10.0  277.5    2.0
 15 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  276.4    2.0
 15 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   0.83
1.00    0.00    0.   10.0  275.4    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 15 01 01 01   10.0 1  348.    1.65   275.4   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/25/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***       09:28:26
```

*** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): BLINE3 ,

*** NETWORK ID: UPOL1 ; NETWORK TYPE: GRIDPOLR ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

DIRECTION (DEGREES)	DISTANCE (METERS) 10.00	20.00
360.0	13747.22612 (15041621)	6789.39250 (15101219)
10.0	15910.79860 (15081521)	6041.05578 (18081019)
20.0	13996.09305 (15111608)	1968.10389 (15070611)
30.0	6372.44369 (19012910)	1127.06428 (15043013)
40.0	4044.53719 (18122511)	631.09970 (18110214)
50.0	7222.65837 (15090307)	1159.61377 (18110814)
60.0	13858.11034 (16102919)	2311.39527 (18010908)
70.0	15029.69166 (17041707)	6076.82192 (19051906)
80.0	13042.22025 (15031418)	6117.08318 (16090802)
90.0	10845.71644 (19112217)	5638.27211 (19051602)
100.0	9636.88690 (15082723)	5214.33781 (19042719)
110.0	8731.04418 (17090101)	4792.54519 (16012120)
120.0	8626.05219 (15021319)	4344.69279 (18022802)
130.0	8298.17705 (19102324)	4306.60931 (16112521)
140.0	8380.50484 (19092422)	4068.40193 (15103003)
150.0	8432.06644 (17020203)	3911.03968 (19021824)
160.0	8164.57255 (17120317)	3827.33748 (19012117)
170.0	8224.62823 (17120321)	3410.77217 (17022718)
180.0	5989.07533 (19011407)	2671.51290 (19011407)
190.0	2787.26039 (15022816)	1056.60468 (18011216)
200.0	1824.18714 (15110410)	670.83307 (15110410)
210.0	1225.88559 (18022311)	450.69422 (18022311)
220.0	900.18692 (15021313)	301.71880 (18040914)
230.0	1450.01925 (16021011)	566.42009 (15021313)
240.0	2096.32128 (15012216)	851.95710 (17021413)
250.0	3686.34425 (16052421)	1432.73241 (17042518)
260.0	7256.99358 (17091106)	3804.04877 (15072101)
270.0	9334.11067 (19090820)	4426.55163 (17080623)
280.0	9246.61863 (18060922)	4589.35291 (19120321)
290.0	9168.47096 (15081022)	4851.06088 (18083120)
300.0	9079.15841 (19082202)	4785.50087 (19011318)
310.0	9389.73430 (17061522)	4870.83097 (18083020)

```
     320.0 |   9358.64239 (15102120)   5169.06548 (16100119)
     330.0 |   9624.31902 (18100618)   5421.09759 (17093018)
     340.0 |  10655.81633 (17093020)   6015.23789 (15062920)
     350.0 |  12043.46085 (15110202)   6416.74397 (19080619)
⏧ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/25/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        09:28:26

                                  PAGE  12
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                 INCLUDING SOURCE(S):     BLINE3      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        610788.00   4090061.65      159.04769  (17122315)

⏧ *** AERMOD - VERSION 24142  ***   *** C:\Lakes\AERMOD View\Seahawk BESS
Operation\Seahawk BESS Operation.i ***        02/25/26
 *** AERMET - VERSION  21112 ***   *** Seahawk BESS Construction
                       ***        09:28:26

                                  PAGE  13
 *** MODELOPTs:    CONC  ELEV  RURAL  ADJ_U*  BUOYLINE

                                            *** THE SUMMARY OF HIGHEST  1-HR
RESULTS ***


                                   ** CONC OF PM_10    IN MICROGRAMS/M**3
               **

                                                    DATE
                                        NETWORK
GROUP ID                          AVERAGE CONC     (YYMMDDHH)             RECEPTOR
(XR, YR, ZELEV, ZHILL, ZFLAG)    OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

ALL   HIGH   1ST HIGH VALUE IS   15910.79860 ON 15081521: AT (610712.82,
4090041.07,   32.80,   32.80,   0.00) GP UPOL1

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: CONC ELEV RURAL ADJ_U* BUOYLINE

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   1613 Warning Message(s)
 A Total of   1578 Informational Message(s)

 A Total of   43824 Hours Were Processed

 A Total of   834 Calm Hours Identified

 A Total of   744 Missing Hours Identified (1.70 Percent)

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 RE W476   11   BLRECEP: # receptors within BL source (BLPGROUP)
0 (ALL   )
 ME W186   25   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
      0.50
 ME W187   25   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 CN W471   28   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010204
 CN W471   32   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010208
 CN W471   33   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010209
 CN W471   57   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010309

 CN W471   90   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15010418
 CN W471   225   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011009
 CN W471   271   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011207
 CN W471   273   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011209
 CN W471   296   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011308
 CN W471   298   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011310
 CN W471   322   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011410
 CN W471   359   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011523
 CN W471   452   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15011920
 CN W471   475   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012019
 CN W471   528   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012224
 CN W471   529   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012301
 CN W471   536   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
on 15012308
 CN W471   582   CALC: Met. ref hgt WS < 1.0 m/s; set to 1.0 for BL srcs
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on 15012719
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on 15012910
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on 15020305
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on 15020801
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on 15021107
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on 15021420
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on 18030807
 More Than 999 Warning Messages Found.  See ERRORFIL Output for the Remainder.

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
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Emission Calculations

Substance	CAS	Measured Vol. (%)	Sample Vol. Gas (L)	Gas Mol. Weight (g/mol)	Gas Density (kg/m3)	Gas Density (kg/L)	Mass per Total Cells Consumed			Mass per Cell				Modeling
							kg	lbs	lbs/hr	kg	lbs	lbs/hr		Modeling (g/sec)
Methane	74828	10.08%	22.30	16.04	0.667	0.000667	6.18E+01	1.363E+02	9.403E+00	1.49E-02	3.277E-02	2.260E-03		1.185E+00
Acetylene	74862	0.16%	0.36	26.04	1.082	0.001082	1.62E+00	3.573E+00	2.464E-01	3.90E-04	8.589E-04	5.924E-05		0.031048701
Ethylene	74851	5.26%	11.64	28.05	1.166	0.001166	5.64E+01	1.244E+02	8.583E+00	1.36E-02	2.992E-02	2.063E-03		1.081398579
Ethane	74840	1.09%	2.41	30.07	1.250	0.001250	1.25E+01	2.762E+01	1.905E+00	3.01E-03	6.640E-03	4.579E-04		0.240021651
Propene	115071	0.57%	1.26	42.08	1.749	0.001749	9.17E+00	2.021E+01	1.394E+00	2.20E-03	4.858E-03	3.350E-04		0.17560878
Propane	74986	0.23%	0.51	44.1	1.833	0.001833	3.89E+00	8.573E+00	5.912E-01	9.35E-04	2.061E-03	1.421E-04		0.074491842
Butane (C4 total)	NA	0.38%	0.85	58.12	2.415	0.002415	8.54E+00	1.883E+01	1.299E+00	2.05E-03	4.526E-03	3.122E-04		0.163623049
Pentane (C5 total)	NA	0.09%	0.20	72.15	2.999	0.002999	2.49E+00	5.500E+00	3.793E-01	6.00E-04	1.322E-03	9.118E-05		0.047793219
Hexane (C6 total)	NA	0.06%	0.13	86.18	3.582	0.003582	1.94E+00	4.270E+00	2.945E-01	4.66E-04	1.027E-03	7.079E-05		0.037106483
Heptene (C7 total)	NA	0.00%	0.01	98.19	4.081	0.004081	1.70E-01	3.743E-01	2.581E-02	4.08E-05	8.997E-05	6.205E-06		0.003252125
CO	630080	11.09%	24.53	28	1.164	0.001164	1.19E+02	2.618E+02	1.805E+01	2.85E-02	6.293E-02	4.340E-03		2.274864472
CO2	124389	33.29%	73.67	44.01	1.829	0.001829	5.61E+02	1.236E+03	8.523E+01	1.35E-01	2.971E-01	2.049E-02		10.73845959
Hydrogen	1333740	35.70%	79.00	2.02	0.084	0.000084	2.76E+01	6.083E+01	4.195E+00	6.63E-03	1.462E-02	1.008E-03		0.528540668
Benzene	71432	0.02%	0.05	78.11	3.246	0.003246	6.75E-01	1.489E+00	1.027E-01	1.62E-04	3.578E-04	2.468E-05		1.293530E-02
Toluene	108883	0.00%	0.00	92.14	3.829	0.003829	0.00E+00	0.000E+00	0.000E+00	0.00E+00	0.000E+00	0.000E+00		0.000E+00
Dimethyl Carbonate	616386	1.88%	4.16	90.08	3.744	0.003744	6.48E+01	1.428E+02	9.851E+00	1.56E-02	3.433E-02	2.368E-03		1.241142527
Ethylmethyl Carbonate	623530	0.09%	0.21	104.1	4.326	0.004326	3.78E+00	8.332E+00	5.747E-01	9.09E-04	2.003E-03	1.381E-04		0.072405236
Total Sums		**100%**	221.3											17.91

Reference Data

# of Racks	5	Molecular Weight of Air (g/mol)	28.97
# of Modules per Rack	8	Air Density @ 20C (kg/m3)	1.204
# of Cells per Module	104		
# of Cells in Thermal Runaway	4160		
Test Duration (hr)	14.5		

Mass per Unit Thermal Runaway

Substance	Measured Weight			Proposed BESS Total Emission		Modeling
	mg/kg	mg/lb	lb/lb	lb	lb/hr	(g/sec)
Hydrogen Chloride	1188.7	539.18	0.001188698	0.017	0.001189	0.0001498
Hydrogen Cyanide	170	77.11	0.00017	8.575	0.591384	0.0745131
Hydrogen Bromide	367	166.47	0.000366999	18.512	1.276694	0.1608607
NH3	20	9.07	2E-05	1.009	0.069575	0.0087662
THC	9800	4445.20	0.00979998	494.328	34.091567	4.2954617

Notes:
1. Measured weight (mg/kg) is based on reference data from the *Data Request Response #4, Corby Battery Energy Storage System Project (24-OPT-05)* prepared by Tetra Tech and dated October 2025.
2. Measured weight is based on the total weight of the substance being released per every unit of BESS experiencing thermal runaway.

Mass per Unit Thermal Runaway (Continued)

Substance	Measured Weight			Proposed BESS Total Emission		Modeling
	mg/kg	mg/lb	lb/lb	lb	lb/hr	(g/sec)
Hydrogen Fluroide	631.86	286.61	0.000631859	31.872	2.198071	0.2769521
Hydrochloric Acid	170.43	77.31	0.00017043	8.597	0.592880	0.0747016

Notes:
1. Measured weight (mg/kg) is based on reference data from the *Environmental Study on the Termal Runaway and Fire Behaviors of Large Format Lithium Iron Phosphate Battery*
2. Measured weight is based on the total weight of the substance being released per every unit of BESS experiencing thermal runaway.
3. Substances in this table included the application of the HF reduction factor since the proposed BESS would utilize prismatic cells.

Reduction Factor (Pouch to Cylindrical)

Battery	Cell Type	HF	Average	Average by Cell Type	Calculated	Modeled Reduction
		mg/Wh	mg/Wh	mg/Wh	Reduction Factor	Factor
B	Pouch	150-198	174	137.8	0.75	0.5
C	Pouch	43-160	101.5			
D	Cylindrical	12-24	18	35		
E	Cylindrical	52	52			

# of Racks	5
# of Modules per Rack	8
# of Cells per Module	104
# of Cells in Thermal Runaway	4160
Weight/cell (kg)	5.5
Total Weight of BESS Experiencing Thermal Runaway (lb)	50441.71
Test Duration (hr)	14.5

Reference Concentration

Substance	Measured Concentration (ppm)		Molecular Weight (grams per mol)
	10 meters	20 meters	
Formaldehyde	0.15	0.25	30.03
NOx	0.02	0.02	46.01
SOx	0.03	0.04	64.07

Notes:

1. Measured concentration based on Appendix A of the *Data Request Response 5 for the Prairie Song Reliability Project* prepared by Dudek (dated February 20, 2026)

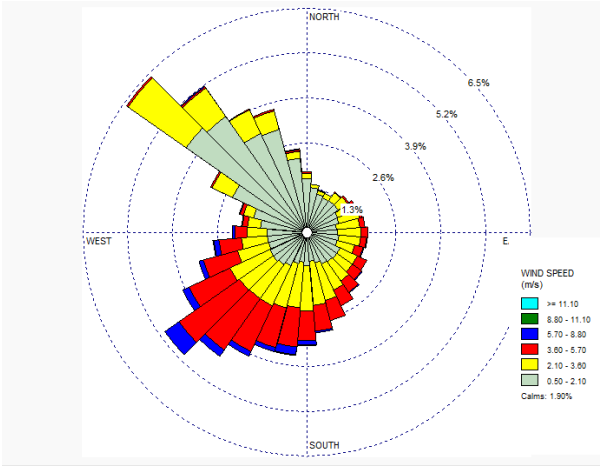
AERMOD Distance Concentration

MEIR	Measured Concentration (ug/m^3)	
	10 meters	20 meters
Maximum 1-Hour		
159.05	10845.72	5638.27
Distance Scaler (MEIR divided by downwind receptor concentration)	0.01	0.03

Notes:

1. MEIR = Maximum Exposed Individual Receptor. MEIR was located at the nearest senstive receptor (610788.0000, 4090061.65).

2. To present the worse case scenario, the highest 1-hour concentration downwind (southeast quadrant) at 10 meters and 20 meters from the source (BESS 3) was utilized.



Project's Average Concetration

Analysis	Pollutants (ppm)		
	Formaldehyde	Sulfur Dixoide	Nitrogen Dioxide
Reference Concentration at 10 meters	0.15	0.02	0.03
Scaled to the MEIR (Closest Sensitive Receptor)	0.002199716	0.000293295	0.000439943
Reference Concentration at 20 meters	0.25	0.02	0.04
Scaled to the MEIR (Closest Sensitive Receptor)	0.007052252	0.00056418	0.00112836
Maximum Concentration	0.007052252	0.00056418	0.00112836
Conversion from ppm to ug/m^3	**8.661722816**	**1.061673971**	**2.956811619**

Notes:

1. Scaled factor based on the distance from the source (BESS3) to the closest sensitive receptor.

2. The highest maximum average scaled concentration was utilized to present the worse case scenario

3. Conversion from ppm to ug/m^3 based on the gas' molecular weight and molar volume at 25 degrees celsius and 1 atmospheric pressure (24.45 liters per mol)

4. Conversion formula is as follows: ug/m^3 concentration = (maximum ppm) * (molecular weight *1000)/24.45 liters per mol

Average Buoyancy Parameter (m4/s3)

F= [g * L * Wm * w * (Ts - Ta)]/Ts

F = average buyoancy parameter	42.62838228
g = acceleration of gravity (m/s2)	9.81
L = average line source length (m)	6.058
Wm = average line source width (m)	1
w = exit velocity (m/s)	1
Ts = exit temperature (Kelvin)	1054.65
Ta = ambient air temperature (Kelvin)	298.15

Pollutant	Modeled Emission Rate (g/s)	Acute 1-Hr Concentration (ug/m^3)	Applicable REL/AEGL Threshold	Thresholds Exceeded?	Hazard Quotient
Hydrogen Chloride	0.000	0.088	2100	No	0.000
Hydrogen Fluoride	0.277	162.936	240	No	0.679
Hydrogen Cyanide	0.075	43.837	340	No	0.129
Hydrogen Bromide	0.161	94.637	3309	No	0.029
Propane	0.074	43.825	9920	No	0.004
Butane	0.164	96.263	13074	No	0.007
Hexane	0.037	21.830	10222	No	0.002
Ammonia	0.009	5.157	3200	No	0.002
Formaldehyde	-	8.662	55	No	0.157
Benzene	0.013	7.610	27	No	0.282
Toluene	0.000	0.000	5000	No	0.000
Carbon Monoxide	2.275	1338.346	23000	No	0.058
Nitrogen Dioxide	-	1.062	470	No	0.002
Sulfur Dioxide	-	2.957	600	No	0.005

Reference Data

AERMOD 1-Hr Maximum Concentration (ug/m^3)	588.319
AERMOD emission factor assumption (g/s)	1

Pollutant[1]	Acute Respiratory Hazard Quotient	Acute Eye Hazard Quotient	Acute Nervous Hazard Quotient	Acute Development, Immune System, Hematologic System Hazard Quotient	Acute Cardiovascular Quotient
Hydrogen Chloride	0.0000	0.0000	-	-	-
Hydrogen Fluoride	0.6789	0.6789	-	-	-
Hydrogen Cyanide	-	-	0.1289	-	-
Ammonia	0.0016	0.0016	-	-	-
Formaldehyde	-	0.1575	-	-	-
Benzene	-	-	-	0.2819	-
Toluene	0.0000	0.0000	0.0000	-	-
Sum of Hazard Quotient (w/o criteria pollutants)	0.6806	0.8380	0.1289	0.2819	0.0000

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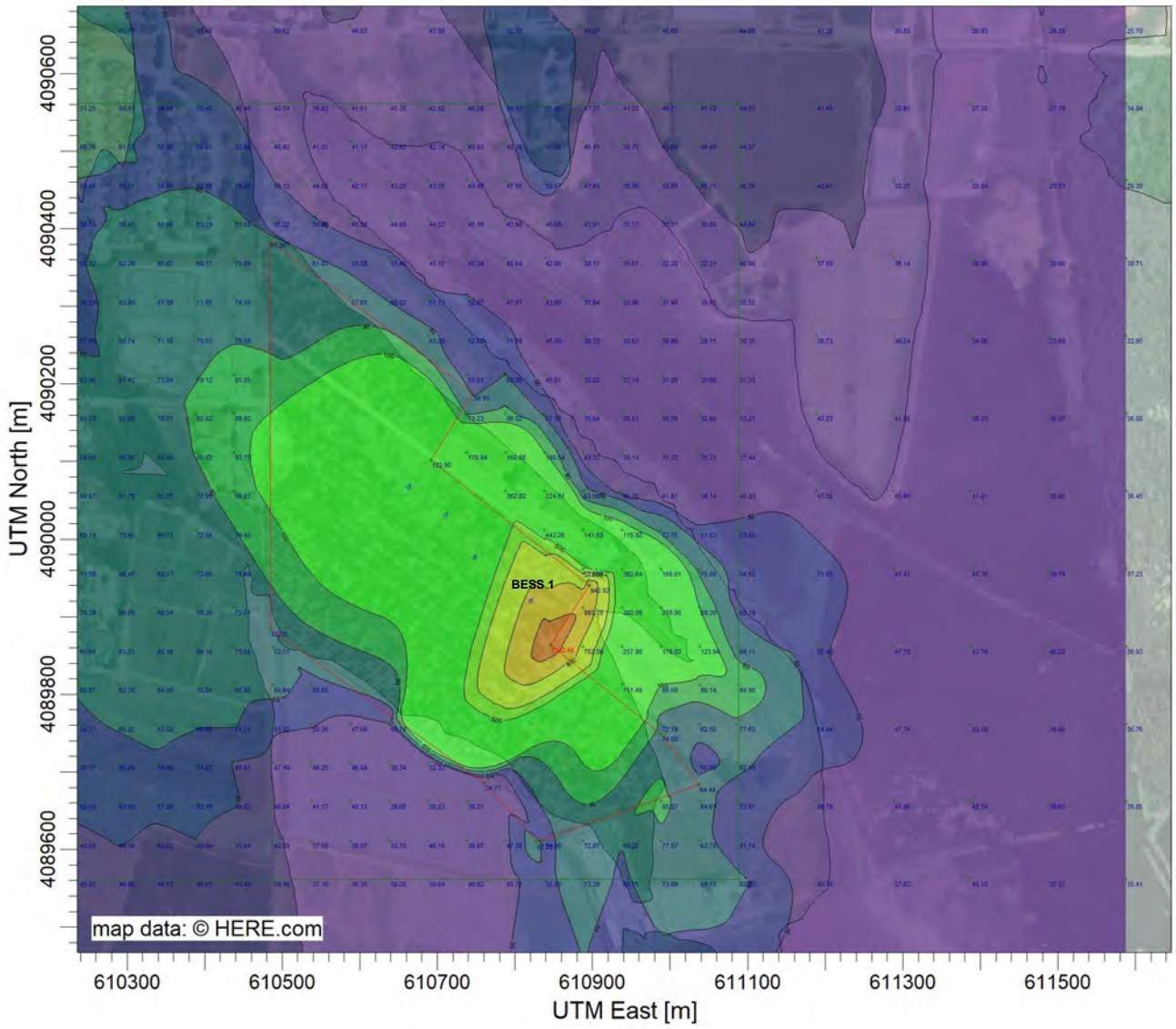
Attachment B:
Thermal Runaway Scenarios

BESS 1 Thermal Runaway Scenario

PROJECT TITLE:

C:\Lakes\AERMOD View\Seahawk BESS Operation\Seahawk BESS Operation.i
Seahawk BESS Construction



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: BESS1 ug/m^3

Max: 1142 [ug/m^3] at (610845.74, 4089863.43)

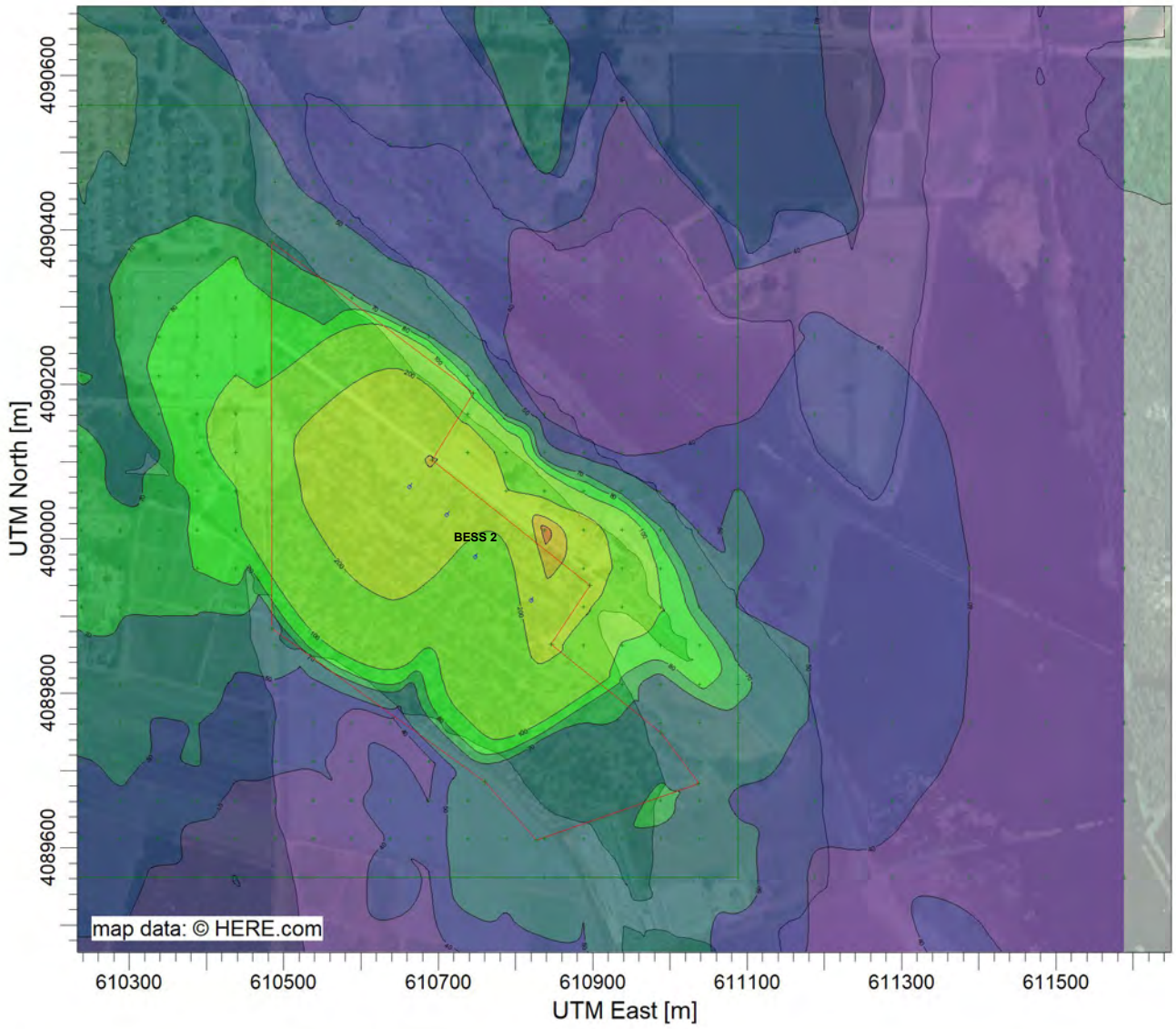
24 50 60 80 100 500 600 800 1000 1142

COMMENTS:	SOURCES: **4**	COMPANY NAME:	
	RECEPTORS: **771**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:8,872 — 0 — 0.3 km	
	MAX: **1142 ug/m^3**	DATE: **2/26/2026**	PROJECT NO.:

BESS 2 Thermal Runaway Scenario

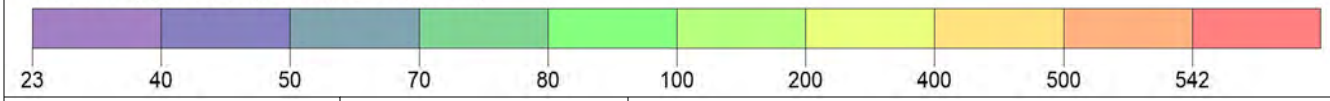
PROJECT TITLE:

C:\Lakes\AERMOD View\Seahawk BESS Operation\Seahawk BESS Operation.i
Seahawk BESS Construction



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: BESS2 ug/m^3

Max: 542 [ug/m^3] at (610838.00, 4090011.65)

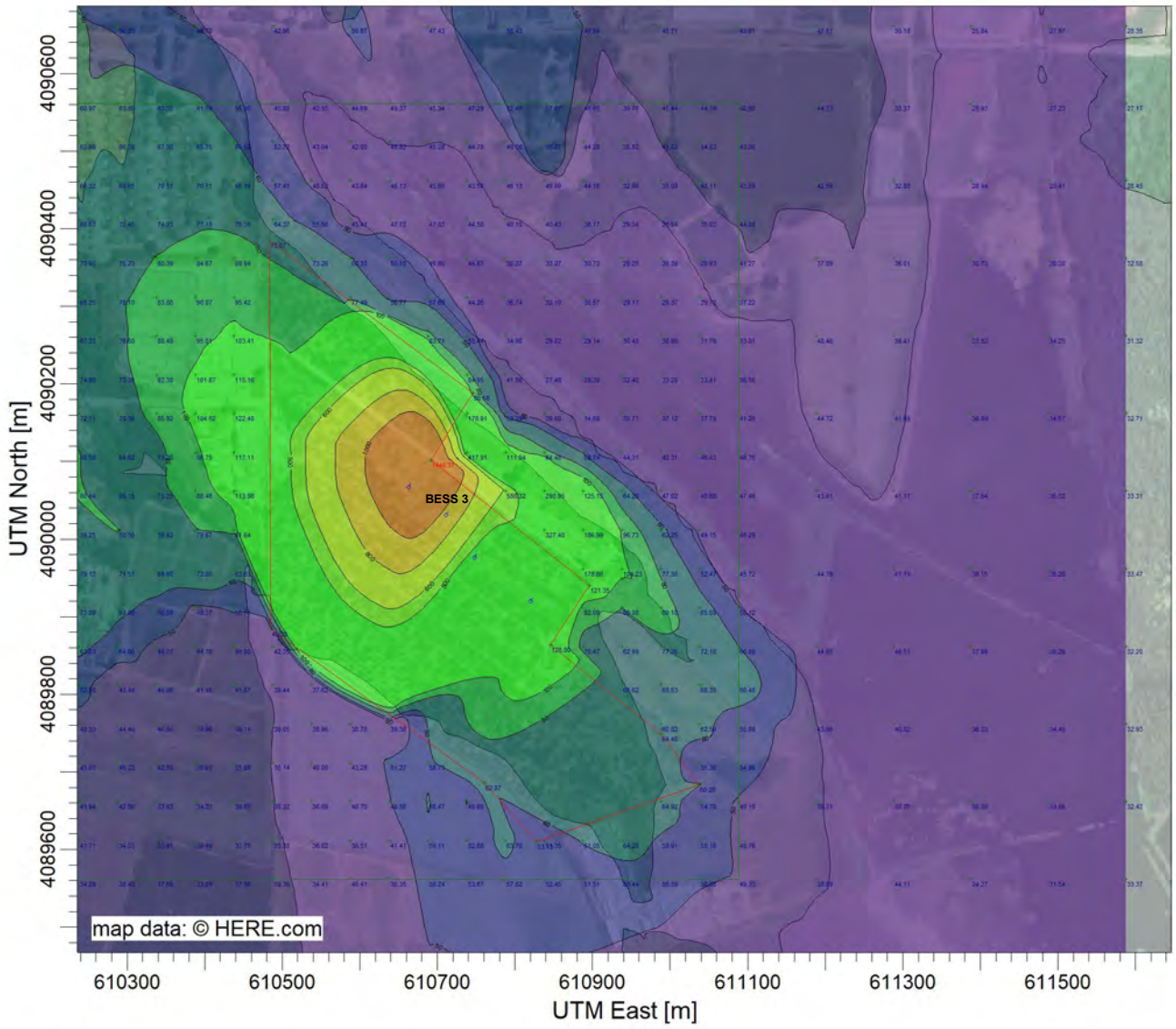


COMMENTS:	SOURCES: **4**	COMPANY NAME:	
	RECEPTORS: **771**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:8,911 0 0.3 km	
	MAX: **542 ug/m^3**	DATE: **2/26/2026**	PROJECT NO.:

BESS 3 Thermal Runaway Scenario

PROJECT TITLE:

C:\Lakes\AERMOD View\Seahawk BESS Operation\Seahawk BESS Operation.i
Seahawk BESS Construction



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: BESS3 ug/m^3

Max: 1446 [ug/m^3] at (610691.81, 4090101.98)

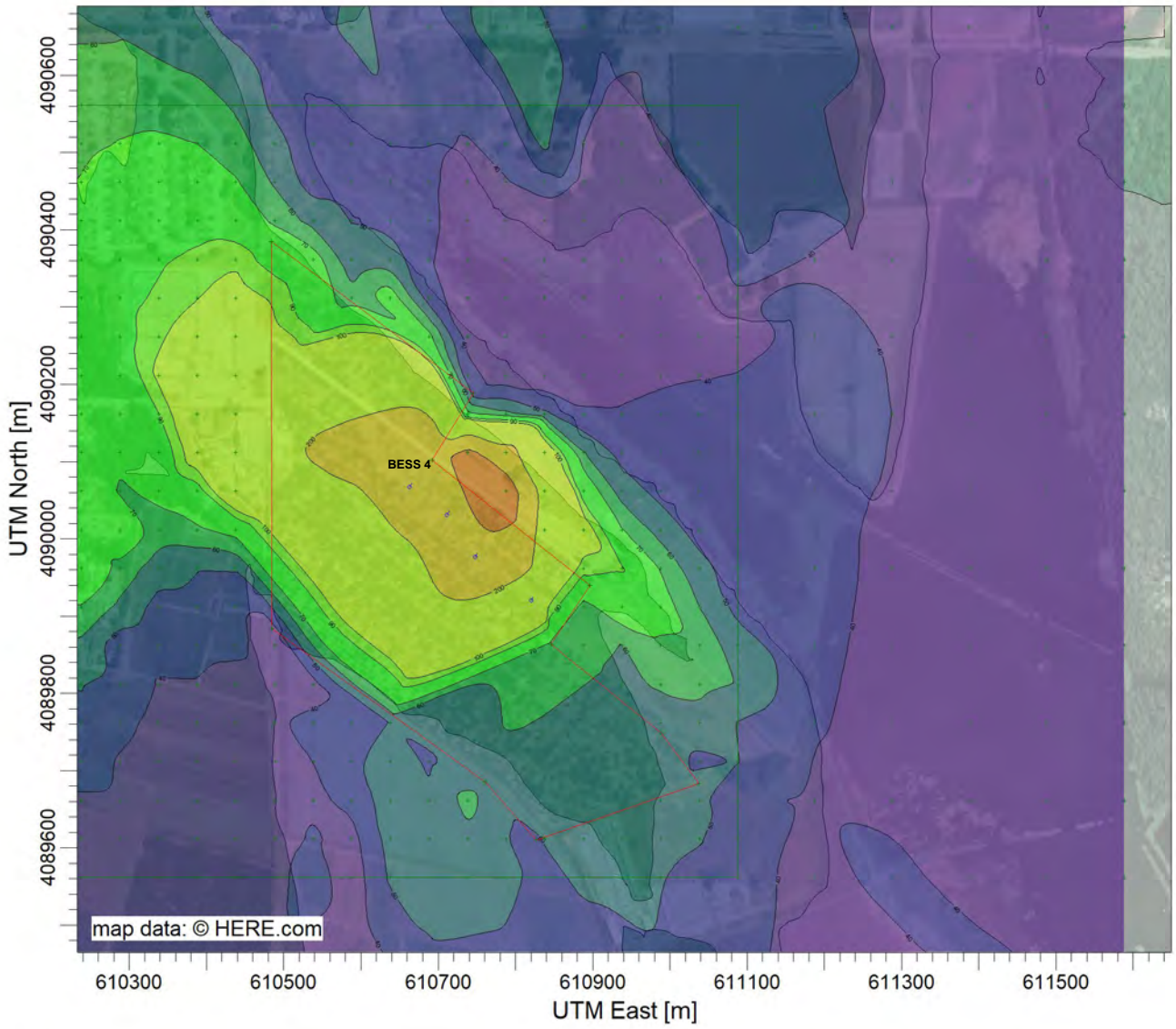
22 50 60 80 100 500 600 800 1000 1446

COMMENTS:	SOURCES: **4**	COMPANY NAME:	
	RECEPTORS: **771**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:8,872 0 0.3 km	
	MAX: **1446 ug/m^3**	DATE: **2/26/2026**	PROJECT NO.:

BESS 4 Thermal Runaway Scenario

PROJECT TITLE:

C:\Lakes\AERMOD View\Seahawk BESS Operation\Seahawk BESS Operation.i
Seahawk BESS Construction



PLOT FILE OF HIGH 1ST HIGH 1-HR VALUES FOR SOURCE GROUP: BESS4 ug/m^3

Max: 362 [ug/m^3] at (610788.00, 4090061.65)

22 40 50 60 70 90 100 200 300 362

COMMENTS:	SOURCES: **4**	COMPANY NAME:	
	RECEPTORS: **771**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:8,911 0 0.3 km	
	MAX: **362 ug/m^3**	DATE: **2/26/2026**	PROJECT NO.:

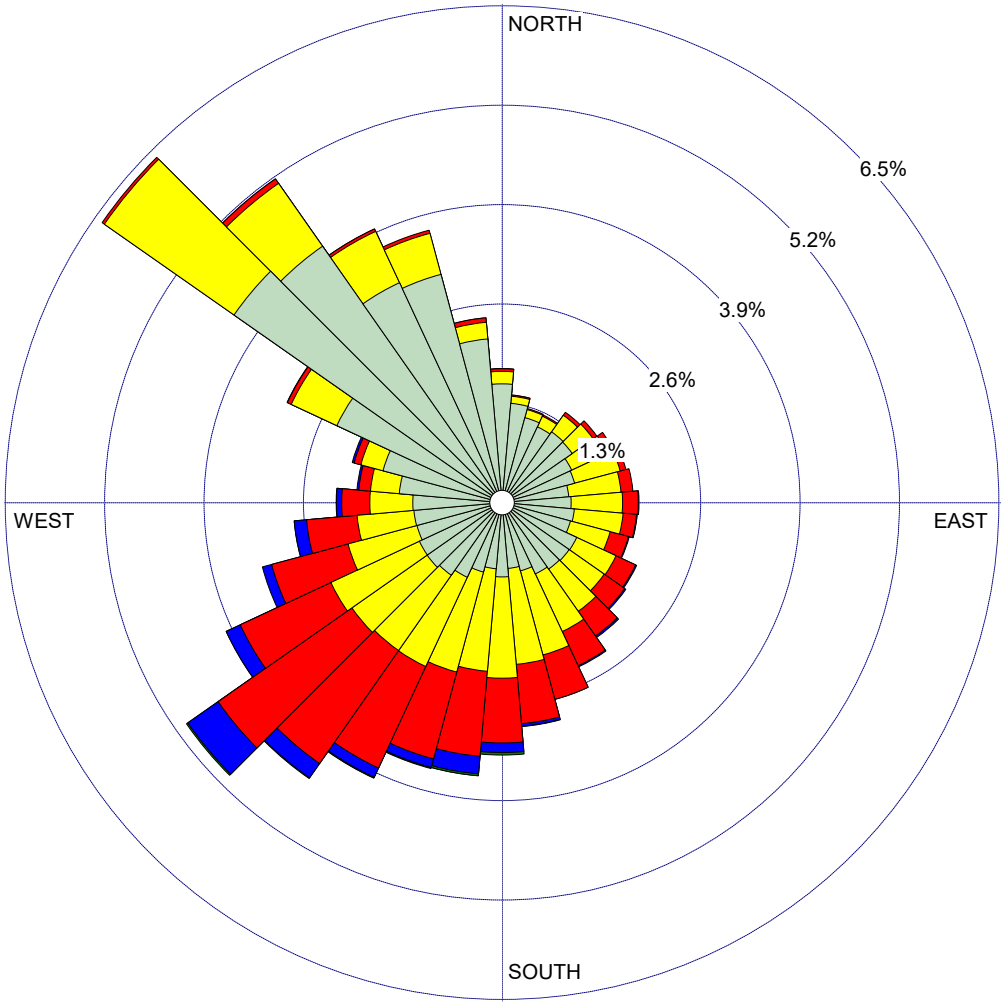
Attachment C:
Meteorological Data

WIND ROSE PLOT:

2015-2019 Wind Rose

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 1.90%

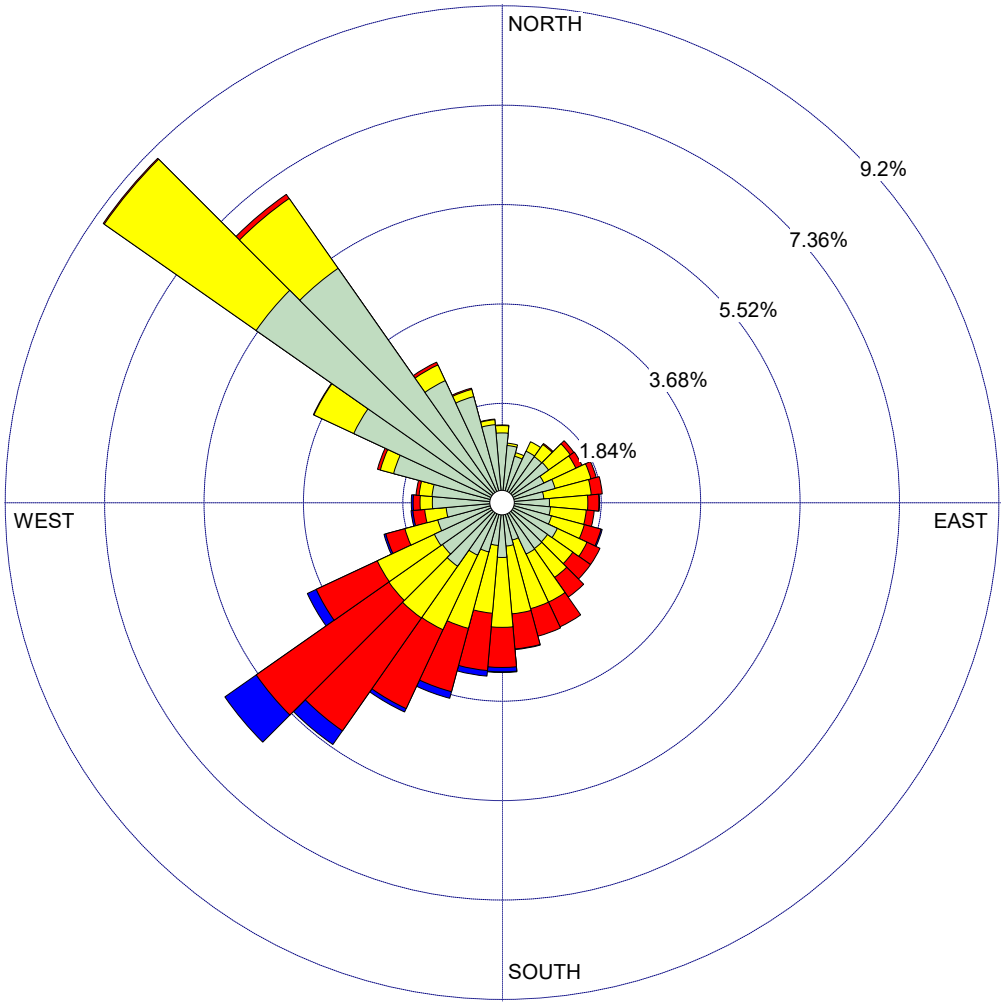
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2015 - 00:00** **End Date: 12/31/2019 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.90%**	TOTAL COUNT: **43578 hrs.**	
	AVG. WIND SPEED: **2.38 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2015 Annual Wind Rose

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 1.27%

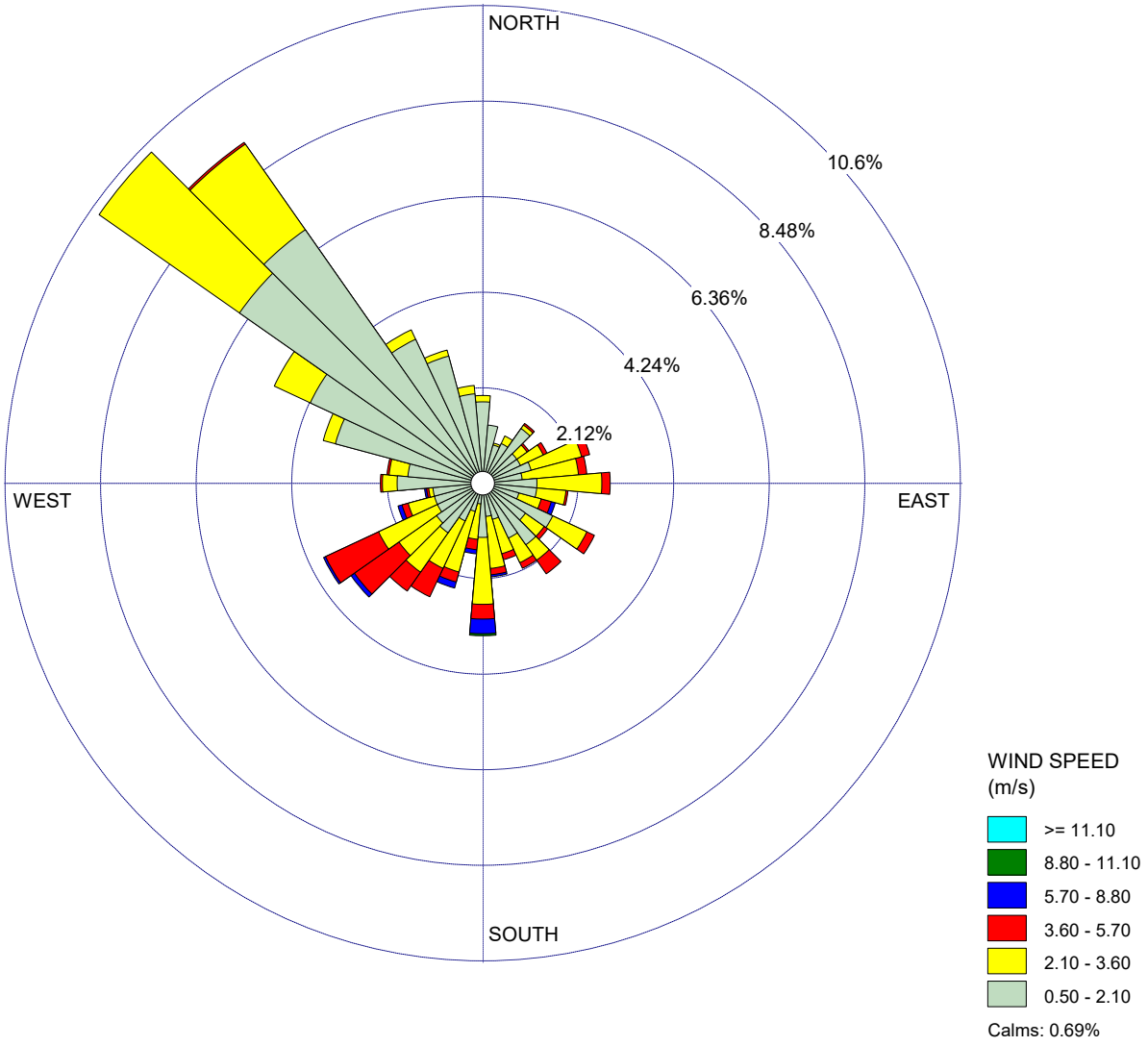
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2015 - 00:00** **End Date: 12/31/2015 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.27%**	TOTAL COUNT: **8736 hrs.**	
	AVG. WIND SPEED: **2.38 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2015 Wind Rose (January - March)

DISPLAY:

Wind Speed
Direction (blowing from)



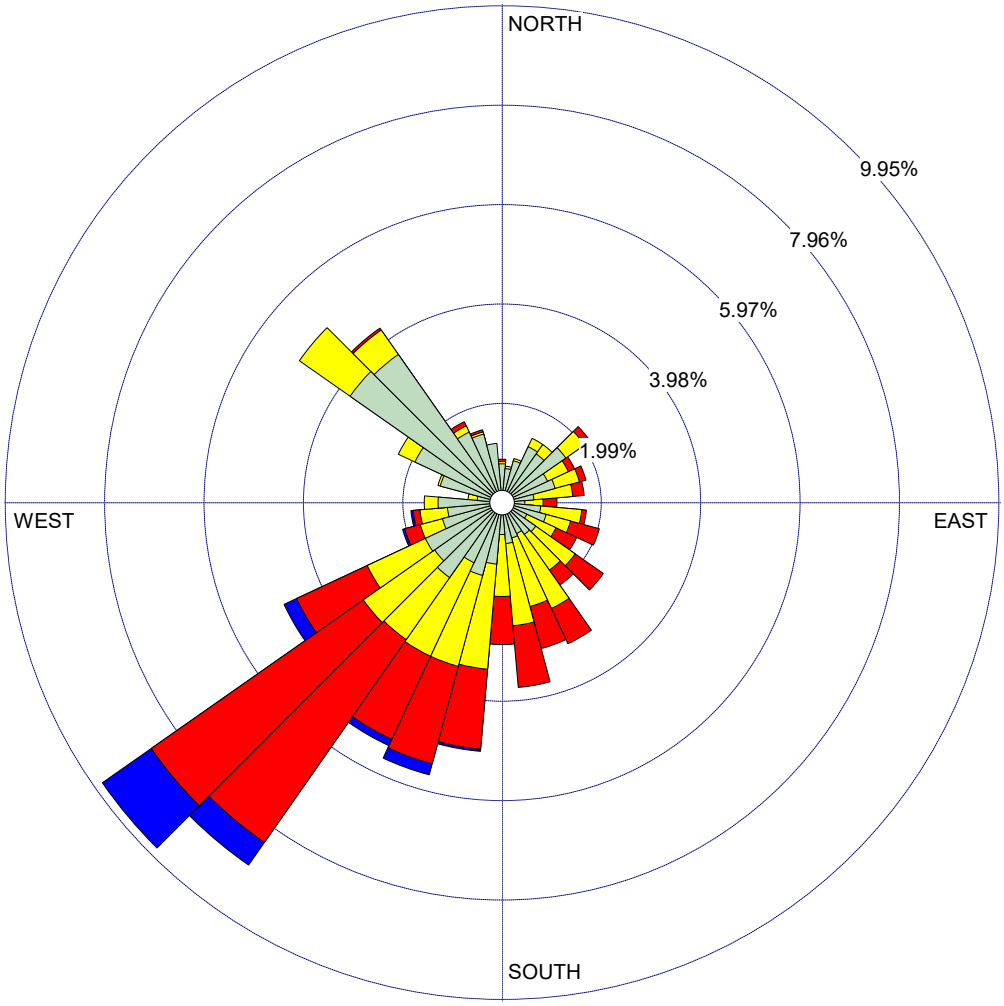
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2015 - 00:00** **End Date: 3/31/2015 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **0.69%**	TOTAL COUNT: **2159 hrs.**	
	AVG. WIND SPEED: **2.05 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2015 Wind Rose (April - June)

DISPLAY:

Wind Speed
Direction (blowing from)



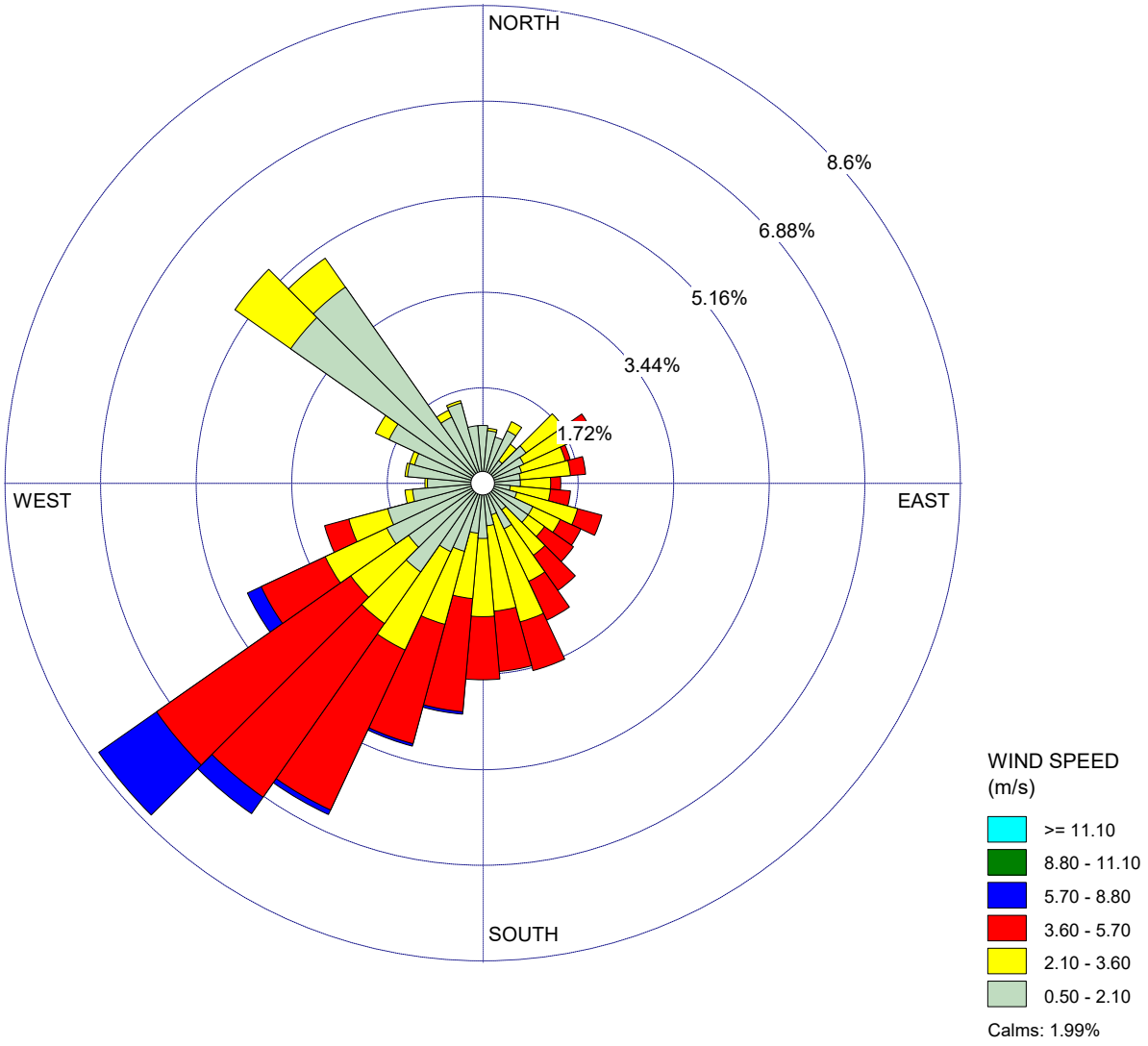
COMMENTS:	DATA PERIOD: **Start Date: 4/1/2015 - 00:00** **End Date: 6/30/2015 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **0.60%**	TOTAL COUNT: **2174 hrs.**	
	AVG. WIND SPEED: **2.68 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2015 Wind Rose (July - September)

DISPLAY:

Wind Speed
Direction (blowing from)



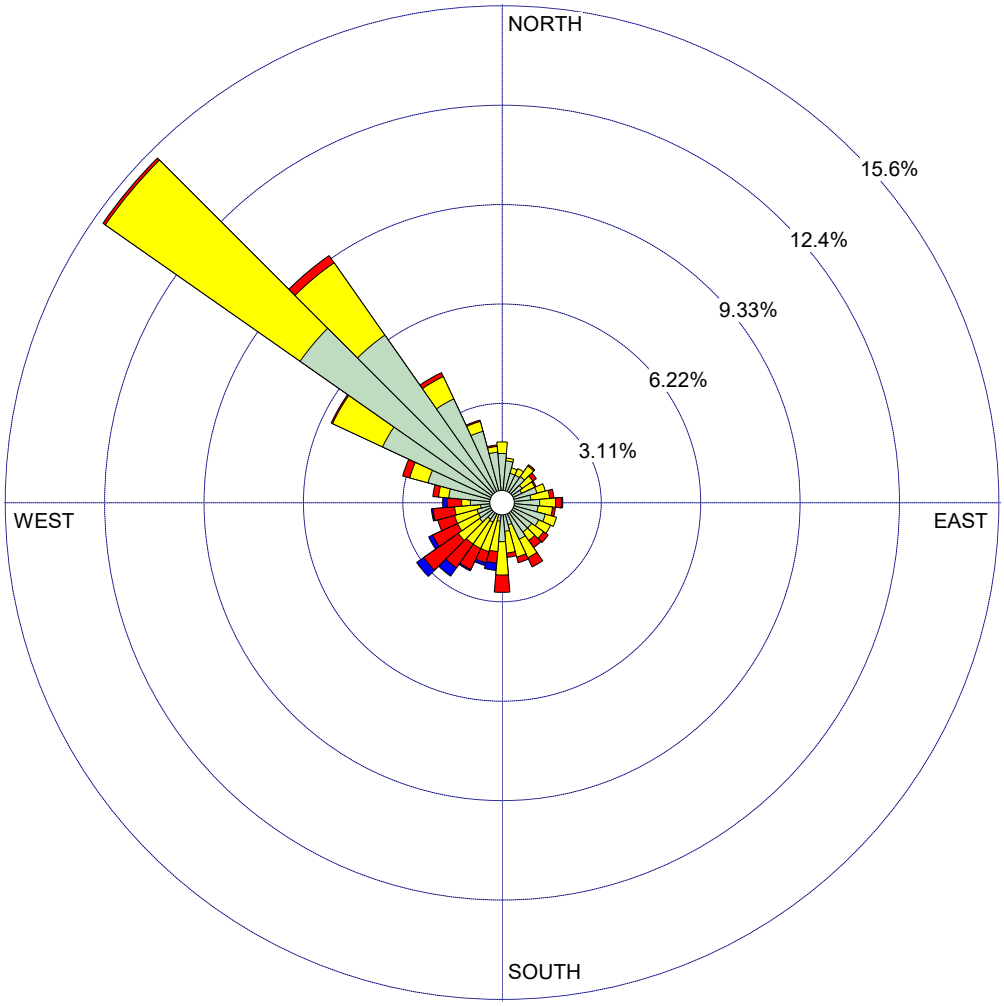
COMMENTS:	DATA PERIOD: **Start Date: 7/1/2015 - 00:00** **End Date: 9/30/2015 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.99%**	TOTAL COUNT: **2201 hrs.**	
	AVG. WIND SPEED: **2.62 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2015 Wind Rose (October - December)

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 1.77%

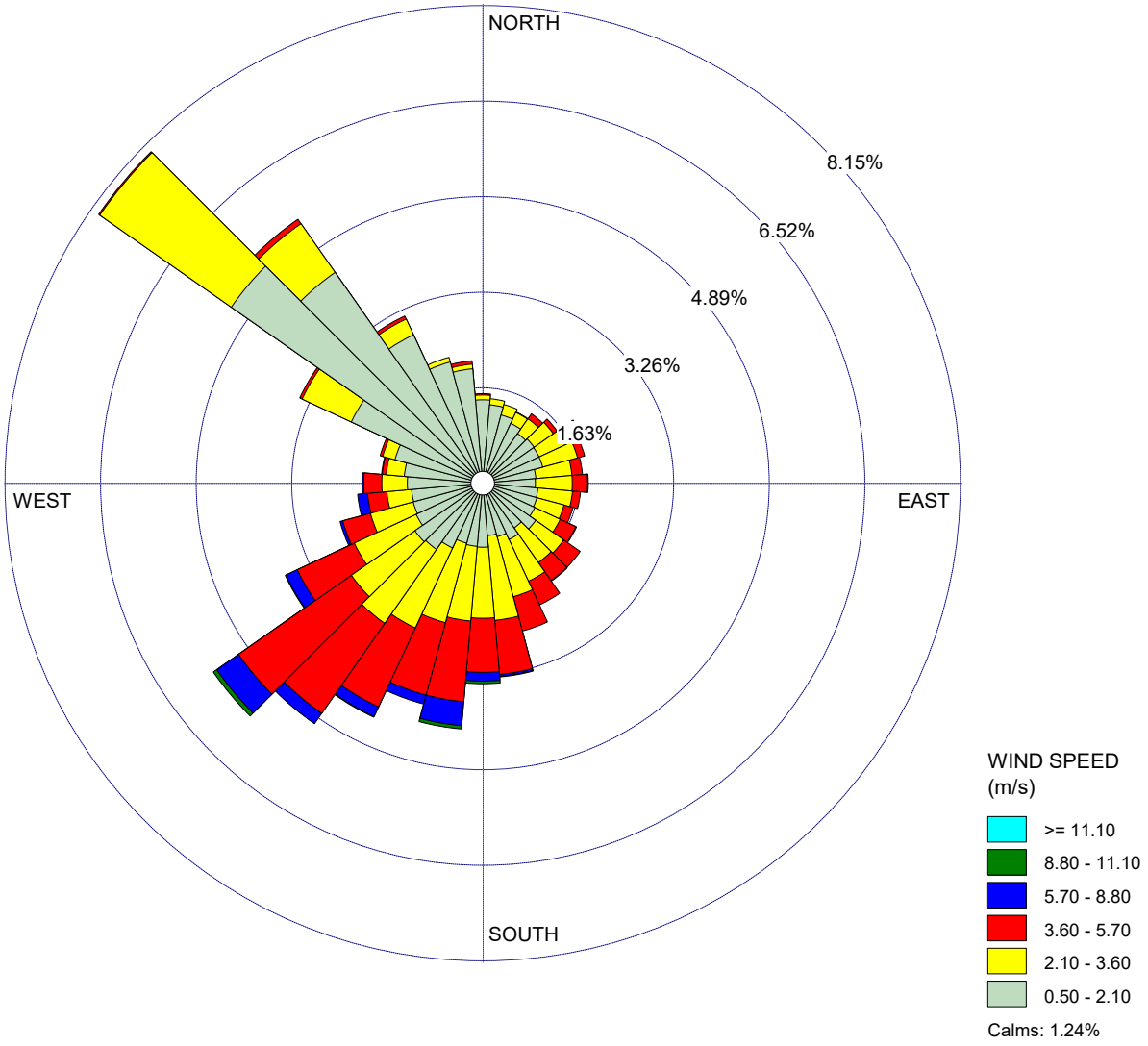
COMMENTS:	DATA PERIOD: **Start Date: 10/1/2015 - 00:00** **End Date: 12/31/2015 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.77%**	TOTAL COUNT: **2202 hrs.**	
	AVG. WIND SPEED: **2.16 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2016 Annual Wind Rose

DISPLAY:

Wind Speed
Direction (blowing from)



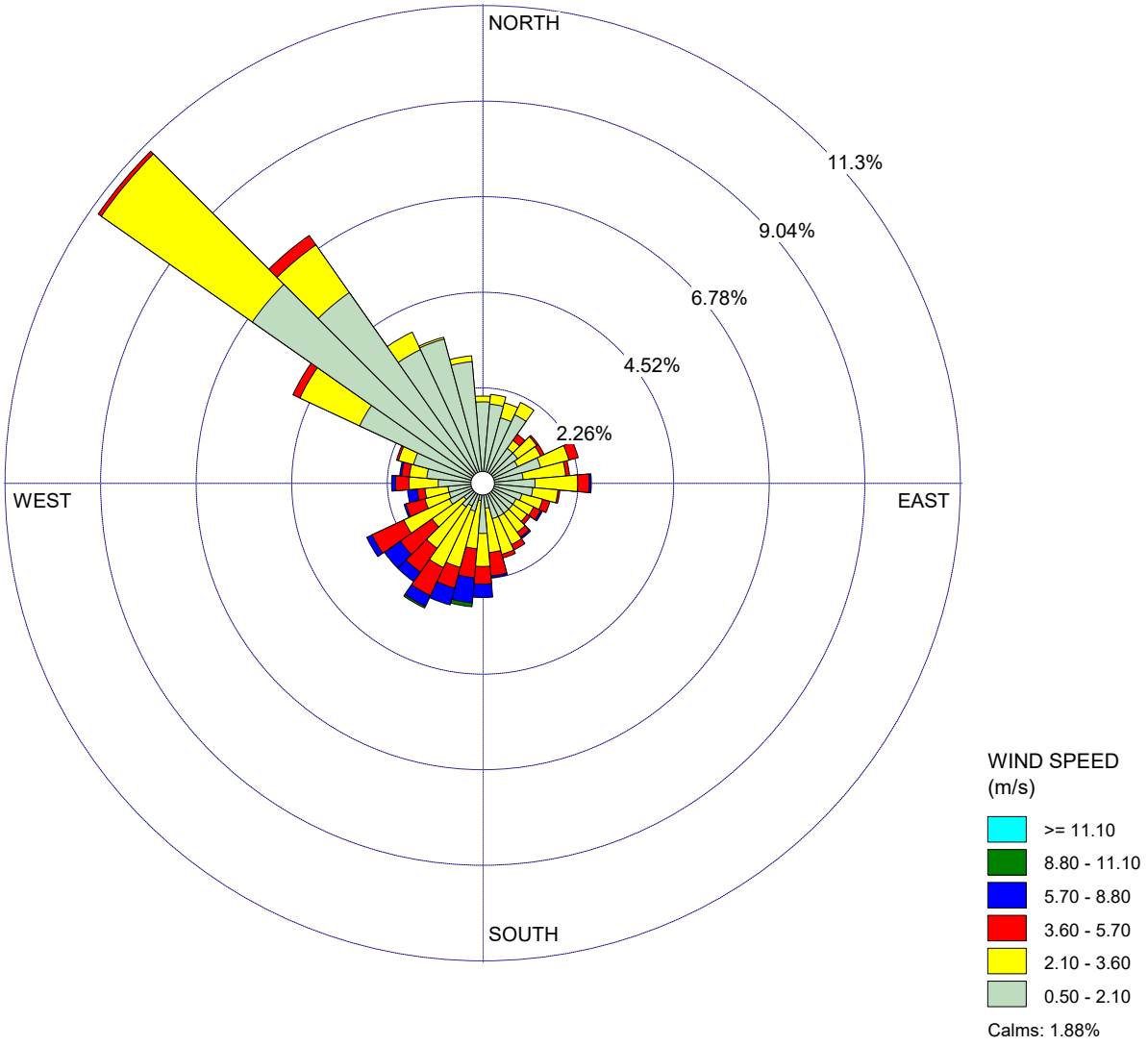
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2016 - 00:00** **End Date: 12/31/2016 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.24%**	TOTAL COUNT: **8718 hrs.**	
	AVG. WIND SPEED: **2.39 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2016 Wind Rose (January - March)

DISPLAY:

Wind Speed
Direction (blowing from)



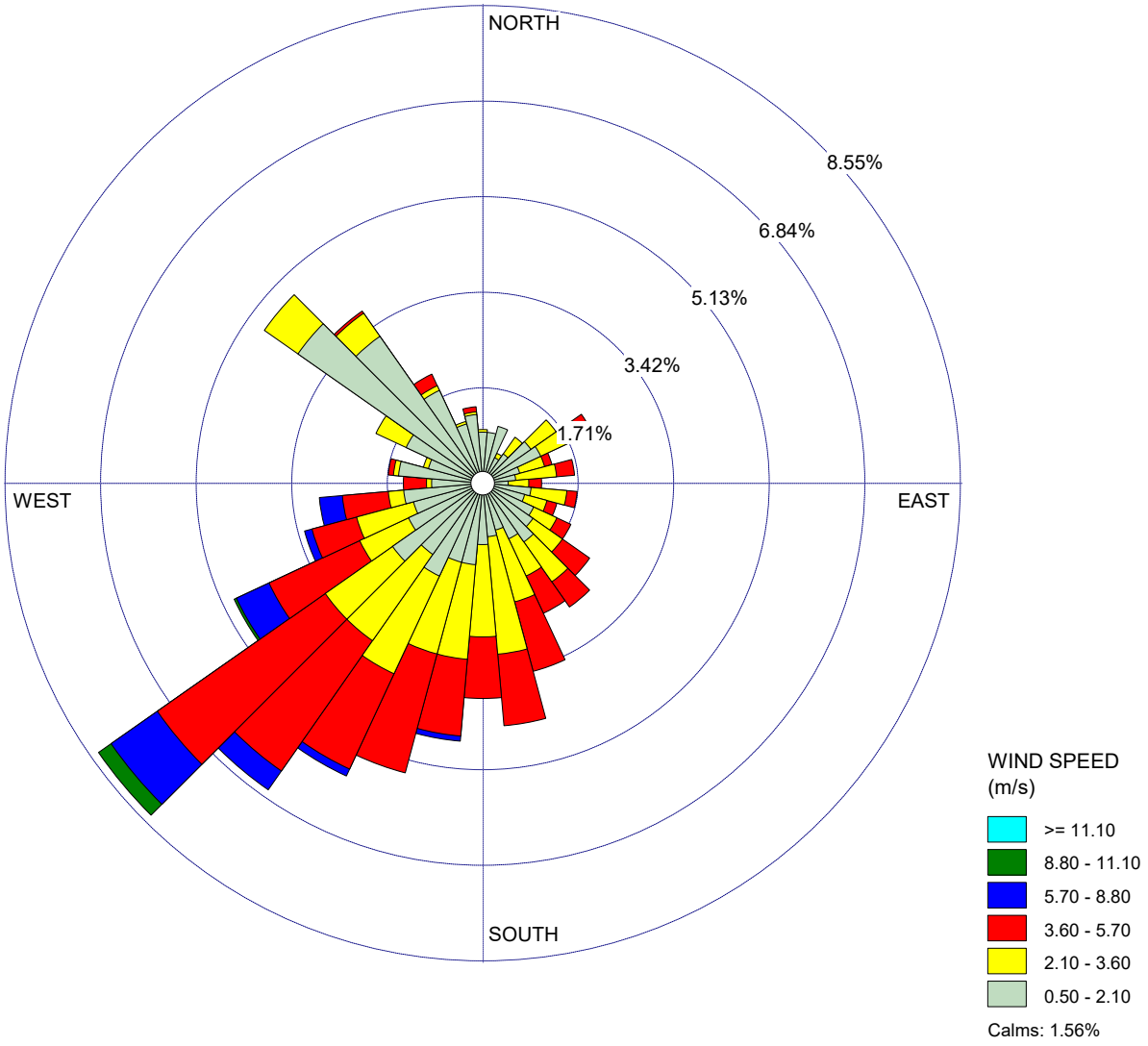
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2016 - 00:00** **End Date: 3/31/2016 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.88%**	TOTAL COUNT: **2178 hrs.**	
	AVG. WIND SPEED: **2.25 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2016 Wind Rose (April - June)

DISPLAY:

Wind Speed
Direction (blowing from)



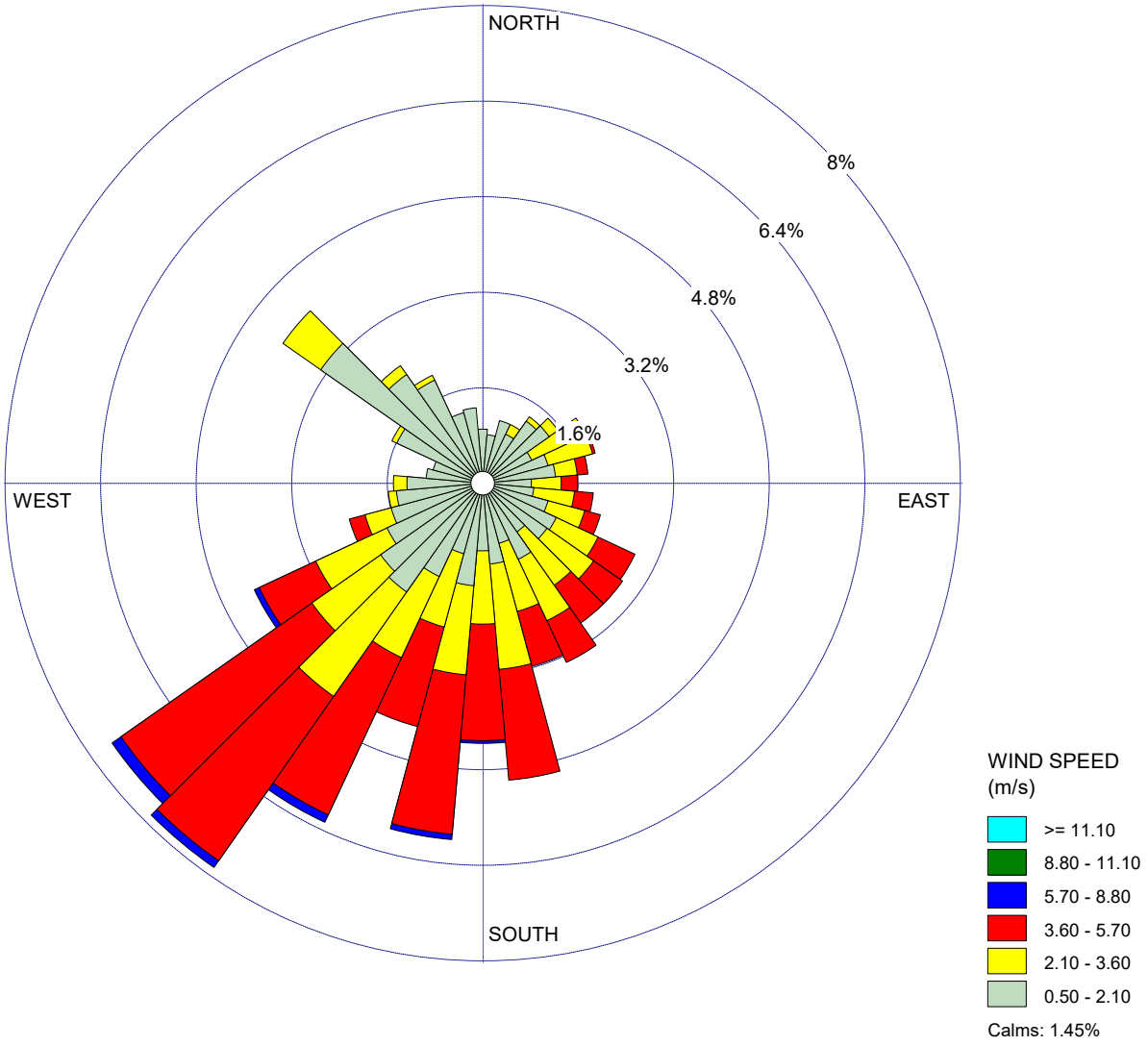
COMMENTS:	DATA PERIOD: **Start Date: 4/1/2016 - 00:00** **End Date: 6/30/2016 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.56%**	TOTAL COUNT: **2170 hrs.**	
	AVG. WIND SPEED: **2.62 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2016 Wind Rose (July - September)

DISPLAY:

Wind Speed
Direction (blowing from)



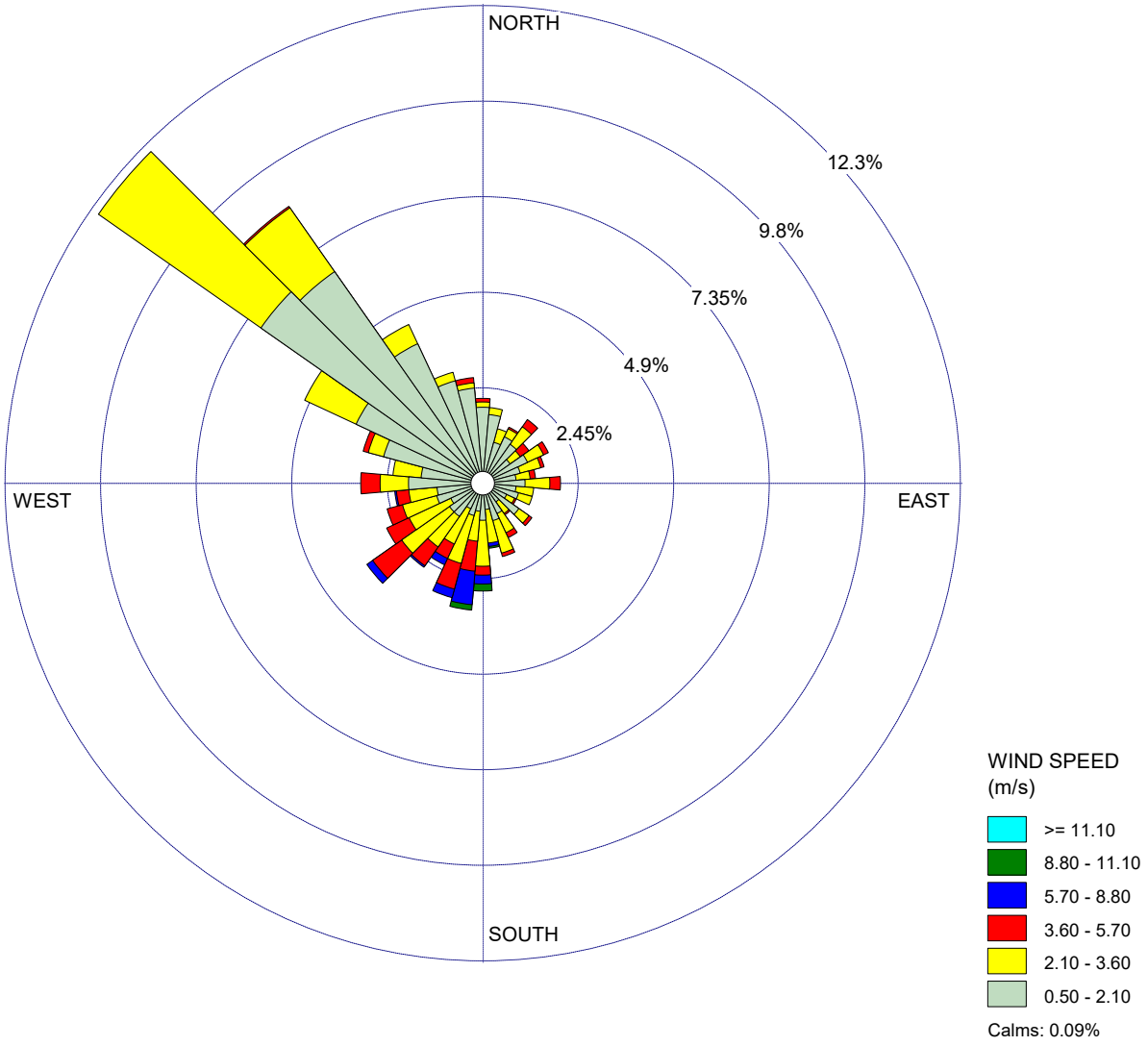
COMMENTS:	DATA PERIOD: **Start Date: 7/1/2016 - 00:00** **End Date: 9/30/2016 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.45%**	TOTAL COUNT: **2198 hrs.**	
	AVG. WIND SPEED: **2.49 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2016 Wind Rose (October - December)

DISPLAY:

Wind Speed
Direction (blowing from)



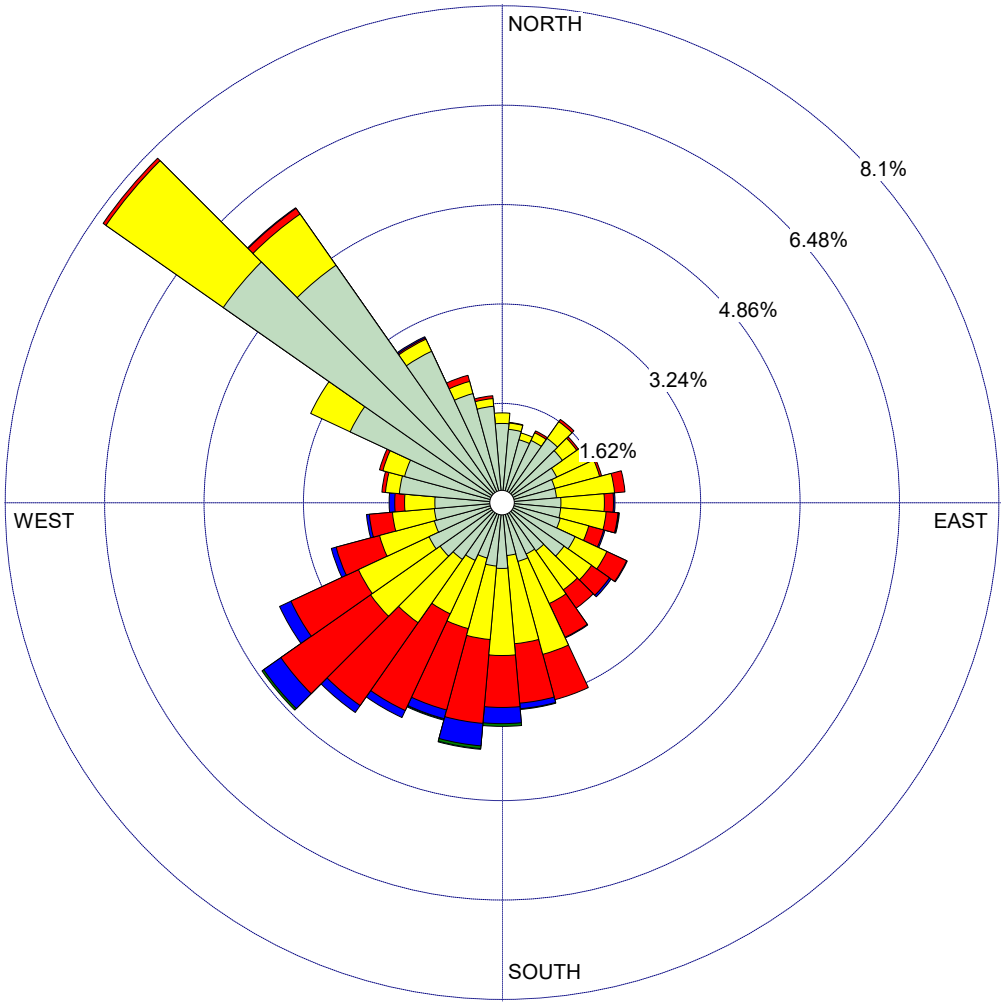
COMMENTS:	DATA PERIOD: **Start Date: 10/1/2016 - 00:00** **End Date: 12/31/2016 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **0.09%**	TOTAL COUNT: **2172 hrs.**	
	AVG. WIND SPEED: **2.18 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2017 Annual Wind Rose

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 1.24%

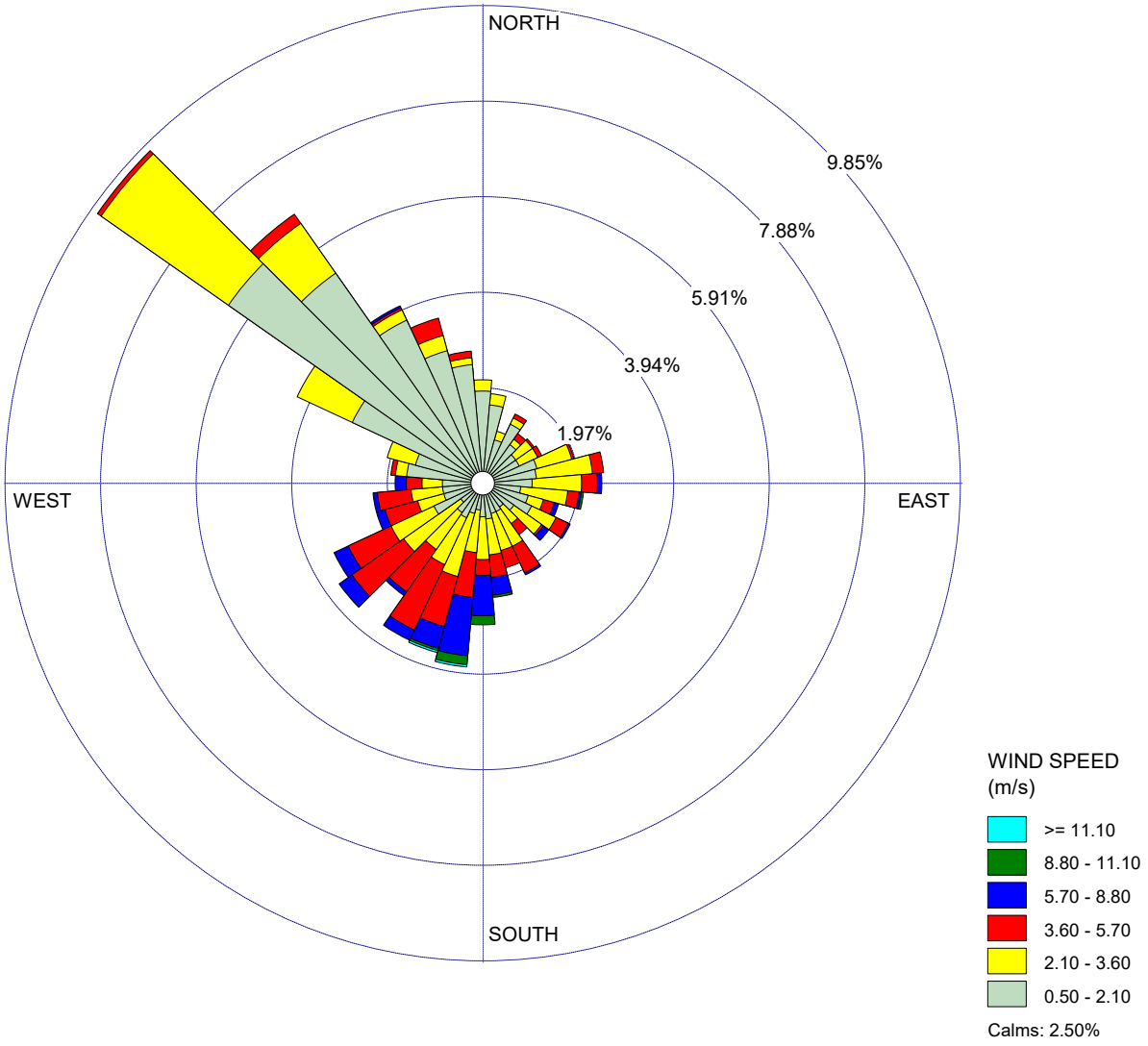
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2017 - 00:00** **End Date: 12/31/2017 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.24%**	TOTAL COUNT: **8710 hrs.**	
	AVG. WIND SPEED: **2.39 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2017 Wind Rose (January - March)

DISPLAY:

Wind Speed
Direction (blowing from)



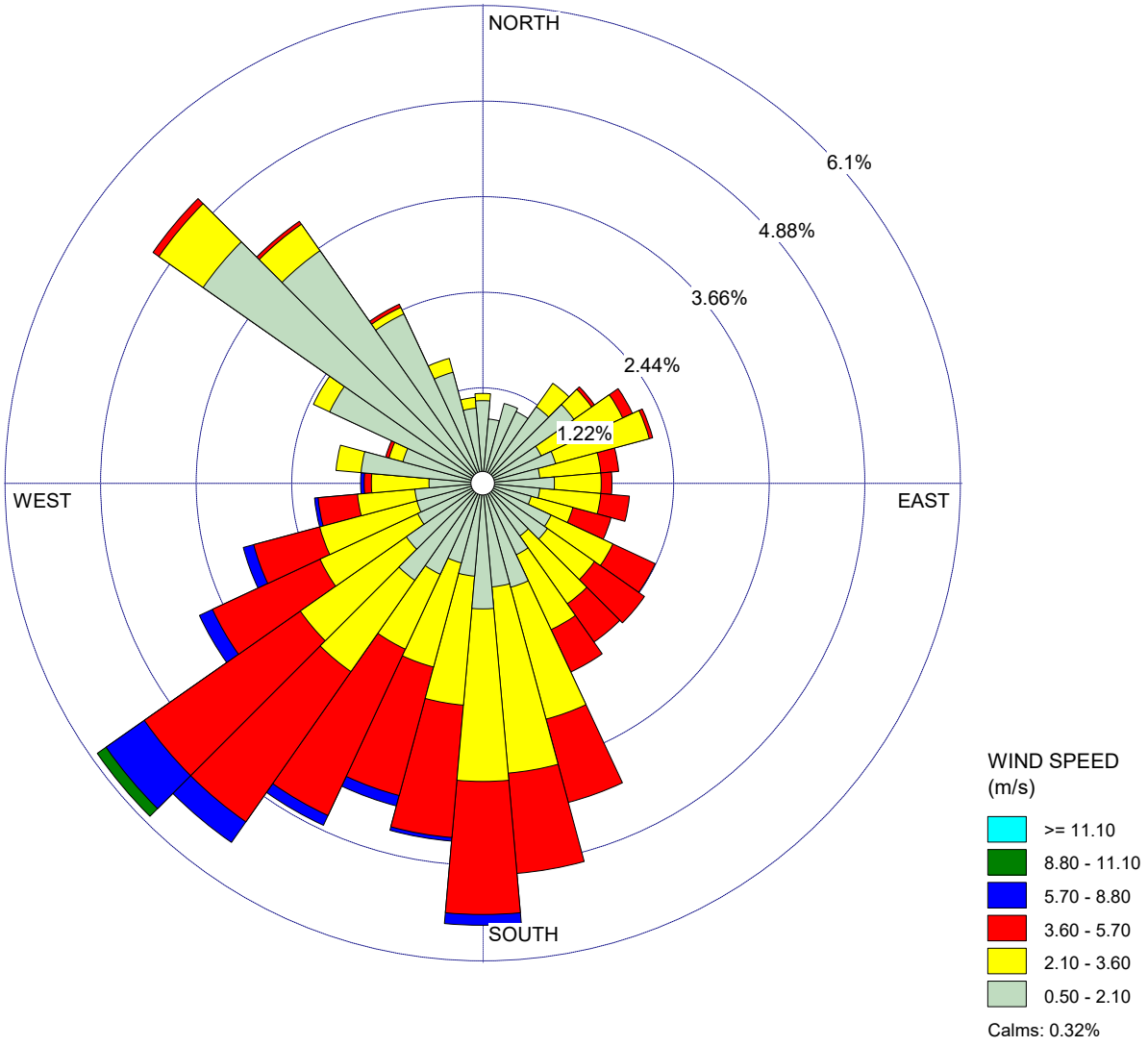
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2017 - 00:00** **End Date: 3/31/2017 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **2.50%**	TOTAL COUNT: **2155 hrs.**	
	AVG. WIND SPEED: **2.50 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2017 Wind Rose (April - June)

DISPLAY:

Wind Speed
Direction (blowing from)



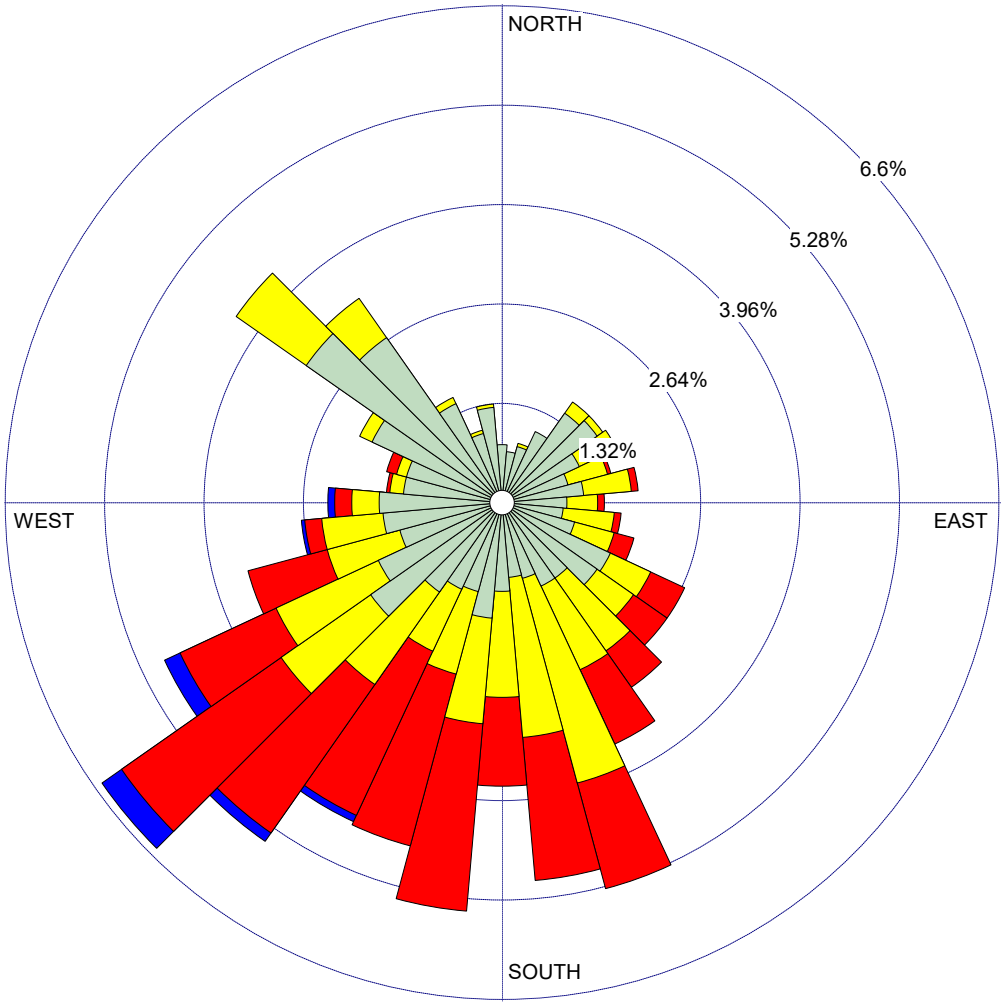
COMMENTS:	DATA PERIOD: **Start Date: 4/1/2017 - 00:00** **End Date: 6/30/2017 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **0.32%**	TOTAL COUNT: **2183 hrs.**	
	AVG. WIND SPEED: **2.57 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2017 Wind Rose (July - September)

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 0.82%

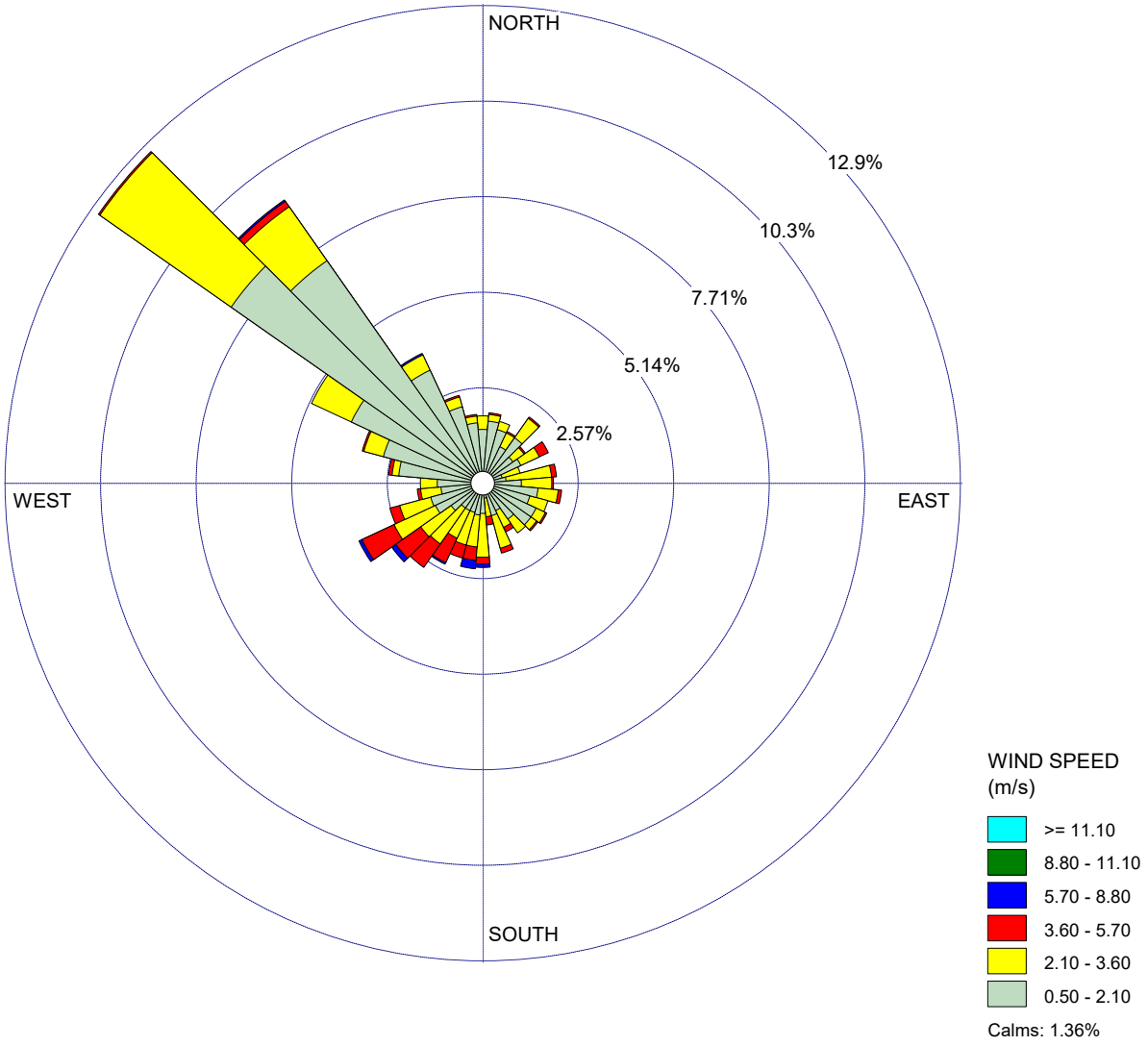
COMMENTS:	DATA PERIOD: **Start Date: 7/1/2017 - 00:00** **End Date: 9/30/2017 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **0.82%**	TOTAL COUNT: **2206 hrs.**	
	AVG. WIND SPEED: **2.48 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2017 Wind Rose (October - December)

DISPLAY:

Wind Speed
Direction (blowing from)



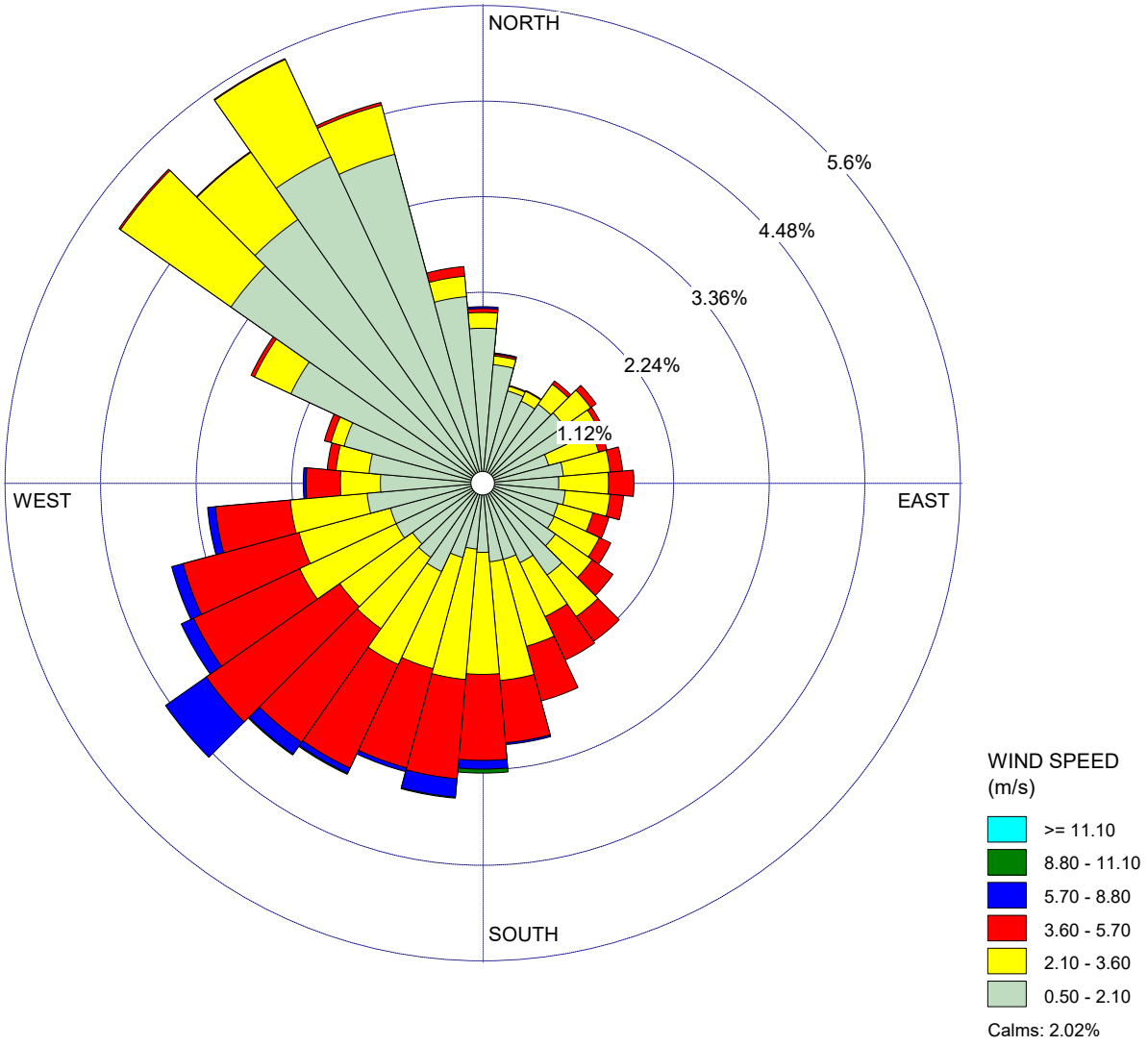
COMMENTS:	DATA PERIOD: **Start Date: 10/1/2017 - 00:00** **End Date: 12/31/2017 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.36%**	TOTAL COUNT: **2166 hrs.**	
	AVG. WIND SPEED: **2.01 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2018 Annual Wind Rose

DISPLAY:

Wind Speed
Direction (blowing from)



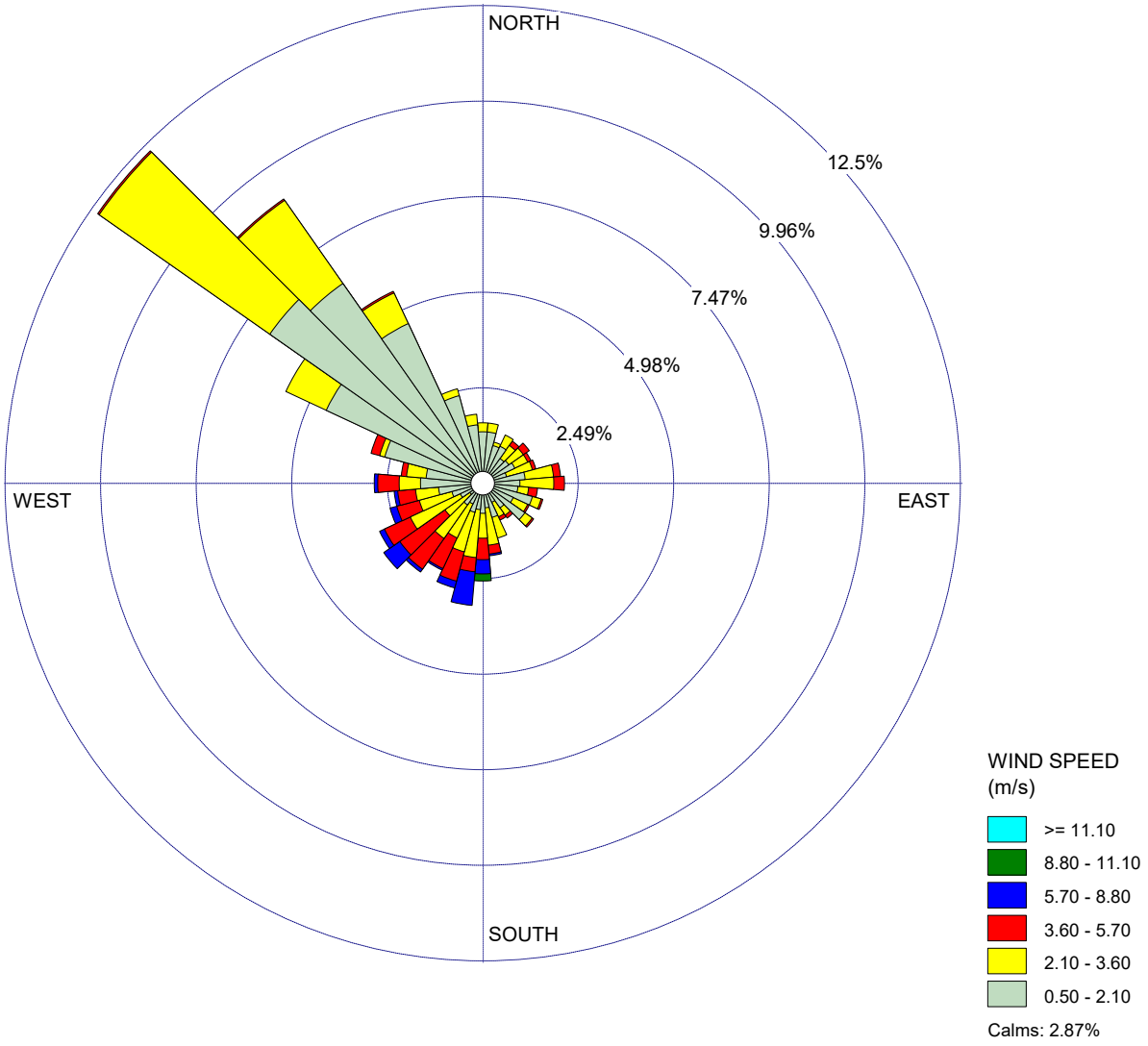
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2018 - 00:00** **End Date: 12/31/2018 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **2.02%**	TOTAL COUNT: **8721 hrs.**	
	AVG. WIND SPEED: **2.35 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2018 Wind Rose (January - March)

DISPLAY:

Wind Speed
Direction (blowing from)



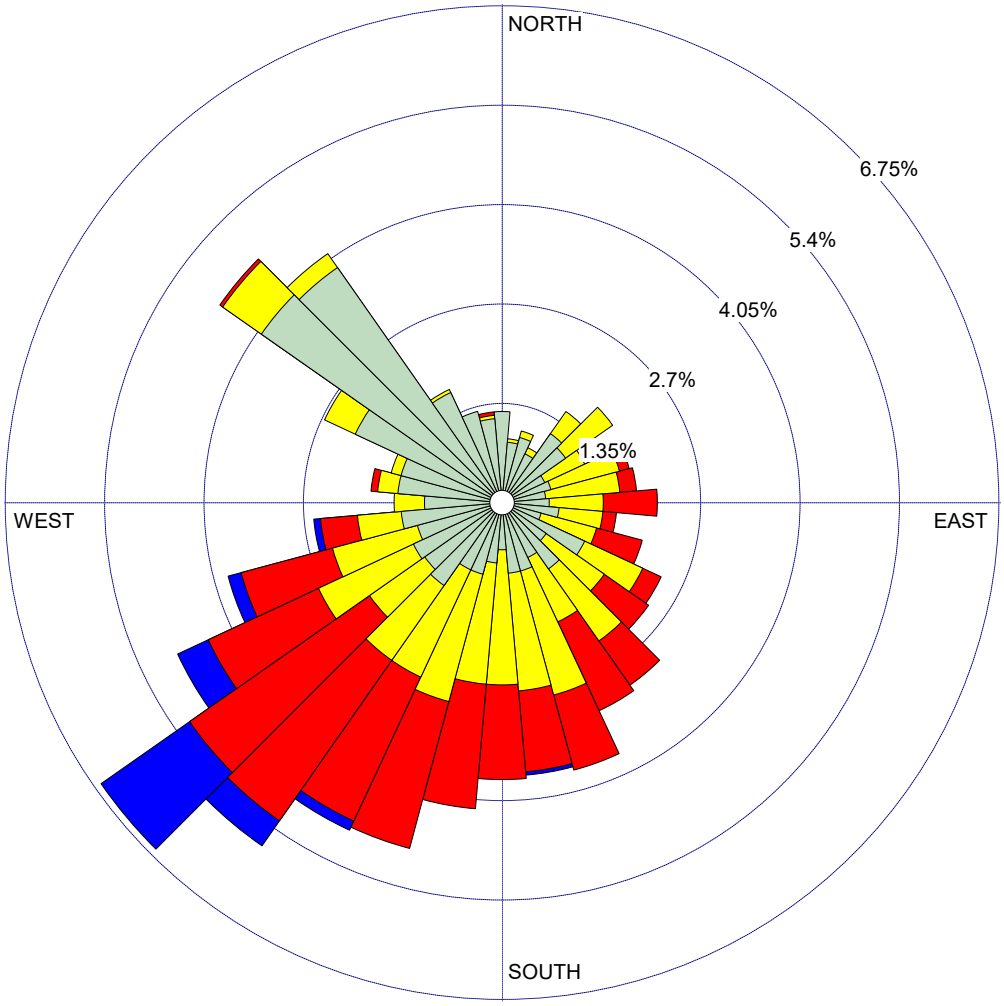
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2018 - 00:00** **End Date: 3/31/2018 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **2.87%**	TOTAL COUNT: **2148 hrs.**	
	AVG. WIND SPEED: **2.23 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2018 Wind Rose (April - June)

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 1.83%

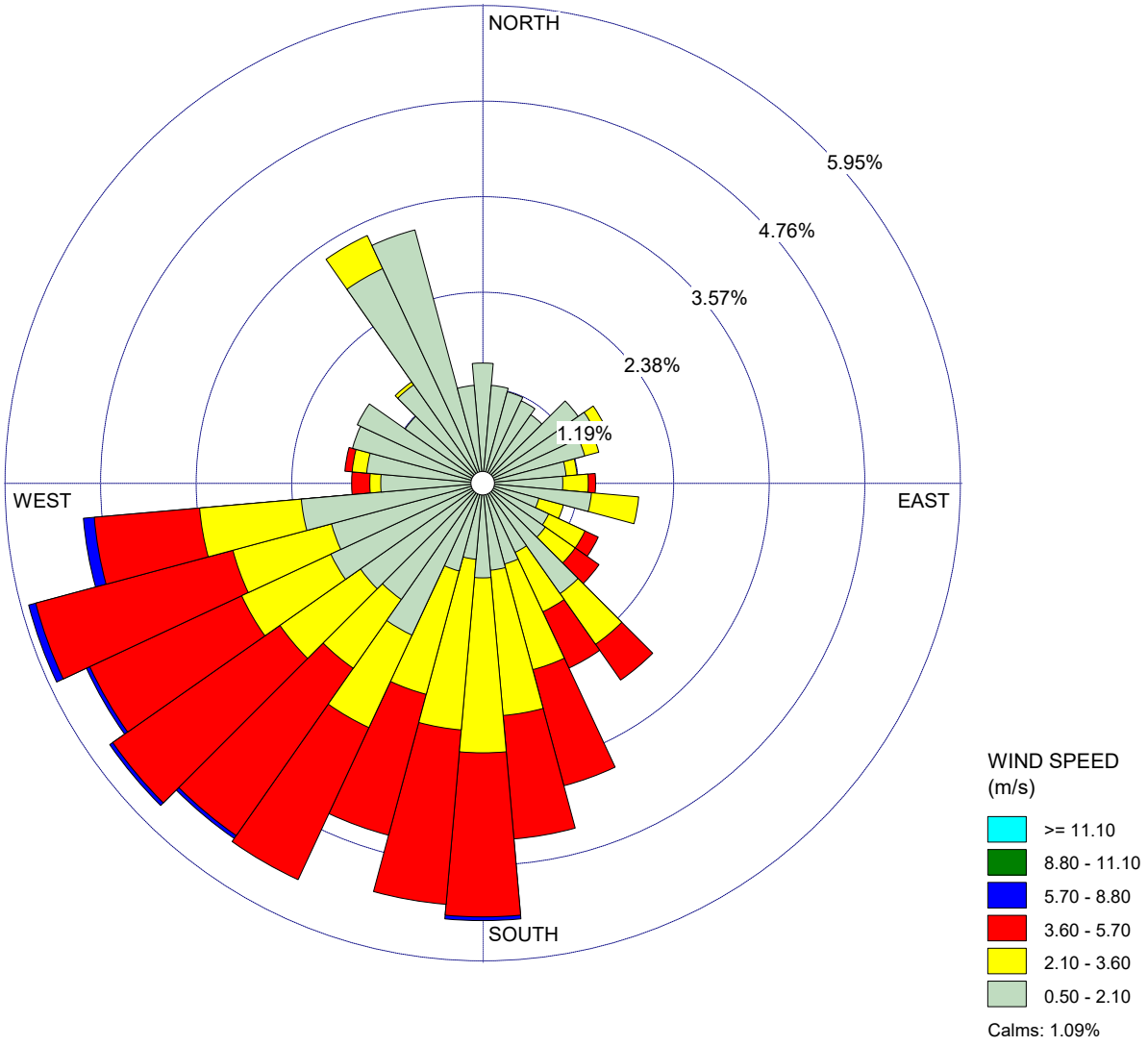
COMMENTS:	DATA PERIOD: **Start Date: 4/1/2018 - 00:00** **End Date: 6/30/2018 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.83%**	TOTAL COUNT: **2178 hrs.**	
	AVG. WIND SPEED: **2.64 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2018 Wind Rose (July - September)

DISPLAY:

Wind Speed
Direction (blowing from)



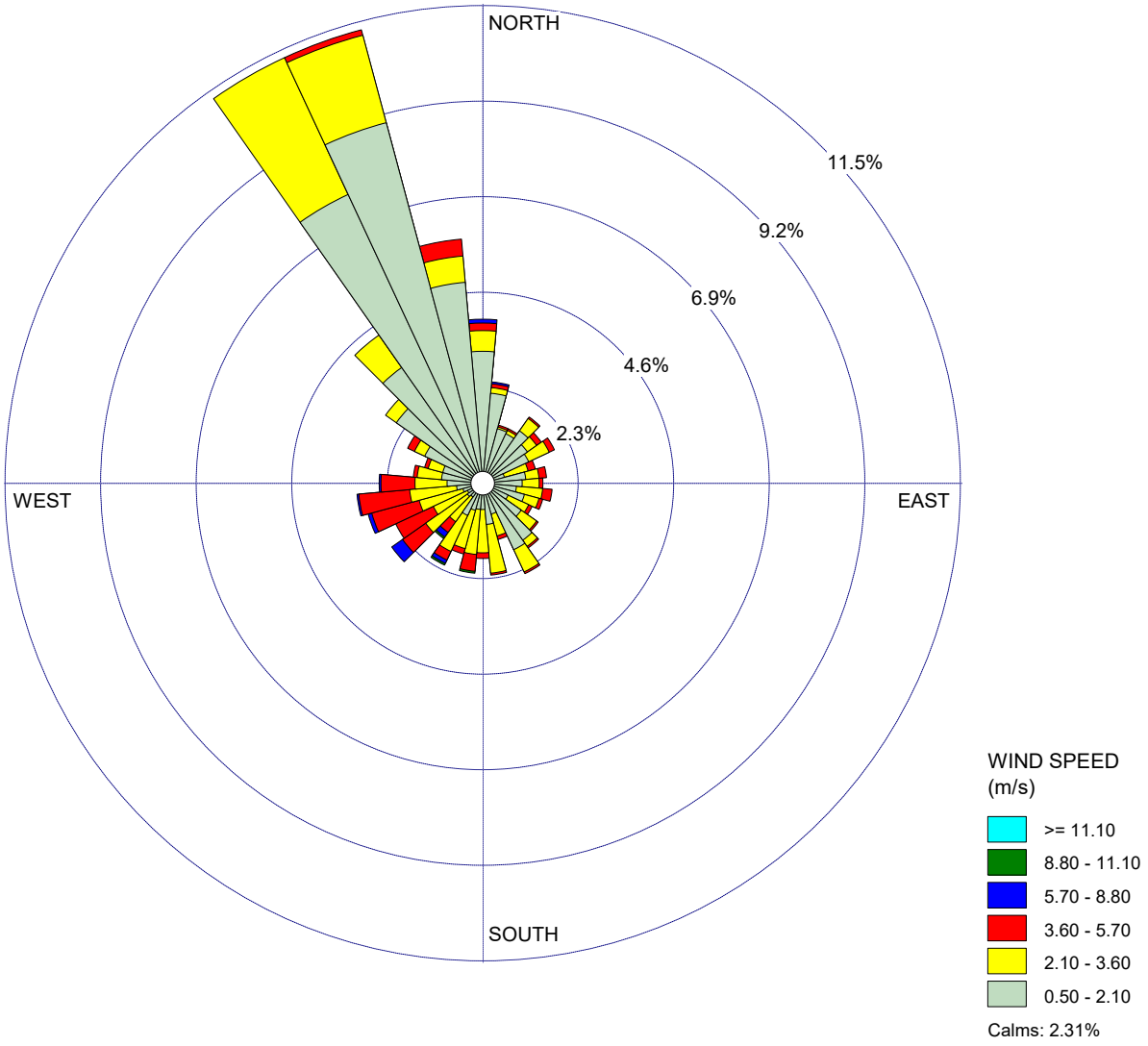
COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	Start Date: 7/1/2018 - 00:00 **End Date: 9/30/2018 - 23:59**	MODELER:	
	CALM WINDS: **1.09%**	TOTAL COUNT: **2205 hrs.**	
	AVG. WIND SPEED: **2.42 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2018 Wind Rose (October - December)

DISPLAY:

Wind Speed
Direction (blowing from)



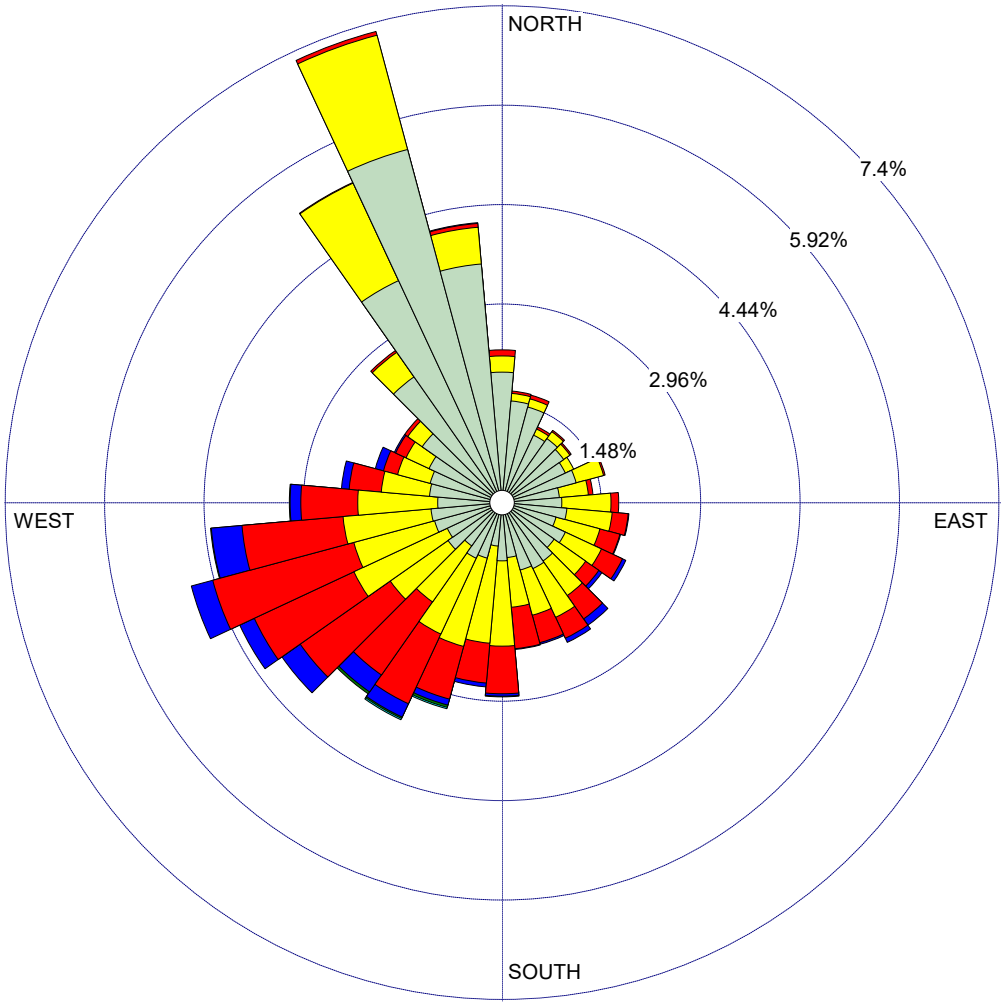
COMMENTS:	DATA PERIOD: **Start Date: 10/1/2018 - 00:00** **End Date: 12/31/2018 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **2.31%**	TOTAL COUNT: **2190 hrs.**	
	AVG. WIND SPEED: **2.10 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2019 Annual Wind Rose

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 3.74%

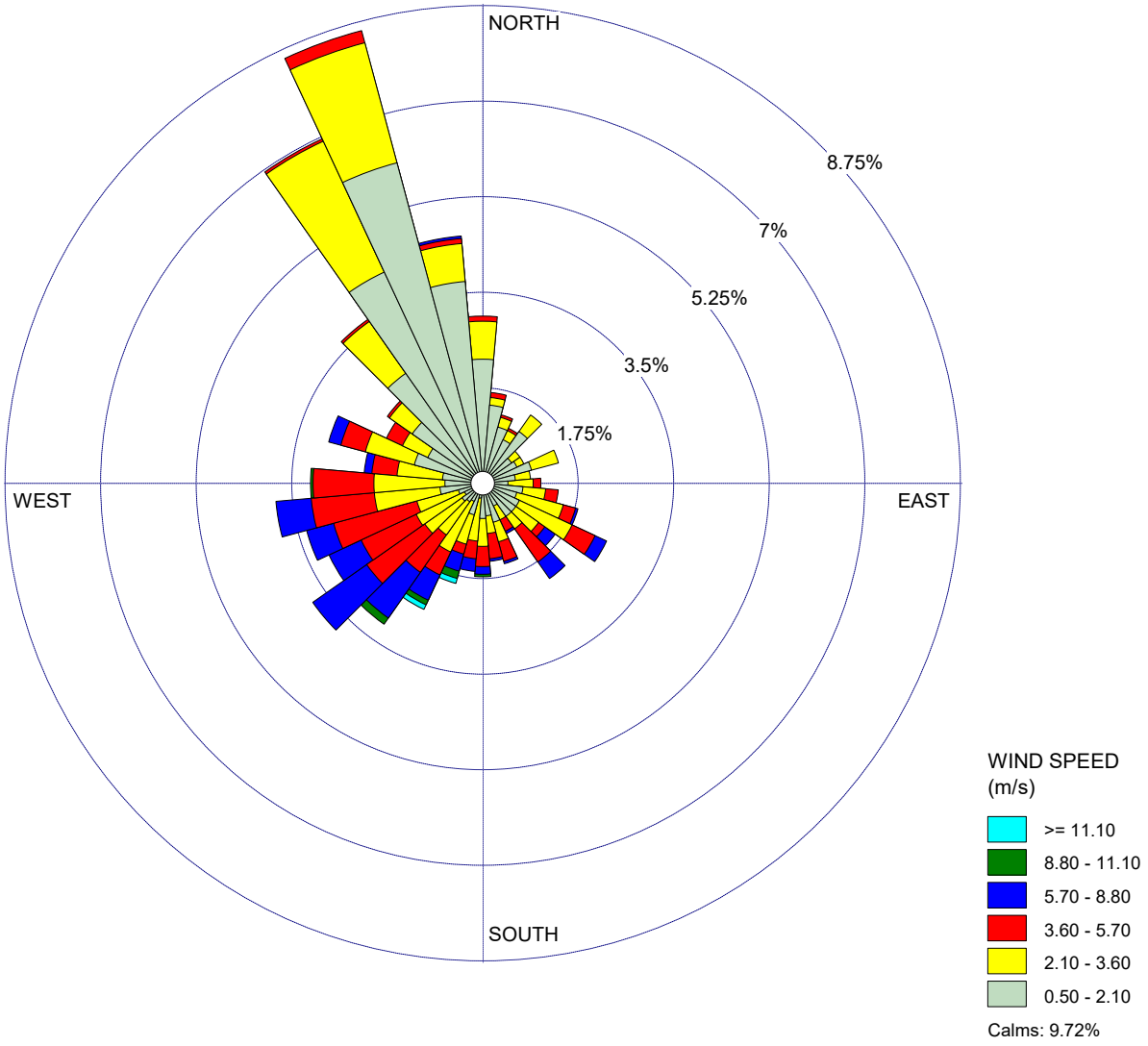
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2019 - 00:00** **End Date: 12/31/2019 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **3.74%**	TOTAL COUNT: **8693 hrs.**	
	AVG. WIND SPEED: **2.42 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2019 Wind Rose (January - March)

DISPLAY:

Wind Speed
Direction (blowing from)



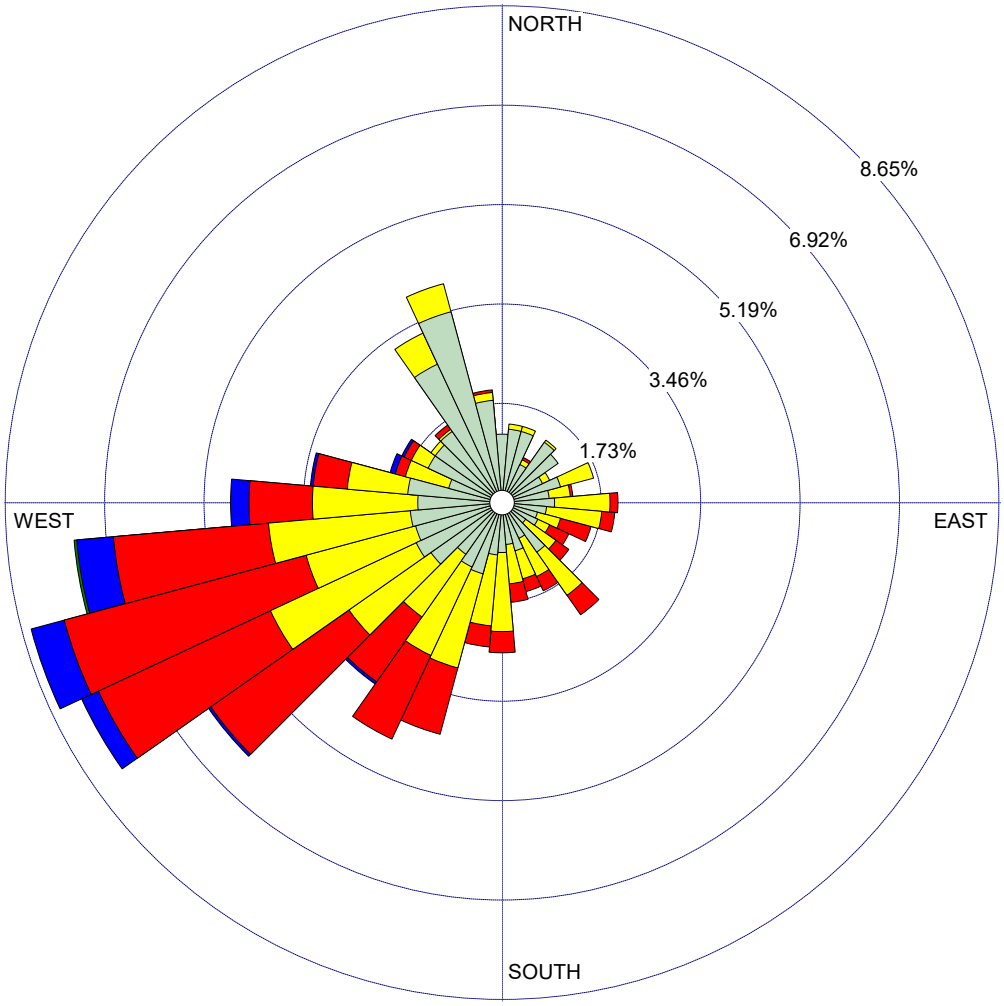
COMMENTS:	DATA PERIOD: **Start Date: 1/1/2019 - 00:00** **End Date: 3/31/2019 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **9.72%**	TOTAL COUNT: **2113 hrs.**	
	AVG. WIND SPEED: **2.51 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2019 Wind Rose (April - June)

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 0.87%

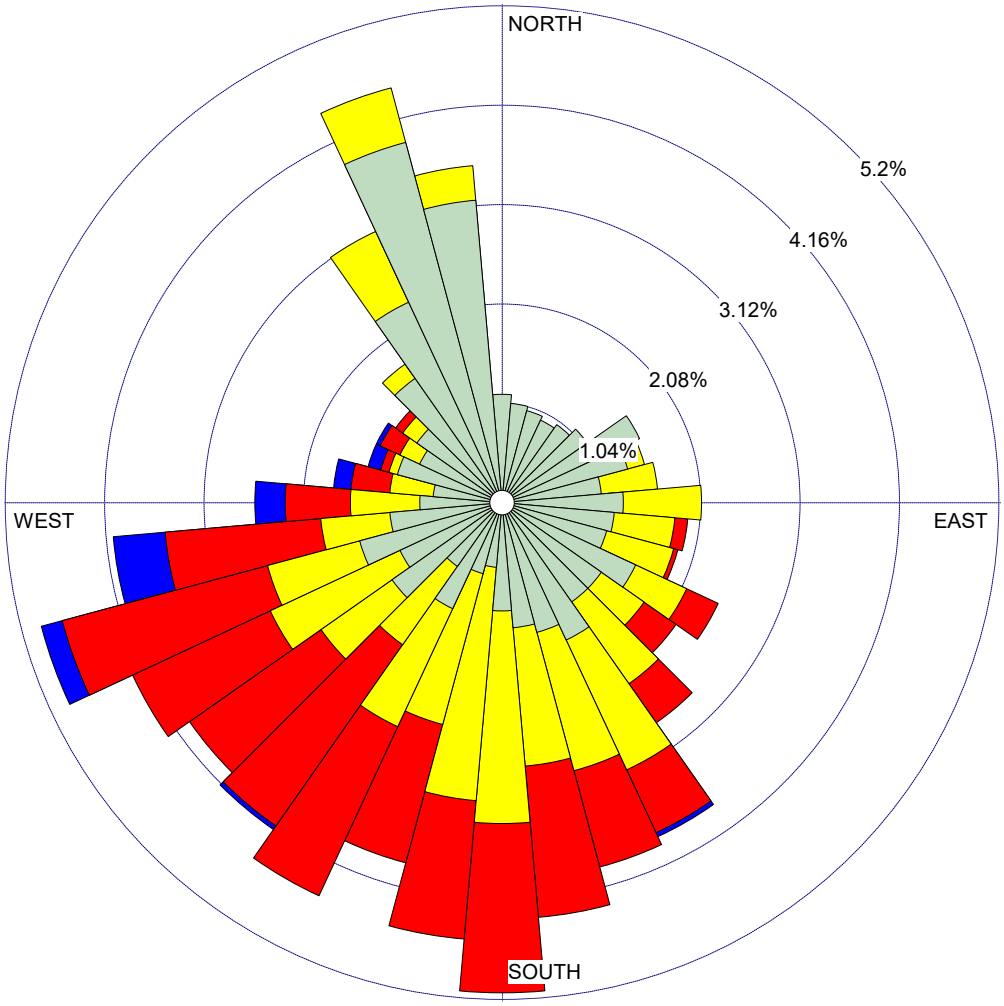
COMMENTS:	DATA PERIOD: **Start Date: 4/1/2019 - 00:00** **End Date: 6/30/2019 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **0.87%**	TOTAL COUNT: **2182 hrs.**	
	AVG. WIND SPEED: **2.63 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2019 Wind Rose (July - September)

DISPLAY:

Wind Speed
Direction (blowing from)



WIND SPEED
(m/s)

- >= 11.10
- 8.80 - 11.10
- 5.70 - 8.80
- 3.60 - 5.70
- 2.10 - 3.60
- 0.50 - 2.10

Calms: 1.90%

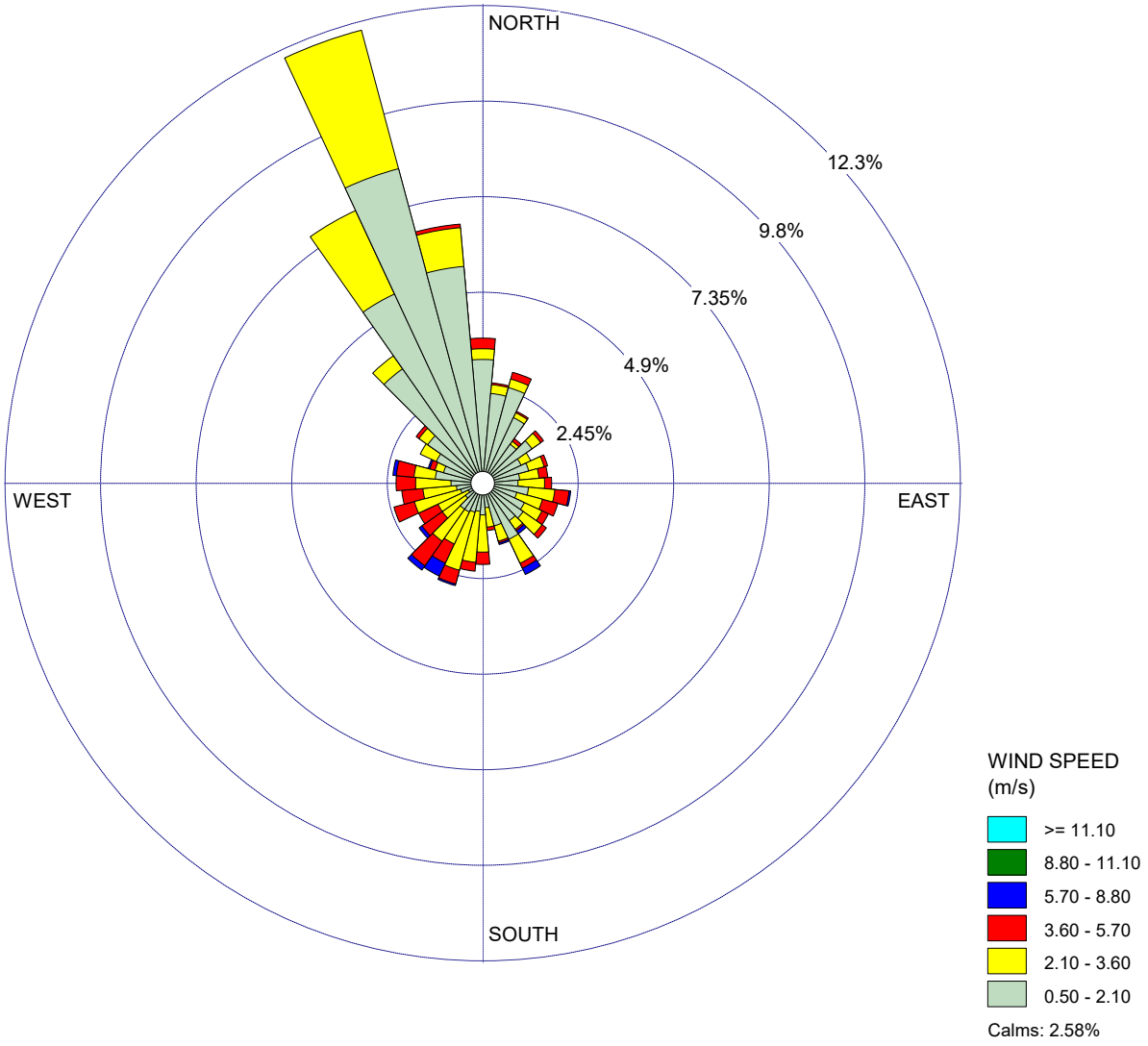
COMMENTS:	DATA PERIOD: **Start Date: 7/1/2019 - 00:00** **End Date: 9/30/2019 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **1.90%**	TOTAL COUNT: **2198 hrs.**	
	AVG. WIND SPEED: **2.47 m/s**	DATE: **4/28/2026**	PROJECT NO.:

WIND ROSE PLOT:

2019 Wind Rose (October - December)

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD: **Start Date: 10/1/2019 - 00:00** **End Date: 12/31/2019 - 23:59**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **2.58%**	TOTAL COUNT: **2200 hrs.**	
	AVG. WIND SPEED: **2.07 m/s**	DATE: **4/28/2026**	PROJECT NO.:

36.939N 121.790W UA_ID: 23230 SF_ID: 23277 OS_ID: VERSION: 21112 THRESH_1MIN = 0.50 m/s; ADJ_U* CCVR_Sub TEMP_Sub

```
15  1  1   1  1   -6.1  0.100 -9.000 -9.000 -999.   76.    14.8  0.0270   0.83   1.00    1.65  348.0   10.0  275.4    2.0     0
0.00    61.  1013.     0 ADJ-A1  NoSubs
15  1  1   1  2  -15.8  0.163 -9.000 -9.000 -999.  158.    29.1  0.0230   0.83   1.00    2.67  319.0   10.0  274.9    2.0     0
0.00    63.  1013.     0 ADJ-A1  NoSubs
15  1  1   1  3   -3.7  0.078 -9.000 -9.000 -999.   55.    11.6  0.0230   0.83   1.00    1.30  328.0   10.0  274.9    2.0     0
0.00    63.  1013.     0 ADJ-A1  NoSubs
15  1  1   1  4   -5.3  0.093 -9.000 -9.000 -999.   68.    13.8  0.0270   0.83   1.00    1.54  345.0   10.0  274.2    2.0     0
0.00    69.  1013.     0 ADJ-A1  NoSubs
15  1  1   1  5   -4.7  0.088 -9.000 -9.000 -999.   62.    13.0  0.0270   0.83   1.00    1.45  346.0   10.0  273.1    2.0     0
0.00    75.  1013.     0 ADJ-A1  NoSubs
15  1  1   1  6   -6.2  0.101 -9.000 -9.000 -999.   77.    14.9  0.0270   0.83   1.00    1.67  344.0   10.0  273.1    2.0     0
0.00    72.  1013.     0 ADJ-A1  NoSubs
15  1  1   1  7   -2.6  0.068 -9.000 -9.000 -999.   42.    10.7  0.0200   0.83   1.00    1.08   75.0   10.0  273.1    2.0     0
0.00    69.  1013.     0 ADJ-A1  NoSubs
15  1  1   1  8   -3.1  0.071 -9.000 -9.000 -999.   46.    10.7  0.0180   0.83   0.72    1.21  294.0   10.0  273.1    2.0     0
0.00    75.  1014.     0 ADJ-A1  NoSubs
15  1  1   1  9   -0.1  0.066 -9.000 -9.000 -999.   41.   488.4  0.0180   0.83   0.38    1.06  280.0   10.0  277.0    2.0     0
0.00    61.  1015.     0 ADJ-A1  NoSubs
15  1  1   1 10   44.4  0.168  0.765  0.010  366.  165.    -9.7  0.0230   0.83   0.26    2.08  118.0   10.0  280.4    2.0     0
0.00    51.  1015.     0 ADJ-A1  NoSubs
15  1  1   1 11   78.4  0.181  0.951  0.009  397.  185.    -6.9  0.0280   0.83   0.22    2.08  130.0   10.0  283.8    2.0     0
0.00    38.  1015.     0 ADJ-A1  NoSubs
15  1  1   1 12   97.7  0.248  1.054  0.007  433.  296.   -14.1  0.0230   0.83   0.20    3.18   90.0   10.0  286.4    2.0     0
0.00    29.  1014.     0 ADJ-A1  NoSubs
15  1  1   1 13  100.7  0.163  1.128  0.006  516.  160.    -3.9  0.0230   0.83   0.20    1.81  114.0   10.0  287.0    2.0     0
0.00    27.  1013.     0 ADJ-A1  NoSubs
15  1  1   1 14   87.8  0.152  1.099  0.005  546.  142.    -3.6  0.0280   0.83   0.21    1.60  141.0   10.0  287.5    2.0     0
0.00    27.  1013.     0 ADJ-A1  NoSubs
15  1  1   1 15   59.1  0.212  0.974  0.005  564.  234.   -14.6  0.0170   0.83   0.24    2.89  190.0   10.0  286.4    2.0     0
0.00    36.  1013.     0 ADJ-A1  NoSubs
15  1  1   1 16   17.8  0.195  0.655  0.005  570.  207.   -37.6  0.0210   0.83   0.32    2.74  232.0   10.0  285.9    2.0     0
0.00    37.  1014.     0 ADJ-A1  NoSubs
15  1  1   1 17   -3.0  0.073 -9.000 -9.000 -999.   60.    11.8  0.0180   0.83   0.55    1.28  256.0   10.0  284.9    2.0     0
0.00    39.  1014.     0 ADJ-A1  NoSubs
15  1  1   1 18   -2.8  0.069 -9.000 -9.000 -999.   44.    10.6  0.0180   0.83   1.00    1.16  297.0   10.0  281.4    2.0     0
0.00    55.  1015.     0 ADJ-A1  NoSubs
15  1  1   1 19  -12.1  0.143 -9.000 -9.000 -999.  129.    22.4  0.0230   0.83   1.00    2.36  314.0   10.0  280.4    2.0     0
0.00    60.  1015.     0 ADJ-SFC NoSubs
15  1  1   1 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.0228   0.83   1.00    0.00    0.0   10.0  279.2    2.0     0
0.00    67.  1015.     0 ADJ-SFC NoSubs
15  1  1   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.0228   0.83   1.00    0.00    0.0   10.0  278.8    2.0     0
0.00    70.  1015.     0 ADJ-SFC NoSubs
15  1  1   1 22   -6.6  0.104 -9.000 -9.000 -999.   80.    15.3  0.0230   0.83   1.00    1.76  302.0   10.0  277.5    2.0     0
0.00    79.  1015.     0 ADJ-SFC NoSubs
15  1  1   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.0228   0.83   1.00    0.00    0.0   10.0  276.4    2.0     0
0.00    78.  1015.     5 ADJ-SFC NoSubs
15  1  1   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.0228   0.83   1.00    0.00    0.0   10.0  275.4    2.0     0
0.00    85.  1016.     3 ADJ-SFC NoSubs
15  1  2   2  1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.0228   0.83   1.00    0.00    0.0   10.0  275.9    2.0     0
0.00    88.  1016.     0 ADJ-SFC NoSubs
15  1  2   2  2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.0228   0.83   1.00    0.00    0.0   10.0  276.4    2.0     0
```

0.00 85. 1016. 0 ADJ-SFC NoSubs
15 1 2 2 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 275.4 2.0 0
0.00 85. 1016. 0 ADJ-SFC NoSubs
15 1 2 2 4 -1.5 0.060 -9.000 -9.000 -999. 35. 13.0 0.0280 0.83 1.00 0.67 144.0 10.0 275.4 2.0 0
0.00 78. 1016. 0 ADJ-A1 NoSubs
15 1 2 2 5 -4.8 0.087 -9.000 -9.000 -999. 62. 12.5 0.0180 0.83 1.00 1.54 289.0 10.0 274.2 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
15 1 2 2 6 -2.9 0.071 -9.000 -9.000 -999. 45. 11.1 0.0240 0.83 1.00 1.13 39.0 10.0 274.2 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
15 1 2 2 7 -3.5 0.075 -9.000 -9.000 -999. 50. 11.0 0.0180 0.83 1.00 1.30 280.0 10.0 273.8 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
15 1 2 2 8 -2.3 0.065 -9.000 -9.000 -999. 40. 11.0 0.0230 0.83 0.72 0.97 305.0 10.0 274.9 2.0 0
0.00 84. 1017. 0 ADJ-A1 NoSubs
15 1 2 2 9 -0.0 0.058 -9.000 -9.000 -999. 33. 451.5 0.0230 0.83 0.38 0.89 316.0 10.0 277.5 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
15 1 2 2 10 44.3 0.134 0.572 0.008 153. 118. -4.9 0.0230 0.83 0.26 1.54 108.0 10.0 279.9 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
15 1 2 2 11 78.3 0.225 0.953 0.008 400. 256. -13.2 0.0200 0.83 0.22 2.95 86.0 10.0 282.5 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
15 1 2 2 12 97.7 0.192 1.070 0.007 454. 202. -6.6 0.0200 0.83 0.20 2.35 80.0 10.0 285.4 2.0 0
0.00 44. 1015. 0 ADJ-A1 NoSubs
15 1 2 2 13 101.0 0.152 1.145 0.007 538. 143. -3.2 0.0230 0.83 0.20 1.65 104.0 10.0 286.4 2.0 0
0.00 43. 1014. 0 ADJ-A1 NoSubs
15 1 2 2 14 88.2 0.136 1.137 0.006 602. 120. -2.6 0.0280 0.83 0.21 1.37 143.0 10.0 287.0 2.0 0
0.00 39. 1013. 0 ADJ-A1 NoSubs
15 1 2 2 15 59.7 0.187 1.048 0.009 697. 195. -10.0 0.0170 0.83 0.24 2.47 196.0 10.0 286.4 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
15 1 2 2 16 18.5 0.193 0.720 0.010 731. 204. -35.5 0.0210 0.83 0.32 2.71 231.0 10.0 285.9 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
15 1 2 2 17 -5.9 0.103 -9.000 -9.000 -999. 83. 16.9 0.0180 0.83 0.55 1.81 243.0 10.0 284.2 2.0 0
0.00 56. 1014. 0 ADJ-A1 NoSubs
15 1 2 2 18 -4.3 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.83 1.00 1.43 308.0 10.0 282.0 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
15 1 2 2 19 -9.0 0.122 -9.000 -9.000 -999. 103. 18.3 0.0230 0.83 1.00 2.05 317.0 10.0 280.4 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
15 1 2 2 20 -14.4 0.156 -9.000 -9.000 -999. 147. 26.7 0.0230 0.83 1.00 2.56 316.0 10.0 279.2 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
15 1 2 2 21 -7.8 0.113 -9.000 -9.000 -999. 92. 16.8 0.0230 0.83 1.00 1.91 315.0 10.0 279.2 2.0 0
0.00 75. 1016. 0 ADJ-A1 NoSubs
15 1 2 2 22 -10.1 0.129 -9.000 -9.000 -999. 112. 19.4 0.0230 0.83 1.00 2.16 310.0 10.0 278.1 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
15 1 2 2 23 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.76 323.0 10.0 278.1 2.0 0
0.00 75. 1016. 0 ADJ-A1 NoSubs
15 1 2 2 24 -2.5 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.83 1.00 1.03 28.0 10.0 277.0 2.0 0
0.00 81. 1016. 0 ADJ-A1 NoSubs
15 1 3 3 1 -3.9 0.080 -9.000 -9.000 -999. 54. 11.9 0.0240 0.83 1.00 1.33 40.0 10.0 277.0 2.0 0
0.00 75. 1016. 0 ADJ-A1 NoSubs
15 1 3 3 2 -2.8 0.070 -9.000 -9.000 -999. 45. 11.0 0.0240 0.83 1.00 1.11 46.0 10.0 276.4 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
15 1 3 3 3 -4.7 0.086 -9.000 -9.000 -999. 61. 12.4 0.0180 0.83 1.00 1.52 285.0 10.0 275.4 2.0 0
0.00 81. 1017. 0 ADJ-A1 NoSubs
15 1 3 3 4 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0270 0.83 1.00 1.38 332.0 10.0 275.9 2.0 0
0.00 81. 1017. 0 ADJ-A1 NoSubs
15 1 3 3 5 -3.5 0.075 -9.000 -9.000 -999. 49. 11.1 0.0180 0.83 1.00 1.30 289.0 10.0 275.4 2.0 0

0.00 81. 1017. 0 ADJ-A1 NoSubs
15 1 3 3 6 -2.9 0.071 -9.000 -9.000 -999. 45. 11.1 0.0240 0.83 1.00 1.13 44.0 10.0 275.9 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
15 1 3 3 7 -3.7 0.077 -9.000 -9.000 -999. 51. 11.2 0.0170 0.83 1.00 1.35 199.0 10.0 274.9 2.0 0
0.00 84. 1018. 0 ADJ-A1 NoSubs
15 1 3 3 8 -3.7 0.078 -9.000 -9.000 -999. 52. 11.6 0.0230 0.83 0.72 1.30 306.0 10.0 274.9 2.0 0
0.00 84. 1018. 0 ADJ-A1 NoSubs
15 1 3 3 9 0.0 0.058 0.013 0.013 2. 33. -411.7 0.0170 0.83 0.38 0.91 207.0 10.0 278.8 2.0 0
0.00 72. 1018. 0 ADJ-A1 NoSubs
15 1 3 3 10 44.6 0.130 0.529 0.011 121. 113. -4.5 0.0200 0.83 0.26 1.53 78.0 10.0 280.9 2.0 0
0.00 65. 1019. 0 ADJ-A1 NoSubs
15 1 3 3 11 78.8 0.126 0.771 0.009 211. 107. -2.3 0.0280 0.83 0.22 1.25 123.0 10.0 283.8 2.0 0
0.00 55. 1019. 0 ADJ-A1 NoSubs
15 1 3 3 12 98.4 0.153 1.011 0.009 381. 144. -3.3 0.0230 0.83 0.20 1.67 117.0 10.0 286.4 2.0 0
0.00 48. 1018. 0 ADJ-A1 NoSubs
15 1 3 3 13 101.9 0.160 1.126 0.008 508. 154. -3.7 0.0230 0.83 0.20 1.77 98.0 10.0 288.1 2.0 0
0.00 41. 1017. 0 ADJ-A1 NoSubs
15 1 3 3 14 89.3 0.188 1.127 0.009 582. 195. -6.7 0.0310 0.83 0.21 2.10 162.0 10.0 288.8 2.0 0
0.00 45. 1018. 0 ADJ-A1 NoSubs
15 1 3 3 15 60.9 0.244 1.015 0.010 623. 289. -21.6 0.0210 0.83 0.24 3.30 224.0 10.0 288.1 2.0 0
0.00 50. 1018. 0 ADJ-A1 NoSubs
15 1 3 3 16 19.3 0.181 0.696 0.010 634. 186. -28.0 0.0210 0.83 0.32 2.50 211.0 10.0 286.4 2.0 0
0.00 56. 1018. 0 ADJ-A1 NoSubs
15 1 3 3 17 -6.0 0.105 -9.000 -9.000 -999. 83. 17.5 0.0210 0.83 0.54 1.79 224.0 10.0 284.9 2.0 0
0.00 63. 1019. 0 ADJ-A1 NoSubs
15 1 3 3 18 -2.7 0.069 -9.000 -9.000 -999. 44. 11.3 0.0280 0.83 1.00 1.06 126.0 10.0 283.8 2.0 0
0.00 68. 1019. 0 ADJ-A1 NoSubs
15 1 3 3 19 -12.6 0.145 -9.000 -9.000 -999. 133. 23.2 0.0230 0.83 1.00 2.40 317.0 10.0 281.4 2.0 0
0.00 73. 1020. 0 ADJ-A1 NoSubs
15 1 3 3 20 -10.1 0.130 -9.000 -9.000 -999. 112. 19.5 0.0230 0.83 1.00 2.16 316.0 10.0 280.9 2.0 0
0.00 76. 1020. 0 ADJ-A1 NoSubs
15 1 3 3 21 -10.6 0.133 -9.000 -9.000 -999. 116. 20.0 0.0230 0.83 1.00 2.21 309.0 10.0 280.4 2.0 0
0.00 76. 1020. 0 ADJ-A1 NoSubs
15 1 3 3 22 -13.1 0.148 -9.000 -9.000 -999. 136. 24.0 0.0230 0.83 1.00 2.44 312.0 10.0 279.9 2.0 0
0.00 76. 1020. 0 ADJ-A1 NoSubs
15 1 3 3 23 -8.4 0.116 -9.000 -9.000 -999. 95. 17.0 0.0180 0.83 1.00 2.03 295.0 10.0 279.2 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
15 1 3 3 24 -5.0 0.090 -9.000 -9.000 -999. 65. 13.2 0.0230 0.83 1.00 1.53 308.0 10.0 278.8 2.0 0
0.00 78. 1021. 0 ADJ-A1 NoSubs
15 1 4 4 1 -4.1 0.081 -9.000 -9.000 -999. 56. 12.0 0.0230 0.83 1.00 1.37 319.0 10.0 277.5 2.0 0
0.00 85. 1021. 0 ADJ-A1 NoSubs
15 1 4 4 2 -14.7 0.156 -9.000 -9.000 -999. 148. 26.9 0.0230 0.83 1.00 2.57 318.0 10.0 277.5 2.0 0
0.00 82. 1021. 0 ADJ-A1 NoSubs
15 1 4 4 3 -4.5 0.086 -9.000 -9.000 -999. 61. 12.6 0.0230 0.83 1.00 1.45 313.0 10.0 277.0 2.0 0
0.00 85. 1021. 0 ADJ-A1 NoSubs
15 1 4 4 4 -3.6 0.077 -9.000 -9.000 -999. 51. 11.4 0.0210 0.83 1.00 1.30 220.0 10.0 277.0 2.0 0
0.00 85. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 5 -3.5 0.076 -9.000 -9.000 -999. 50. 11.4 0.0230 0.83 1.00 1.26 303.0 10.0 277.0 2.0 0
0.00 85. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 6 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 1.00 1.06 344.0 10.0 277.0 2.0 0
0.00 85. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 7 -3.9 0.079 -9.000 -9.000 -999. 53. 11.5 0.0180 0.83 1.00 1.38 269.0 10.0 277.0 2.0 0
0.00 85. 1023. 0 ADJ-A1 NoSubs
15 1 4 4 8 -2.5 0.066 -9.000 -9.000 -999. 41. 10.5 0.0180 0.83 0.72 1.06 273.0 10.0 277.5 2.0 0

0.00 85. 1024. 0 ADJ-A1 NoSubs
15 1 4 4 9 0.3 0.089 0.026 0.013 3. 64. -257.7 0.0210 0.83 0.38 1.35 237.0 10.0 279.9 2.0 0
0.00 78. 1024. 0 ADJ-A1 NoSubs
15 1 4 4 10 45.0 0.170 0.494 0.011 97. 169. -10.0 0.0240 0.83 0.26 2.10 56.0 10.0 282.0 2.0 0
0.00 67. 1023. 0 ADJ-A1 NoSubs
15 1 4 4 11 79.5 0.147 0.842 0.011 274. 135. -3.6 0.0230 0.83 0.22 1.62 306.0 10.0 285.4 2.0 0
0.00 58. 1024. 0 ADJ-A1 NoSubs
15 1 4 4 12 98.9 0.201 1.036 0.012 409. 216. -7.4 0.0230 0.83 0.20 2.42 105.0 10.0 287.0 2.0 0
0.00 50. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 13 103.0 0.135 1.105 0.012 477. 120. -2.2 0.0280 0.83 0.20 1.32 147.0 10.0 289.9 2.0 0
0.00 40. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 14 90.5 0.155 1.095 0.011 529. 146. -3.7 0.0310 0.83 0.21 1.60 177.0 10.0 290.4 2.0 0
0.00 40. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 15 62.2 0.168 0.986 0.011 561. 165. -7.0 0.0310 0.83 0.24 1.89 174.0 10.0 289.9 2.0 0
0.00 49. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 16 20.2 0.205 0.681 0.011 569. 222. -38.8 0.0180 0.83 0.32 2.96 244.0 10.0 287.0 2.0 0
0.00 63. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 17 -6.6 0.111 -9.000 -9.000 -999. 92. 18.9 0.0210 0.83 0.54 1.88 213.0 10.0 287.0 2.0 0
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15 1 4 4 18 -1.8 0.061 -9.000 -9.000 -999. 37. 11.3 0.0230 0.83 1.00 0.84 304.0 10.0 285.4 2.0 0
0.00 74. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 19 -2.7 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.83 1.00 1.08 314.0 10.0 283.8 2.0 0
0.00 73. 1022. 0 ADJ-A1 NoSubs
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0.00 76. 1022. 0 ADJ-A1 NoSubs
15 1 4 4 21 -8.0 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.83 1.00 1.93 319.0 10.0 281.4 2.0 0
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0.00 79. 1022. 0 ADJ-A1 NoSubs
15 1 5 5 1 -4.0 0.081 -9.000 -9.000 -999. 56. 12.3 0.0270 0.83 1.00 1.33 331.0 10.0 280.4 2.0 0
0.00 76. 1022. 0 ADJ-A1 NoSubs
15 1 5 5 2 -5.3 0.094 -9.000 -9.000 -999. 69. 14.0 0.0270 0.83 1.00 1.55 347.0 10.0 281.4 2.0 0
0.00 62. 1022. 0 ADJ-A1 NoSubs
15 1 5 5 3 -9.1 0.123 -9.000 -9.000 -999. 103. 18.4 0.0240 0.83 1.00 2.04 44.0 10.0 280.4 2.0 0
0.00 70. 1022. 0 ADJ-A1 NoSubs
15 1 5 5 4 -8.5 0.118 -9.000 -9.000 -999. 97. 17.6 0.0230 0.83 1.00 1.98 318.0 10.0 279.9 2.0 0
0.00 76. 1022. 0 ADJ-A1 NoSubs
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0.00 72. 1021. 0 ADJ-A1 NoSubs
15 1 5 5 6 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 26.0 10.0 279.9 2.0 0
0.00 70. 1021. 0 ADJ-A1 NoSubs
15 1 5 5 7 -9.6 0.127 -9.000 -9.000 -999. 108. 19.2 0.0270 0.83 1.00 2.06 346.0 10.0 278.8 2.0 0
0.00 75. 1022. 0 ADJ-A1 NoSubs
15 1 5 5 8 -6.2 0.101 -9.000 -9.000 -999. 77. 15.1 0.0270 0.83 0.72 1.67 345.0 10.0 279.9 2.0 0
0.00 72. 1022. 0 ADJ-A1 NoSubs
15 1 5 5 9 1.0 0.100 0.057 0.015 7. 76. -92.4 0.0230 0.83 0.38 1.45 25.0 10.0 283.1 2.0 0 0.00
62. 1022. 0 ADJ-A1 NoSubs
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15 1 5 5 11 81.0 0.262 0.751 0.017 190. 322. -20.2 0.0200 0.83 0.22 3.56 89.0 10.0 289.2 2.0 0

0.00 43. 1020. 0 ADJ-A1 NoSubs
15 1 5 5 12 101.9 0.159 0.973 0.018 329. 157. -3.6 0.0200 0.83 0.20 1.81 69.0 10.0 293.8 2.0 0
0.00 31. 1020. 0 ADJ-A1 NoSubs
15 1 5 5 13 105.4 0.228 1.080 0.019 435. 260. -10.2 0.0200 0.83 0.20 2.91 72.0 10.0 294.2 2.0 0
0.00 34. 1018. 0 ADJ-A1 NoSubs
15 1 5 5 14 93.2 0.228 1.095 0.018 511. 262. -11.6 0.0230 0.83 0.21 2.88 90.0 10.0 295.4 2.0 0
0.00 32. 1018. 0 ADJ-A1 NoSubs
15 1 5 5 15 65.0 0.230 0.999 0.017 557. 264. -16.9 0.0200 0.83 0.24 3.08 87.0 10.0 294.9 2.0 0
0.00 35. 1017. 0 ADJ-A1 NoSubs
15 1 5 5 16 23.4 0.211 0.718 0.017 572. 232. -36.2 0.0200 0.83 0.31 2.98 85.0 10.0 293.8 2.0 0
0.00 40. 1017. 0 ADJ-A1 NoSubs
15 1 5 5 17 -15.5 0.208 -9.000 -9.000 -999. 228. 52.6 0.0200 0.83 0.53 3.42 83.0 10.0 290.4 2.0 0
0.00 47. 1017. 0 ADJ-A1 NoSubs
15 1 5 5 18 -21.2 0.215 -9.000 -9.000 -999. 239. 50.9 0.0200 0.83 1.00 3.55 82.0 10.0 288.1 2.0 0
0.00 50. 1017. 0 ADJ-A1 NoSubs
15 1 5 5 19 -4.3 0.084 -9.000 -9.000 -999. 73. 12.7 0.0240 0.83 1.00 1.42 38.0 10.0 287.0 2.0 0
0.00 54. 1017. 0 ADJ-A1 NoSubs
15 1 5 5 20 -9.1 0.123 -9.000 -9.000 -999. 104. 18.6 0.0230 0.83 1.00 2.06 304.0 10.0 285.4 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
15 1 5 5 21 -5.9 0.099 -9.000 -9.000 -999. 75. 15.0 0.0270 0.83 1.00 1.64 346.0 10.0 284.9 2.0 0
0.00 65. 1017. 0 ADJ-A1 NoSubs
15 1 5 5 22 -9.6 0.127 -9.000 -9.000 -999. 108. 19.3 0.0240 0.83 1.00 2.10 52.0 10.0 285.4 2.0 0
0.00 58. 1017. 0 ADJ-A1 NoSubs
15 1 5 5 23 -7.0 0.107 -9.000 -9.000 -999. 84. 16.0 0.0230 0.83 1.00 1.81 11.0 10.0 283.8 2.0 0
0.00 65. 1017. 0 ADJ-A1 NoSubs
15 1 5 5 24 -5.9 0.098 -9.000 -9.000 -999. 74. 14.6 0.0230 0.83 1.00 1.67 12.0 10.0 283.8 2.0 0
0.00 63. 1017. 0 ADJ-A1 NoSubs
15 1 6 6 1 -5.2 0.092 -9.000 -9.000 -999. 67. 13.7 0.0230 0.83 1.00 1.57 23.0 10.0 283.8 2.0 0
0.00 60. 1017. 0 ADJ-A1 NoSubs
15 1 6 6 2 -3.6 0.078 -9.000 -9.000 -999. 52. 11.7 0.0230 0.83 1.00 1.30 10.0 10.0 282.0 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
15 1 6 6 3 -3.6 0.078 -9.000 -9.000 -999. 52. 11.9 0.0270 0.83 1.00 1.26 347.0 10.0 281.4 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
15 1 6 6 4 -2.8 0.070 -9.000 -9.000 -999. 44. 11.0 0.0230 0.83 1.00 1.11 310.0 10.0 280.9 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
15 1 6 6 5 -2.6 0.068 -9.000 -9.000 -999. 43. 11.2 0.0270 0.83 1.00 1.04 356.0 10.0 280.9 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
15 1 6 6 6 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 14.0 10.0 282.5 2.0 0
0.00 63. 1017. 0 ADJ-A1 NoSubs
15 1 6 6 7 -8.0 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.83 1.00 1.93 98.0 10.0 280.9 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
15 1 6 6 8 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 0.72 1.20 359.0 10.0 280.9 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
15 1 6 6 9 1.5 0.096 0.066 0.023 7. 72. -53.8 0.0210 0.83 0.38 1.38 222.0 10.0 284.9 2.0 0 0.00
60. 1018. 0 ADJ-A1 NoSubs
15 1 6 6 10 46.8 0.132 0.516 0.022 106. 115. -4.4 0.0280 0.83 0.26 1.43 144.0 10.0 287.5 2.0 0
0.00 50. 1019. 0 ADJ-A1 NoSubs
15 1 6 6 11 82.0 0.191 0.741 0.019 180. 201. -7.8 0.0240 0.83 0.22 2.30 56.0 10.0 290.9 2.0 0
0.00 42. 1018. 0 ADJ-A1 NoSubs
15 1 6 6 12 101.8 0.197 0.937 0.020 293. 210. -6.8 0.0200 0.83 0.20 2.42 82.0 10.0 292.5 2.0 0
0.00 43. 1016. 0 ADJ-A1 NoSubs
15 1 6 6 13 106.2 0.201 1.035 0.019 379. 216. -6.9 0.0200 0.83 0.20 2.47 83.0 10.0 294.9 2.0 0
0.00 38. 1016. 0 ADJ-A1 NoSubs
15 1 6 6 14 94.2 0.223 1.033 0.018 423. 252. -10.6 0.0200 0.83 0.21 2.86 71.0 10.0 295.9 2.0 0

0.00 36. 1015. 0 ADJ-A1 NoSubs
15 1 6 6 15 66.5 0.156 0.937 0.017 447. 149. -5.2 0.0200 0.83 0.24 1.86 79.0 10.0 296.4 2.0 0
0.00 36. 1015. 0 ADJ-A1 Sub_CC
15 1 6 6 16 25.0 0.199 0.680 0.017 455. 214. -28.7 0.0200 0.83 0.31 2.78 78.0 10.0 295.4 2.0 0
0.00 40. 1015. 0 ADJ-A1 NoSubs
15 1 6 6 17 -10.1 0.143 -9.000 -9.000 -999. 130. 26.2 0.0200 0.83 0.53 2.39 68.0 10.0 293.8 2.0 0
0.00 43. 1015. 0 ADJ-A1 NoSubs
15 1 6 6 18 -4.6 0.088 -9.000 -9.000 -999. 63. 13.2 0.0240 0.83 1.00 1.48 56.0 10.0 290.4 2.0 0
0.00 51. 1015. 0 ADJ-A1 NoSubs
15 1 6 6 19 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.83 1.00 1.37 6.0 10.0 288.1 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
15 1 6 6 20 -4.2 0.082 -9.000 -9.000 -999. 57. 12.1 0.0180 0.83 1.00 1.45 290.0 10.0 286.4 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
15 1 6 6 21 -3.2 0.073 -9.000 -9.000 -999. 47. 10.9 0.0180 0.83 1.00 1.25 258.0 10.0 284.9 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
15 1 6 6 22 -3.6 0.077 -9.000 -9.000 -999. 51. 11.6 0.0210 0.83 1.00 1.31 234.0 10.0 284.2 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
15 1 6 6 23 -5.5 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.83 1.00 1.62 3.0 10.0 283.8 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
15 1 6 6 24 -2.5 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.83 1.00 1.04 326.0 10.0 283.1 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
15 1 7 7 1 -2.4 0.066 -9.000 -9.000 -999. 40. 10.5 0.0180 0.83 1.00 1.06 263.0 10.0 282.5 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
15 1 7 7 2 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 1.00 1.06 336.0 10.0 282.0 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
15 1 7 7 3 -4.1 0.081 -9.000 -9.000 -999. 56. 11.9 0.0180 0.83 1.00 1.43 240.0 10.0 282.5 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
15 1 7 7 4 -8.5 0.119 -9.000 -9.000 -999. 98. 17.9 0.0240 0.83 1.00 1.98 58.0 10.0 283.1 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
15 1 7 7 5 -15.8 0.164 -9.000 -9.000 -999. 160. 29.6 0.0240 0.83 1.00 2.67 32.0 10.0 282.0 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
15 1 7 7 6 -5.5 0.095 -9.000 -9.000 -999. 72. 14.4 0.0280 0.83 1.00 1.57 131.0 10.0 283.1 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
15 1 7 7 7 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0240 0.83 1.00 1.31 45.0 10.0 282.0 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
15 1 7 7 8 -3.1 0.073 -9.000 -9.000 -999. 47. 11.1 0.0210 0.83 0.72 1.21 227.0 10.0 283.8 2.0 0
0.00 65. 1016. 0 ADJ-A1 NoSubs
15 1 7 7 9 1.8 0.088 0.070 0.026 7. 62. -35.0 0.0230 0.83 0.38 1.21 317.0 10.0 285.4 2.0 0 0.00
63. 1017. 0 ADJ-A1 NoSubs
15 1 7 7 10 47.5 0.121 0.501 0.023 96. 101. -3.4 0.0230 0.83 0.26 1.33 21.0 10.0 288.8 2.0 0
0.00 52. 1017. 0 ADJ-A1 NoSubs
15 1 7 7 11 82.5 0.177 0.687 0.018 142. 179. -6.1 0.0200 0.83 0.22 2.15 72.0 10.0 291.4 2.0 0
0.00 44. 1016. 0 ADJ-A1 NoSubs
15 1 7 7 12 103.0 0.151 0.843 0.018 210. 140. -3.0 0.0280 0.83 0.20 1.55 120.0 10.0 294.2 2.0 0
0.00 40. 1015. 0 ADJ-A1 NoSubs
15 1 7 7 13 107.6 0.199 0.995 0.016 331. 213. -6.6 0.0200 0.83 0.20 2.44 85.0 10.0 296.4 2.0 0
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15 1 7 7 14 95.4 0.215 1.000 0.015 378. 240. -9.5 0.0230 0.83 0.21 2.66 93.0 10.0 297.0 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
15 1 7 7 15 68.2 0.235 0.906 0.014 394. 273. -17.1 0.0200 0.83 0.23 3.15 85.0 10.0 298.1 2.0 0
0.00 34. 1013. 0 ADJ-A1 NoSubs
15 1 7 7 16 26.6 0.183 0.665 0.014 399. 189. -20.9 0.0200 0.83 0.31 2.50 76.0 10.0 297.0 2.0 0
0.00 37. 1013. 0 ADJ-A1 NoSubs
15 1 7 7 17 -7.9 0.127 -9.000 -9.000 -999. 110. 23.5 0.0200 0.83 0.52 2.14 77.0 10.0 295.4 2.0 0

0.00 40. 1012. 0 ADJ-A1 NoSubs
15 1 7 7 18 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0230 0.83 1.00 1.52 5.0 10.0 290.4 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
15 1 7 7 19 -9.7 0.127 -9.000 -9.000 -999. 108. 19.1 0.0180 0.83 1.00 2.20 279.0 10.0 289.2 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
15 1 7 7 20 -4.1 0.082 -9.000 -9.000 -999. 57. 12.1 0.0180 0.83 1.00 1.45 287.0 10.0 287.5 2.0 0
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15 1 7 7 21 -12.3 0.145 -9.000 -9.000 -999. 132. 23.0 0.0230 0.83 1.00 2.39 322.0 10.0 285.4 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
15 1 7 7 22 -9.5 0.126 -9.000 -9.000 -999. 108. 19.1 0.0230 0.83 1.00 2.11 313.0 10.0 284.9 2.0 0
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15 1 7 7 23 -7.9 0.115 -9.000 -9.000 -999. 93. 17.3 0.0230 0.83 1.00 1.93 316.0 10.0 285.4 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
15 1 7 7 24 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0230 0.83 1.00 1.65 300.0 10.0 284.9 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
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0.00 74. 1012. 0 ADJ-A1 NoSubs
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0.00 74. 1013. 0 ADJ-A1 NoSubs
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0.00 76. 1013. 0 ADJ-A1 NoSubs
15 1 8 8 4 -6.8 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.83 1.00 1.76 345.0 10.0 284.2 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
15 1 8 8 5 -8.0 0.115 -9.000 -9.000 -999. 94. 17.2 0.0230 0.83 1.00 1.94 302.0 10.0 282.0 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
15 1 8 8 6 -2.5 0.066 -9.000 -9.000 -999. 41. 10.7 0.0200 0.83 1.00 1.06 75.0 10.0 283.1 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
15 1 8 8 7 -5.5 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.83 1.00 1.62 317.0 10.0 282.5 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
15 1 8 8 8 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.83 0.72 1.37 28.0 10.0 284.2 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
15 1 8 8 9 2.2 0.096 0.083 0.020 9. 71. -35.6 0.0270 0.83 0.37 1.28 347.0 10.0 286.4 2.0 0 0.00
69. 1012. 0 ADJ-A1 NoSubs
15 1 8 8 10 48.1 0.156 0.477 0.017 81. 147. -7.1 0.0170 0.83 0.26 1.98 187.0 10.0 289.9 2.0 0
0.00 55. 1013. 0 ADJ-A1 NoSubs
15 1 8 8 11 83.2 0.127 0.744 0.016 178. 109. -2.2 0.0230 0.83 0.22 1.31 103.0 10.0 292.0 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
15 1 8 8 12 102.8 0.133 0.894 0.013 251. 116. -2.1 0.0200 0.83 0.20 1.40 80.0 10.0 292.5 2.0 0
0.00 46. 1011. 0 ADJ-A1 NoSubs
15 1 8 8 13 106.4 0.105 1.001 0.012 339. 82. -1.0 0.0180 0.83 0.20 1.01 246.0 10.0 292.5 2.0 0
0.00 48. 1011. 0 ADJ-A1 NoSubs
15 1 8 8 14 94.1 0.122 1.075 0.013 476. 102. -1.7 0.0230 0.83 0.21 1.21 100.0 10.0 292.5 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
15 1 8 8 15 66.3 0.124 0.973 0.012 500. 105. -2.6 0.0200 0.83 0.23 1.35 63.0 10.0 292.5 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
15 1 8 8 16 25.6 0.095 0.713 0.011 509. 70. -3.0 0.0170 0.83 0.31 1.09 209.0 10.0 293.1 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
15 1 8 8 17 -4.4 0.094 -9.000 -9.000 -999. 69. 16.9 0.0240 0.83 0.52 1.57 38.0 10.0 291.4 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
15 1 8 8 18 -4.4 0.086 -9.000 -9.000 -999. 61. 12.9 0.0240 0.83 1.00 1.45 37.0 10.0 288.8 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
15 1 8 8 19 -6.2 0.100 -9.000 -9.000 -999. 76. 14.7 0.0180 0.83 1.00 1.77 287.0 10.0 287.0 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
15 1 8 8 20 -10.5 0.134 -9.000 -9.000 -999. 117. 20.4 0.0230 0.83 1.00 2.22 316.0 10.0 285.9 2.0 0

0.00 73. 1011. 0 ADJ-A1 NoSubs
15 1 8 8 21 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0230 0.83 1.00 1.77 323.0 10.0 284.9 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
15 1 8 8 22 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.83 1.00 1.82 307.0 10.0 285.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
15 1 8 8 23 -6.1 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.76 299.0 10.0 285.4 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
15 1 8 8 24 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.83 1.00 1.62 309.0 10.0 285.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
15 1 9 9 1 -3.4 0.075 -9.000 -9.000 -999. 50. 11.2 0.0180 0.83 1.00 1.31 264.0 10.0 284.9 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
15 1 9 9 2 -9.6 0.128 -9.000 -9.000 -999. 110. 19.6 0.0270 0.83 1.00 2.08 337.0 10.0 284.2 2.0 0
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15 1 9 9 3 -7.1 0.109 -9.000 -9.000 -999. 86. 16.3 0.0230 0.83 1.00 1.84 323.0 10.0 284.9 2.0 0
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15 1 9 9 4 -9.2 0.125 -9.000 -9.000 -999. 106. 19.0 0.0270 0.83 1.00 2.03 338.0 10.0 284.2 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
15 1 9 9 5 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.83 1.00 1.74 325.0 10.0 284.2 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
15 1 9 9 6 -4.4 0.085 -9.000 -9.000 -999. 60. 12.6 0.0210 0.83 1.00 1.47 233.0 10.0 284.2 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
15 1 9 9 7 -4.9 0.089 -9.000 -9.000 -999. 63. 12.9 0.0180 0.83 1.00 1.57 278.0 10.0 283.8 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
15 1 9 9 8 -6.3 0.101 -9.000 -9.000 -999. 78. 14.9 0.0180 0.83 0.72 1.79 298.0 10.0 283.8 2.0 0
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15 1 9 9 9 1.8 0.076 0.090 0.017 15. 50. -21.9 0.0230 0.83 0.37 1.01 24.0 10.0 284.2 2.0 0 0.00
82. 1011. 0 ADJ-A1 NoSubs
15 1 9 9 10 47.2 0.147 0.579 0.017 148. 136. -6.1 0.0230 0.83 0.26 1.74 320.0 10.0 285.9 2.0 0
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15 1 9 9 11 81.8 0.130 0.809 0.015 233. 112. -2.4 0.0170 0.83 0.22 1.45 205.0 10.0 287.0 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
15 1 9 9 12 102.5 0.131 0.950 0.014 301. 114. -2.0 0.0270 0.83 0.20 1.28 337.0 10.0 290.4 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
15 1 9 9 13 106.4 0.130 1.042 0.012 382. 112. -1.9 0.0310 0.83 0.20 1.21 164.0 10.0 290.9 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
15 1 9 9 14 94.4 0.238 1.070 0.012 467. 279. -12.9 0.0310 0.83 0.21 2.86 175.0 10.0 291.4 2.0 0
0.00 51. 1009. 0 ADJ-SFC NoSubs
15 1 9 9 15 65.9 0.309 0.980 0.012 515. 412. -40.3 0.0210 0.83 0.23 4.36 210.0 10.0 289.2 2.0 0
0.00 69. 1010. 0 ADJ-SFC NoSubs
15 1 9 9 16 24.5 0.171 0.710 0.012 525. 182. -18.5 0.0180 0.83 0.30 2.36 253.0 10.0 288.1 2.0 0
0.00 83. 1010. 0 ADJ-SFC NoSubs
15 1 9 9 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.51 0.00 0.0 10.0 287.5 2.0 0
0.00 83. 1010. 0 ADJ-SFC NoSubs
15 1 9 9 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 89. 1010. 0 ADJ-SFC NoSubs
15 1 9 9 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-SFC NoSubs
15 1 9 9 20 -6.1 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.76 291.0 10.0 285.9 2.0 0
0.00 86. 1010. 0 ADJ-SFC NoSubs
15 1 9 9 21 -6.1 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.76 259.0 10.0 285.4 2.0 0
0.00 86. 1010. 0 ADJ-SFC NoSubs
15 1 9 9 22 -12.5 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.83 1.00 2.36 340.0 10.0 285.4 2.0 0
0.00 86. 1011. 10 ADJ-SFC NoSubs
15 1 9 9 23 -7.9 0.115 -9.000 -9.000 -999. 94. 17.5 0.0270 0.83 1.00 1.89 353.0 10.0 284.2 2.0 0

0.00 89. 1010. 0 ADJ-A1 NoSubs
15 1 9 9 24 -2.9 0.070 -9.000 -9.000 -999. 45. 10.7 0.0180 0.83 1.00 1.18 287.0 10.0 283.1 2.0 0
0.00 92. 1010. 7 ADJ-A1 NoSubs
15 1 10 10 1 -8.4 0.119 -9.000 -9.000 -999. 98. 17.8 0.0230 0.83 1.00 1.99 323.0 10.0 283.8 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 1 10 10 2 -4.1 0.083 -9.000 -9.000 -999. 57. 12.4 0.0230 0.83 1.00 1.40 329.0 10.0 284.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 1 10 10 3 -6.9 0.106 -9.000 -9.000 -999. 82. 15.5 0.0180 0.83 1.00 1.86 292.0 10.0 283.8 2.0 0
0.00 96. 1010. 5 ADJ-A1 NoSubs
15 1 10 10 4 -8.8 0.121 -9.000 -9.000 -999. 100. 17.8 0.0180 0.83 1.00 2.10 292.0 10.0 283.1 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
15 1 10 10 5 -2.8 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.83 1.00 1.13 319.0 10.0 282.0 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
15 1 10 10 6 -9.3 0.124 -9.000 -9.000 -999. 105. 18.7 0.0230 0.83 1.00 2.08 324.0 10.0 281.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
15 1 10 10 7 -15.0 0.160 -9.000 -9.000 -999. 153. 28.0 0.0230 0.83 1.00 2.62 303.0 10.0 282.0 2.0 0
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15 1 10 10 8 -7.2 0.109 -9.000 -9.000 -999. 87. 16.3 0.0230 0.83 0.72 1.84 314.0 10.0 282.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 1 10 10 9 1.9 0.071 0.097 0.013 18. 46. -17.5 0.0200 0.83 0.37 0.96 68.0 10.0 283.8 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
15 1 10 10 10 47.9 0.120 0.586 0.010 152. 100. -3.3 0.0230 0.83 0.26 1.31 4.0 10.0 287.0 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
15 1 10 10 11 83.0 0.190 0.866 0.010 282. 198. -7.4 0.0200 0.83 0.21 2.35 67.0 10.0 289.2 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
15 1 10 10 12 103.5 0.185 1.068 0.011 423. 190. -5.5 0.0230 0.83 0.20 2.15 97.0 10.0 291.4 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
15 1 10 10 13 108.3 0.154 1.146 0.010 501. 145. -3.0 0.0230 0.83 0.20 1.66 115.0 10.0 293.8 2.0 0
0.00 37. 1008. 0 ADJ-A1 NoSubs
15 1 10 10 14 95.2 0.252 1.146 0.010 569. 304. -15.2 0.0210 0.83 0.21 3.32 218.0 10.0 291.4 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
15 1 10 10 15 67.1 0.247 1.058 0.009 635. 294. -20.2 0.0180 0.83 0.23 3.42 243.0 10.0 290.4 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
15 1 10 10 16 26.4 0.158 0.786 0.009 661. 153. -13.3 0.0180 0.83 0.30 2.11 250.0 10.0 290.9 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
15 1 10 10 17 -8.2 0.129 -9.000 -9.000 -999. 111. 23.4 0.0170 0.83 0.51 2.22 196.0 10.0 287.5 2.0 0
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15 1 10 10 18 -5.2 0.094 -9.000 -9.000 -999. 69. 14.4 0.0310 0.83 1.00 1.52 152.0 10.0 287.5 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
15 1 10 10 19 -2.6 0.069 -9.000 -9.000 -999. 43. 11.2 0.0270 0.83 1.00 1.06 345.0 10.0 285.9 2.0 0
0.00 73. 1009. 0 ADJ-A1 NoSubs
15 1 10 10 20 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0270 0.83 1.00 1.45 354.0 10.0 285.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
15 1 10 10 21 -8.3 0.119 -9.000 -9.000 -999. 98. 18.1 0.0270 0.83 1.00 1.94 338.0 10.0 284.9 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
15 1 10 10 22 -7.2 0.109 -9.000 -9.000 -999. 86. 16.0 0.0180 0.83 1.00 1.91 268.0 10.0 284.2 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
15 1 10 10 23 -7.9 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.83 1.00 1.93 326.0 10.0 283.1 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
15 1 10 10 24 -9.5 0.126 -9.000 -9.000 -999. 108. 19.1 0.0230 0.83 1.00 2.11 314.0 10.0 283.1 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
15 1 11 11 1 -5.5 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.83 1.00 1.62 326.0 10.0 282.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 1 11 11 2 -6.6 0.103 -9.000 -9.000 -999. 80. 15.1 0.0180 0.83 1.00 1.82 299.0 10.0 282.5 2.0 0

0.00 83. 1011. 0 ADJ-A1 NoSubs
15 1 11 11 3 -10.2 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.83 1.00 2.18 326.0 10.0 281.4 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
15 1 11 11 4 -10.4 0.132 -9.000 -9.000 -999. 115. 20.0 0.0230 0.83 1.00 2.20 308.0 10.0 282.0 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
15 1 11 11 5 -6.6 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.83 1.00 1.77 317.0 10.0 281.4 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
15 1 11 11 6 -4.9 0.089 -9.000 -9.000 -999. 64. 13.2 0.0230 0.83 1.00 1.52 314.0 10.0 280.9 2.0 0
0.00 88. 1011. 0 ADJ-A1 NoSubs
15 1 11 11 7 -6.3 0.102 -9.000 -9.000 -999. 79. 15.3 0.0270 0.83 1.00 1.69 355.0 10.0 280.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
15 1 11 11 8 -5.5 0.094 -9.000 -9.000 -999. 70. 13.7 0.0180 0.83 0.72 1.67 291.0 10.0 281.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
15 1 11 11 9 2.1 0.111 0.094 0.012 14. 89. -58.9 0.0210 0.83 0.37 1.60 233.0 10.0 283.8 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
15 1 11 11 10 47.7 0.140 0.561 0.010 134. 126. -5.2 0.0230 0.83 0.26 1.62 101.0 10.0 285.4 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
15 1 11 11 11 83.0 0.149 0.917 0.012 336. 138. -3.6 0.0310 0.83 0.21 1.54 156.0 10.0 287.5 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
15 1 11 11 12 103.3 0.151 1.048 0.012 403. 141. -3.0 0.0170 0.83 0.20 1.74 186.0 10.0 289.2 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
15 1 11 11 13 107.6 0.196 1.113 0.012 463. 208. -6.3 0.0170 0.83 0.20 2.46 188.0 10.0 290.4 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
15 1 11 11 14 95.2 0.257 1.106 0.011 513. 312. -16.0 0.0210 0.83 0.21 3.39 211.0 10.0 289.2 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
15 1 11 11 15 67.6 0.224 1.012 0.011 553. 255. -15.1 0.0170 0.83 0.23 3.07 198.0 10.0 289.2 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
15 1 11 11 16 26.5 0.185 0.751 0.011 575. 191. -21.4 0.0310 0.83 0.30 2.32 174.0 10.0 288.8 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
15 1 11 11 17 -10.2 0.154 -9.000 -9.000 -999. 145. 32.3 0.0280 0.83 0.50 2.42 144.0 10.0 287.5 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
15 1 11 11 18 -9.7 0.128 -9.000 -9.000 -999. 110. 19.4 0.0230 0.83 1.00 2.13 115.0 10.0 285.9 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
15 1 11 11 19 -4.4 0.085 -9.000 -9.000 -999. 60. 12.6 0.0200 0.83 1.00 1.48 68.0 10.0 285.4 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
15 1 11 11 20 -4.7 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.83 1.00 1.47 355.0 10.0 284.2 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
15 1 11 11 21 -7.3 0.111 -9.000 -9.000 -999. 88. 16.7 0.0270 0.83 1.00 1.82 337.0 10.0 283.1 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
15 1 11 11 22 -10.3 0.131 -9.000 -9.000 -999. 114. 19.8 0.0230 0.83 1.00 2.18 318.0 10.0 282.5 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
15 1 11 11 23 -12.2 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.83 1.00 2.37 309.0 10.0 282.5 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
15 1 11 11 24 -6.8 0.106 -9.000 -9.000 -999. 83. 15.7 0.0230 0.83 1.00 1.79 316.0 10.0 282.5 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
15 1 12 12 1 -3.7 0.078 -9.000 -9.000 -999. 53. 11.7 0.0230 0.83 1.00 1.31 319.0 10.0 281.4 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
15 1 12 12 2 -4.5 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 321.0 10.0 280.9 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
15 1 12 12 3 -6.7 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.83 1.00 1.77 327.0 10.0 280.9 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
15 1 12 12 4 -6.2 0.101 -9.000 -9.000 -999. 77. 14.9 0.0230 0.83 1.00 1.71 315.0 10.0 280.9 2.0 0
0.00 88. 1017. 7 ADJ-A1 NoSubs
15 1 12 12 5 -7.6 0.112 -9.000 -9.000 -999. 90. 16.7 0.0230 0.83 1.00 1.89 318.0 10.0 280.9 2.0 0

0.00 92. 1017. 7 ADJ-A1 NoSubs
15 1 12 12 6 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0270 0.83 1.00 1.28 350.0 10.0 280.9 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
15 1 12 12 7 -1.9 0.061 -9.000 -9.000 -999. 36. 11.1 0.0200 0.83 1.00 0.86 84.0 10.0 281.4 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
15 1 12 12 8 -3.0 0.071 -9.000 -9.000 -999. 46. 10.8 0.0180 0.83 0.72 1.21 296.0 10.0 280.4 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
15 1 12 12 9 -1.1 0.057 -9.000 -9.000 -999. 33. 15.3 0.0230 0.83 0.37 0.97 323.0 10.0 281.4 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
15 1 12 12 10 8.8 0.098 0.216 0.013 42. 73. -9.6 0.0240 0.83 0.26 1.20 52.0 10.0 282.5 2.0 0
0.00 92. 1019. 10 ADJ-A1 NoSubs
15 1 12 12 11 83.0 0.115 0.831 0.014 251. 93. -1.7 0.0230 0.83 0.21 1.13 90.0 10.0 285.9 2.0 0
0.00 79. 1019. 0 ADJ-A1 NoSubs
15 1 12 12 12 103.4 0.131 0.991 0.013 342. 114. -2.0 0.0230 0.83 0.20 1.33 98.0 10.0 287.5 2.0 0
0.00 74. 1017. 0 ADJ-A1 NoSubs
15 1 12 12 13 108.2 0.134 1.072 0.011 413. 117. -2.0 0.0310 0.83 0.20 1.26 150.0 10.0 289.9 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
15 1 12 12 14 96.2 0.193 1.084 0.010 480. 203. -6.7 0.0170 0.83 0.20 2.44 197.0 10.0 289.9 2.0 0
0.00 69. 1017. 0 ADJ-A1 NoSubs
15 1 12 12 15 69.0 0.191 0.999 0.010 523. 200. -9.1 0.0210 0.83 0.23 2.39 214.0 10.0 290.4 2.0 0
0.00 62. 1016. 0 ADJ-A1 NoSubs
15 1 12 12 16 27.8 0.140 0.746 0.010 539. 126. -8.9 0.0170 0.83 0.30 1.82 184.0 10.0 289.9 2.0 0
0.00 61. 1016. 0 ADJ-A1 NoSubs
15 1 12 12 17 -9.4 0.145 -9.000 -9.000 -999. 133. 29.4 0.0310 0.83 0.50 2.25 157.0 10.0 287.0 2.0 0
0.00 77. 1016. 0 ADJ-A1 NoSubs
15 1 12 12 18 -3.4 0.075 -9.000 -9.000 -999. 50. 11.1 0.0170 0.83 1.00 1.31 182.0 10.0 285.9 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
15 1 12 12 19 -4.0 0.081 -9.000 -9.000 -999. 55. 11.9 0.0180 0.83 1.00 1.42 271.0 10.0 284.9 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
15 1 12 12 20 -5.5 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.83 1.00 1.62 316.0 10.0 283.8 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
15 1 12 12 21 -10.6 0.134 -9.000 -9.000 -999. 117. 20.3 0.0230 0.83 1.00 2.22 314.0 10.0 283.8 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
15 1 12 12 22 -8.0 0.115 -9.000 -9.000 -999. 94. 17.3 0.0230 0.83 1.00 1.94 326.0 10.0 282.5 2.0 0
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15 1 12 12 23 -11.8 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.83 1.00 2.33 318.0 10.0 282.5 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
15 1 12 12 24 -12.2 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.83 1.00 2.37 315.0 10.0 282.5 2.0 0
0.00 86. 1017. 0 ADJ-A1 NoSubs
15 1 13 13 1 -7.8 0.113 -9.000 -9.000 -999. 92. 16.9 0.0230 0.83 1.00 1.91 309.0 10.0 280.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
15 1 13 13 2 -4.5 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 10.0 10.0 281.4 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
15 1 13 13 3 -5.9 0.098 -9.000 -9.000 -999. 74. 14.5 0.0230 0.83 1.00 1.67 315.0 10.0 280.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
15 1 13 13 4 -5.2 0.092 -9.000 -9.000 -999. 66. 13.3 0.0180 0.83 1.00 1.62 293.0 10.0 280.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
15 1 13 13 5 -4.9 0.089 -9.000 -9.000 -999. 63. 12.9 0.0180 0.83 1.00 1.57 297.0 10.0 280.4 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
15 1 13 13 6 -4.1 0.081 -9.000 -9.000 -999. 56. 11.8 0.0180 0.83 1.00 1.43 291.0 10.0 279.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
15 1 13 13 7 -2.9 0.070 -9.000 -9.000 -999. 45. 10.7 0.0180 0.83 1.00 1.18 288.0 10.0 279.2 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
15 1 13 13 8 -1.9 0.063 -9.000 -9.000 -999. 38. 11.9 0.0310 0.83 0.71 0.82 150.0 10.0 280.4 2.0 0

0.00 92. 1017. 10 ADJ-A1 NoSubs
15 1 13 13 9 -1.3 0.061 -9.000 -9.000 -999. 36. 16.0 0.0170 0.83 0.37 1.08 184.0 10.0 280.9 2.0 0
0.00 95. 1017. 10 ADJ-A1 NoSubs
15 1 13 13 10 53.2 0.100 0.590 0.011 140. 76. -1.7 0.0230 0.83 0.25 0.99 4.0 10.0 283.1 2.0 0
0.00 92. 1017. 5 ADJ-A1 NoSubs
15 1 13 13 11 83.7 0.127 0.829 0.008 247. 109. -2.2 0.0280 0.83 0.21 1.25 134.0 10.0 286.4 2.0 0
0.00 74. 1017. 0 ADJ-A1 NoSubs
15 1 13 13 12 104.8 0.185 0.946 0.005 293. 191. -5.5 0.0230 0.83 0.20 2.16 92.0 10.0 289.9 2.0 0
0.00 61. 1016. 0 ADJ-A1 NoSubs
15 1 13 13 13 109.6 0.185 1.023 0.005 353. 191. -5.2 0.0200 0.83 0.20 2.21 61.0 10.0 291.4 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
15 1 13 13 14 98.2 0.143 1.204 0.006 643. 130. -2.7 0.0230 0.83 0.20 1.52 91.0 10.0 292.5 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
15 1 13 13 15 70.8 0.162 1.161 0.007 800. 156. -5.4 0.0230 0.83 0.23 1.88 118.0 10.0 292.5 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
15 1 13 13 16 29.2 0.196 0.892 0.007 877. 208. -23.2 0.0170 0.83 0.30 2.77 206.0 10.0 290.9 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
15 1 13 13 17 -11.2 0.180 -9.000 -9.000 -999. 183. 46.8 0.0180 0.83 0.49 3.01 248.0 10.0 287.5 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
15 1 13 13 18 -5.6 0.096 -9.000 -9.000 -999. 74. 14.0 0.0180 0.83 1.00 1.69 267.0 10.0 287.0 2.0 0
0.00 59. 1014. 0 ADJ-A1 NoSubs
15 1 13 13 19 -6.8 0.106 -9.000 -9.000 -999. 83. 15.8 0.0230 0.83 1.00 1.79 319.0 10.0 284.9 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
15 1 13 13 20 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.83 1.00 1.82 310.0 10.0 283.8 2.0 0
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15 1 14 14 13 110.4 0.196 1.123 0.006 465. 208. -6.2 0.0200 0.83 0.20 2.38 84.0 10.0 291.4 2.0 0
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15 1 14 14 14 99.1 0.149 1.196 0.007 626. 138. -3.0 0.0230 0.83 0.20 1.60 118.0 10.0 292.5 2.0 0
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15 1 14 14 15 72.3 0.152 1.133 0.007 730. 142. -4.4 0.0230 0.83 0.23 1.72 96.0 10.0 293.8 2.0 0
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15 1 14 14 17 -7.5 0.131 -9.000 -9.000 -999. 113. 26.7 0.0200 0.83 0.48 2.18 81.0 10.0 290.9 2.0 0
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15 1 14 14 18 -8.5 0.118 -9.000 -9.000 -999. 97. 17.6 0.0180 0.83 1.00 2.06 254.0 10.0 287.5 2.0 0
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15 1 15 15 4 -7.1 0.108 -9.000 -9.000 -999. 85. 16.0 0.0230 0.83 1.00 1.82 301.0 10.0 280.9 2.0 0
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15 1 15 15 9 3.2 0.122 0.103 0.013 12. 102. -50.5 0.0230 0.83 0.37 1.71 6.0 10.0 283.1 2.0 0
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15 1 15 15 10 49.6 0.109 0.633 0.012 186. 87. -2.4 0.0200 0.83 0.25 1.18 80.0 10.0 285.4 2.0 0
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15 1 15 15 11 85.3 0.139 0.863 0.010 274. 124. -2.9 0.0280 0.83 0.21 1.42 144.0 10.0 287.5 2.0 0
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15 1 15 15 13 111.7 0.169 1.133 0.008 473. 166. -3.9 0.0230 0.83 0.20 1.88 91.0 10.0 292.5 2.0 0
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15 1 15 15 14 100.5 0.181 1.120 0.007 508. 184. -5.3 0.0200 0.83 0.20 2.16 79.0 10.0 293.8 2.0 0

0.00 35. 1018. 0 ADJ-A1 NoSubs
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15 1 15 15 16 31.2 0.163 0.796 0.007 586. 158. -12.7 0.0170 0.83 0.29 2.20 209.0 10.0 290.9 2.0 0
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15 1 15 15 17 -6.3 0.119 -9.000 -9.000 -999. 99. 24.1 0.0210 0.83 0.48 1.98 232.0 10.0 289.2 2.0 0
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15 1 15 15 18 -6.0 0.099 -9.000 -9.000 -999. 74. 14.5 0.0180 0.83 1.00 1.74 287.0 10.0 289.2 2.0 0
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15 1 15 15 19 -2.6 0.067 -9.000 -9.000 -999. 42. 10.5 0.0180 0.83 1.00 1.11 292.0 10.0 287.5 2.0 0
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15 1 15 15 20 -7.4 0.111 -9.000 -9.000 -999. 89. 16.7 0.0230 0.83 1.00 1.87 304.0 10.0 286.4 2.0 0
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15 1 15 15 21 -3.6 0.078 -9.000 -9.000 -999. 52. 11.7 0.0230 0.83 1.00 1.30 304.0 10.0 285.4 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
15 1 15 15 22 -7.7 0.112 -9.000 -9.000 -999. 90. 16.5 0.0180 0.83 1.00 1.96 294.0 10.0 285.4 2.0 0
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15 1 15 15 24 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.83 1.00 1.82 7.0 10.0 284.9 2.0 0
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15 1 16 16 10 50.7 0.104 0.614 0.012 166. 81. -2.0 0.0230 0.83 0.25 1.06 9.0 10.0 287.0 2.0 0
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15 1 16 16 11 86.4 0.135 0.907 0.011 314. 119. -2.6 0.0230 0.83 0.21 1.43 90.0 10.0 288.8 2.0 0
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15 1 17 17 1 -3.9 0.080 -9.000 -9.000 -999. 54. 11.7 0.0180 0.83 1.00 1.40 289.0 10.0 283.8 2.0 0
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15 1 17 17 2 -8.0 0.115 -9.000 -9.000 -999. 94. 17.3 0.0230 0.83 1.00 1.94 309.0 10.0 283.8 2.0 0
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15 1 17 17 8 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0230 0.83 0.70 1.65 7.0 10.0 283.1 2.0 0
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15 1 17 17 9 4.9 0.109 0.171 0.008 37. 86. -23.8 0.0270 0.83 0.36 1.42 340.0 10.0 286.4 2.0 0
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15 1 17 17 10 52.0 0.137 0.773 0.014 323. 122. -4.5 0.0240 0.83 0.25 1.54 48.0 10.0 289.2 2.0 0
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15 1 17 17 11 88.1 0.192 1.011 0.013 426. 201. -7.2 0.0200 0.83 0.21 2.37 84.0 10.0 291.4 2.0 0
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15 1 17 17 12 109.2 0.160 1.158 0.012 516. 154. -3.4 0.0310 0.83 0.20 1.64 175.0 10.0 293.1 2.0 0
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15 1 17 17 13 114.2 0.161 1.219 0.011 575. 155. -3.3 0.0280 0.83 0.19 1.68 144.0 10.0 294.2 2.0 0
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15 1 17 17 14 102.7 0.205 1.190 0.010 594. 222. -7.5 0.0170 0.83 0.20 2.62 206.0 10.0 294.2 2.0 0
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15 1 17 17 15 75.6 0.221 1.082 0.009 608. 249. -12.9 0.0180 0.83 0.22 2.95 244.0 10.0 294.2 2.0 0
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15 1 17 17 16 34.4 0.193 0.836 0.008 614. 204. -19.0 0.0210 0.83 0.29 2.59 227.0 10.0 293.8 2.0 0
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15 1 17 17 17 -7.6 0.149 -9.000 -9.000 -999. 138. 38.8 0.0170 0.83 0.47 2.52 199.0 10.0 289.9 2.0 0
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15 1 17 17 18 -4.9 0.089 -9.000 -9.000 -999. 64. 13.0 0.0180 0.83 1.00 1.57 240.0 10.0 288.8 2.0 0
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15 1 17 17 19 -3.6 0.077 -9.000 -9.000 -999. 52. 11.6 0.0200 0.83 1.00 1.33 71.0 10.0 288.1 2.0 0
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15 1 17 17 20 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.83 1.00 1.37 314.0 10.0 287.0 2.0 0

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15 1 17 17 22 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.83 1.00 1.37 324.0 10.0 286.4 2.0 0
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15 1 17 17 23 -2.9 0.070 -9.000 -9.000 -999. 45. 11.1 0.0230 0.83 1.00 1.14 10.0 10.0 286.4 2.0 0
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15 1 18 18 1 -5.2 0.092 -9.000 -9.000 -999. 67. 13.7 0.0230 0.83 1.00 1.57 308.0 10.0 285.4 2.0 0
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15 1 18 18 2 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.83 1.00 1.28 1.0 10.0 284.2 2.0 0
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0.00 92. 1018. 0 ADJ-A1 NoSubs
15 1 18 18 4 -4.5 0.086 -9.000 -9.000 -999. 61. 13.0 0.0270 0.83 1.00 1.42 350.0 10.0 284.2 2.0 0
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15 1 18 18 5 -3.5 0.075 -9.000 -9.000 -999. 50. 11.2 0.0180 0.83 1.00 1.31 286.0 10.0 284.2 2.0 0
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15 1 18 18 6 -2.3 0.064 -9.000 -9.000 -999. 39. 10.4 0.0170 0.83 1.00 1.01 198.0 10.0 283.8 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
15 1 18 18 7 -4.2 0.082 -9.000 -9.000 -999. 57. 12.0 0.0180 0.83 1.00 1.45 290.0 10.0 281.4 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
15 1 18 18 8 -4.6 0.087 -9.000 -9.000 -999. 61. 12.9 0.0230 0.83 0.70 1.47 300.0 10.0 282.5 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
15 1 18 18 9 5.4 0.203 0.282 0.013 150. 220. -141.3 0.0280 0.83 0.36 2.88 123.0 10.0 286.4 2.0 0
0.00 83. 1020. 0 ADJ-A1 NoSubs
15 1 18 18 10 52.3 0.178 0.707 0.012 246. 181. -9.8 0.0230 0.83 0.25 2.21 119.0 10.0 288.1 2.0 0
0.00 80. 1020. 0 ADJ-A1 NoSubs
15 1 18 18 11 88.4 0.159 0.968 0.012 373. 152. -4.1 0.0170 0.83 0.21 1.91 182.0 10.0 290.4 2.0 0
0.00 72. 1020. 0 ADJ-A1 NoSubs
15 1 18 18 12 109.8 0.149 1.075 0.010 412. 138. -2.7 0.0310 0.83 0.20 1.48 153.0 10.0 292.5 2.0 0
0.00 67. 1020. 0 ADJ-A1 NoSubs
15 1 18 18 13 115.2 0.127 1.145 0.009 473. 108. -1.6 0.0280 0.83 0.19 1.18 124.0 10.0 294.2 2.0 0
0.00 60. 1018. 0 ADJ-A1 NoSubs
15 1 18 18 14 103.7 0.170 1.154 0.009 538. 168. -4.3 0.0170 0.83 0.20 2.05 185.0 10.0 294.2 2.0 0
0.00 63. 1018. 0 ADJ-A1 NoSubs
15 1 18 18 15 75.9 0.221 1.066 0.008 579. 249. -12.9 0.0210 0.83 0.22 2.86 237.0 10.0 292.5 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
15 1 18 18 16 35.2 0.199 0.835 0.008 599. 213. -20.3 0.0180 0.83 0.28 2.76 244.0 10.0 293.1 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
15 1 18 18 17 -2.4 0.075 -9.000 -9.000 -999. 62. 16.0 0.0170 0.83 0.46 1.33 198.0 10.0 291.4 2.0 0
0.00 69. 1018. 0 ADJ-A1 NoSubs
15 1 18 18 18 -7.8 0.113 -9.000 -9.000 -999. 91. 16.7 0.0170 0.83 1.00 1.99 183.0 10.0 288.8 2.0 0
0.00 83. 1018. 0 ADJ-A1 NoSubs
15 1 18 18 19 -8.8 0.120 -9.000 -9.000 -999. 100. 17.8 0.0170 0.83 1.00 2.11 208.0 10.0 287.5 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
15 1 18 18 20 -4.5 0.086 -9.000 -9.000 -999. 60. 12.7 0.0210 0.83 1.00 1.48 227.0 10.0 287.0 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
15 1 18 18 21 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.83 1.00 1.28 329.0 10.0 287.0 2.0 0
0.00 86. 1019. 0 ADJ-A1 NoSubs
15 1 18 18 22 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 329.0 10.0 286.4 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
15 1 18 18 23 -7.7 0.112 -9.000 -9.000 -999. 90. 16.6 0.0180 0.83 1.00 1.96 291.0 10.0 287.0 2.0 0

0.00 86. 1019. 0 ADJ-A1 NoSubs
15 1 18 18 24 -6.8 0.106 -9.000 -9.000 -999. 83. 15.8 0.0230 0.83 1.00 1.79 323.0 10.0 285.9 2.0 0
0.00 89. 1019. 0 ADJ-A1 NoSubs
15 1 19 19 1 -7.2 0.109 -9.000 -9.000 -999. 86. 16.3 0.0230 0.83 1.00 1.84 303.0 10.0 285.9 2.0 0
0.00 89. 1019. 0 ADJ-A1 NoSubs
15 1 19 19 2 -7.3 0.109 -9.000 -9.000 -999. 86. 16.1 0.0180 0.83 1.00 1.91 298.0 10.0 286.4 2.0 0
0.00 86. 1019. 0 ADJ-A1 NoSubs
15 1 19 19 3 -2.8 0.069 -9.000 -9.000 -999. 44. 10.6 0.0180 0.83 1.00 1.16 285.0 10.0 285.4 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
15 1 19 19 4 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.83 1.00 1.37 329.0 10.0 285.9 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
15 1 19 19 5 -2.9 0.070 -9.000 -9.000 -999. 44. 10.7 0.0180 0.83 1.00 1.18 281.0 10.0 284.9 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
15 1 19 19 6 -2.8 0.069 -9.000 -9.000 -999. 44. 10.6 0.0180 0.83 1.00 1.16 268.0 10.0 285.4 2.0 0
0.00 89. 1019. 0 ADJ-A1 NoSubs
15 1 19 19 7 -4.2 0.084 -9.000 -9.000 -999. 58. 12.7 0.0270 0.83 1.00 1.38 339.0 10.0 284.9 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
15 1 19 19 8 -5.8 0.097 -9.000 -9.000 -999. 72. 14.2 0.0180 0.83 0.69 1.71 295.0 10.0 284.2 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
15 1 19 19 9 6.4 0.105 0.268 0.009 108. 82. -16.5 0.0280 0.83 0.36 1.32 142.0 10.0 288.1 2.0 0
0.00 80. 1019. 0 ADJ-A1 NoSubs
15 1 19 19 10 53.3 0.125 0.748 0.009 285. 106. -3.3 0.0280 0.83 0.25 1.30 124.0 10.0 289.2 2.0 0
0.00 83. 1019. 0 ADJ-A1 NoSubs
15 1 19 19 11 89.6 0.157 1.015 0.007 424. 150. -3.9 0.0310 0.83 0.21 1.64 175.0 10.0 291.4 2.0 0
0.00 75. 1019. 0 ADJ-A1 NoSubs
15 1 19 19 12 110.7 0.204 1.158 0.007 510. 222. -7.0 0.0200 0.83 0.20 2.52 89.0 10.0 292.5 2.0 0
0.00 65. 1018. 0 ADJ-A1 NoSubs
15 1 19 19 13 115.9 0.205 1.220 0.006 569. 223. -6.8 0.0200 0.83 0.19 2.52 78.0 10.0 293.8 2.0 0
0.00 60. 1017. 0 ADJ-A1 NoSubs
15 1 19 19 14 103.8 0.232 1.238 0.007 663. 268. -10.9 0.0170 0.83 0.20 3.08 189.0 10.0 292.0 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 15 76.1 0.233 1.154 0.008 732. 271. -15.1 0.0210 0.83 0.22 3.07 237.0 10.0 290.4 2.0 0
0.00 80. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 16 35.4 0.175 0.908 0.007 765. 176. -13.7 0.0210 0.83 0.28 2.28 213.0 10.0 290.9 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 17 -4.9 0.111 -9.000 -9.000 -999. 89. 24.8 0.0210 0.83 0.46 1.84 218.0 10.0 289.2 2.0 0
0.00 77. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 18 -5.0 0.090 -9.000 -9.000 -999. 65. 13.3 0.0180 0.83 1.00 1.60 296.0 10.0 288.8 2.0 0
0.00 77. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 19 -6.1 0.100 -9.000 -9.000 -999. 76. 14.9 0.0200 0.83 1.00 1.74 68.0 10.0 287.5 2.0 0
0.00 83. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 20 -2.2 0.065 -9.000 -9.000 -999. 40. 11.5 0.0310 0.83 1.00 0.91 163.0 10.0 285.9 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 21 -3.4 0.075 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.25 301.0 10.0 284.9 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 22 -5.5 0.094 -9.000 -9.000 -999. 70. 13.8 0.0180 0.83 1.00 1.67 290.0 10.0 283.8 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 23 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 306.0 10.0 283.1 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
15 1 19 19 24 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0230 0.83 1.00 1.42 301.0 10.0 282.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
15 1 20 20 1 -3.7 0.077 -9.000 -9.000 -999. 52. 11.4 0.0180 0.83 1.00 1.35 297.0 10.0 282.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
15 1 20 20 2 -6.0 0.098 -9.000 -9.000 -999. 74. 14.3 0.0180 0.83 1.00 1.74 283.0 10.0 282.5 2.0 0

0.00 89. 1015. 0 ADJ-A1 NoSubs
15 1 20 20 3 -9.8 0.128 -9.000 -9.000 -999. 109. 19.2 0.0230 0.83 1.00 2.13 315.0 10.0 282.0 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
15 1 20 20 4 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.60 319.0 10.0 281.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
15 1 20 20 5 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 5.0 10.0 282.5 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
15 1 20 20 6 -6.8 0.104 -9.000 -9.000 -999. 81. 15.3 0.0180 0.83 1.00 1.84 259.0 10.0 282.0 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
15 1 20 20 7 -4.3 0.083 -9.000 -9.000 -999. 58. 12.2 0.0180 0.83 1.00 1.47 271.0 10.0 282.5 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
15 1 20 20 8 -3.9 0.081 -9.000 -9.000 -999. 55. 12.4 0.0270 0.83 0.69 1.33 332.0 10.0 282.0 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
15 1 20 20 9 5.5 0.100 0.217 0.012 66. 76. -16.5 0.0230 0.83 0.36 1.31 325.0 10.0 283.1 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
15 1 20 20 10 53.1 0.105 0.661 0.010 197. 82. -2.0 0.0170 0.83 0.25 1.14 184.0 10.0 286.4 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
15 1 20 20 11 89.1 0.122 0.911 0.008 307. 102. -1.8 0.0280 0.83 0.21 1.16 143.0 10.0 287.5 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
15 1 20 20 12 110.3 0.152 1.088 0.006 422. 142. -2.9 0.0230 0.83 0.20 1.62 99.0 10.0 289.2 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
15 1 20 20 13 115.3 0.175 1.143 0.006 468. 176. -4.2 0.0280 0.83 0.19 1.89 127.0 10.0 289.9 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
15 1 20 20 14 104.0 0.190 1.184 0.009 576. 198. -5.9 0.0170 0.83 0.20 2.37 182.0 10.0 289.9 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
15 1 20 20 15 77.1 0.198 1.158 0.011 727. 212. -9.1 0.0170 0.83 0.22 2.59 187.0 10.0 289.9 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
15 1 20 20 16 36.1 0.186 0.919 0.012 776. 193. -16.1 0.0310 0.83 0.28 2.28 174.0 10.0 289.9 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
15 1 20 20 17 -5.2 0.117 -9.000 -9.000 -999. 98. 27.9 0.0170 0.83 0.45 2.01 186.0 10.0 288.1 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
15 1 20 20 18 -4.3 0.084 -9.000 -9.000 -999. 59. 12.5 0.0210 0.83 1.00 1.45 222.0 10.0 286.4 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
15 1 20 20 19 -1.9 0.062 -9.000 -9.000 -999. 37. 11.2 0.0230 0.83 1.00 0.86 327.0 10.0 285.9 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
15 1 20 20 20 -5.1 0.092 -9.000 -9.000 -999. 67. 13.8 0.0270 0.83 1.00 1.52 339.0 10.0 284.2 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
15 1 20 20 21 -5.0 0.091 -9.000 -9.000 -999. 65. 13.4 0.0230 0.83 1.00 1.54 326.0 10.0 283.1 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
15 1 20 20 22 -6.0 0.098 -9.000 -9.000 -999. 74. 14.3 0.0180 0.83 1.00 1.74 288.0 10.0 282.5 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
15 1 20 20 23 -3.2 0.073 -9.000 -9.000 -999. 48. 11.2 0.0230 0.83 1.00 1.20 326.0 10.0 280.9 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
15 1 20 20 24 -3.2 0.073 -9.000 -9.000 -999. 47. 11.2 0.0230 0.83 1.00 1.20 313.0 10.0 280.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
15 1 21 21 1 -4.5 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 300.0 10.0 280.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
15 1 21 21 2 -4.9 0.089 -9.000 -9.000 -999. 63. 12.8 0.0180 0.83 1.00 1.57 293.0 10.0 279.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
15 1 21 21 3 -4.4 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.83 1.00 1.43 305.0 10.0 278.8 2.0 0
0.00 91. 1012. 0 ADJ-A1 NoSubs
15 1 21 21 4 -3.1 0.072 -9.000 -9.000 -999. 47. 11.1 0.0230 0.83 1.00 1.18 311.0 10.0 279.2 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
15 1 21 21 5 -3.3 0.075 -9.000 -9.000 -999. 49. 11.3 0.0230 0.83 1.00 1.23 1.0 10.0 279.2 2.0 0

0.00 88. 1013. 0 ADJ-A1 NoSubs
15 1 21 21 6 -3.3 0.075 -9.000 -9.000 -999. 49. 11.3 0.0230 0.83 1.00 1.23 314.0 10.0 278.8 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
15 1 21 21 7 -2.5 0.066 -9.000 -9.000 -999. 41. 10.5 0.0180 0.83 1.00 1.06 285.0 10.0 278.8 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
15 1 21 21 8 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0230 0.83 0.68 1.42 311.0 10.0 279.9 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
15 1 21 21 9 6.5 0.212 0.159 0.006 22. 234. -132.0 0.0240 0.83 0.36 3.08 56.0 10.0 284.9 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
15 1 21 21 10 53.8 0.291 0.584 0.008 134. 377. -41.6 0.0200 0.83 0.25 4.15 72.0 10.0 286.4 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
15 1 21 21 11 90.1 0.363 0.996 0.010 397. 524. -48.0 0.0200 0.83 0.21 5.21 82.0 10.0 288.1 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
15 1 21 21 12 111.3 0.316 1.143 0.010 486. 428. -25.7 0.0200 0.83 0.20 4.37 80.0 10.0 289.2 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
15 1 21 21 13 116.5 0.301 1.280 0.011 651. 397. -21.1 0.0230 0.83 0.19 4.00 92.0 10.0 290.4 2.0 0
0.00 55. 1013. 0 ADJ-A1 NoSubs
15 1 21 21 14 105.9 0.193 1.282 0.011 718. 209. -6.1 0.0230 0.83 0.20 2.27 103.0 10.0 292.0 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
15 1 21 21 15 79.0 0.245 1.186 0.012 764. 292. -16.9 0.0280 0.83 0.22 3.08 123.0 10.0 292.0 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
15 1 21 21 16 37.7 0.242 0.935 0.013 783. 286. -34.0 0.0200 0.83 0.28 3.41 87.0 10.0 290.9 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
15 1 21 21 17 -8.3 0.201 -9.000 -9.000 -999. 217. 88.6 0.0280 0.83 0.45 3.10 136.0 10.0 288.1 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
15 1 21 21 18 -13.0 0.150 -9.000 -9.000 -999. 140. 24.7 0.0280 0.83 1.00 2.39 139.0 10.0 285.9 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
15 1 21 21 19 -8.5 0.118 -9.000 -9.000 -999. 98. 17.7 0.0200 0.83 1.00 2.03 83.0 10.0 285.4 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
15 1 21 21 20 -7.3 0.110 -9.000 -9.000 -999. 87. 16.5 0.0240 0.83 1.00 1.84 39.0 10.0 283.8 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
15 1 21 21 21 -11.9 0.141 -9.000 -9.000 -999. 126. 21.7 0.0200 0.83 1.00 2.38 74.0 10.0 283.1 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
15 1 21 21 22 -11.8 0.141 -9.000 -9.000 -999. 128. 22.0 0.0270 0.83 1.00 2.28 359.0 10.0 282.0 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
15 1 21 21 23 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 308.0 10.0 281.4 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
15 1 21 21 24 -16.2 0.165 -9.000 -9.000 -999. 161. 29.9 0.0200 0.83 1.00 2.76 63.0 10.0 281.4 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
15 1 22 22 1 -7.6 0.112 -9.000 -9.000 -999. 90. 16.8 0.0270 0.83 1.00 1.84 338.0 10.0 279.9 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
15 1 22 22 2 -4.0 0.080 -9.000 -9.000 -999. 54. 11.6 0.0180 0.83 1.00 1.40 249.0 10.0 279.2 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
15 1 22 22 3 -4.9 0.089 -9.000 -9.000 -999. 64. 13.2 0.0230 0.83 1.00 1.52 318.0 10.0 278.8 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
15 1 22 22 4 -9.2 0.122 -9.000 -9.000 -999. 103. 17.9 0.0180 0.83 1.00 2.13 262.0 10.0 278.1 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
15 1 22 22 5 -4.3 0.083 -9.000 -9.000 -999. 58. 12.1 0.0180 0.83 1.00 1.47 288.0 10.0 278.8 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
15 1 22 22 6 -3.5 0.076 -9.000 -9.000 -999. 51. 11.6 0.0240 0.83 1.00 1.26 31.0 10.0 279.2 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
15 1 22 22 7 -12.4 0.144 -9.000 -9.000 -999. 131. 22.8 0.0230 0.83 1.00 2.38 105.0 10.0 279.9 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
15 1 22 22 8 -2.9 0.070 -9.000 -9.000 -999. 46. 10.7 0.0180 0.83 0.68 1.18 271.0 10.0 279.9 2.0 0

0.00 82. 1017. 0 ADJ-A1 NoSubs
15 1 22 22 9 6.5 0.197 0.193 0.011 40. 210. -107.3 0.0200 0.83 0.35 2.93 82.0 10.0 282.0 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
15 1 22 22 10 54.0 0.126 0.593 0.013 140. 109. -3.4 0.0200 0.83 0.25 1.42 75.0 10.0 284.2 2.0 0
0.00 63. 1019. 0 ADJ-A1 NoSubs
15 1 22 22 11 90.4 0.210 0.875 0.010 269. 231. -9.3 0.0280 0.83 0.21 2.49 145.0 10.0 286.4 2.0 0
0.00 61. 1020. 0 ADJ-A1 NoSubs
15 1 22 22 12 111.7 0.177 1.062 0.011 390. 179. -4.5 0.0200 0.83 0.19 2.08 69.0 10.0 287.5 2.0 0
0.00 57. 1019. 0 ADJ-A1 NoSubs
15 1 22 22 13 117.2 0.250 1.161 0.013 486. 301. -12.2 0.0230 0.83 0.19 3.17 101.0 10.0 289.2 2.0 0
0.00 55. 1019. 0 ADJ-A1 NoSubs
15 1 22 22 14 106.4 0.270 1.176 0.013 555. 336. -16.7 0.0200 0.83 0.20 3.61 89.0 10.0 290.4 2.0 0
0.00 53. 1018. 0 ADJ-A1 NoSubs
15 1 22 22 15 79.8 0.218 1.083 0.012 578. 246. -11.9 0.0230 0.83 0.22 2.76 95.0 10.0 290.9 2.0 0
0.00 51. 1018. 0 ADJ-A1 NoSubs
15 1 22 22 16 39.0 0.186 0.859 0.011 589. 193. -15.0 0.0200 0.83 0.28 2.47 74.0 10.0 291.4 2.0 0
0.00 47. 1018. 0 ADJ-A1 NoSubs
15 1 22 22 17 -6.4 0.170 -9.000 -9.000 -999. 168. 69.7 0.0230 0.83 0.44 2.71 93.0 10.0 289.2 2.0 0
0.00 55. 1018. 0 ADJ-A1 NoSubs
15 1 22 22 18 -12.5 0.145 -9.000 -9.000 -999. 133. 23.2 0.0230 0.83 1.00 2.40 91.0 10.0 286.4 2.0 0
0.00 64. 1019. 0 ADJ-A1 NoSubs
15 1 22 22 19 -6.6 0.105 -9.000 -9.000 -999. 81. 15.7 0.0240 0.83 1.00 1.76 42.0 10.0 284.9 2.0 0
0.00 71. 1019. 0 ADJ-A1 NoSubs
15 1 22 22 20 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 317.0 10.0 283.1 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
15 1 22 22 21 -6.4 0.103 -9.000 -9.000 -999. 79. 15.2 0.0230 0.83 1.00 1.74 316.0 10.0 282.5 2.0 0
0.00 76. 1020. 0 ADJ-A1 NoSubs
15 1 22 22 22 -3.3 0.075 -9.000 -9.000 -999. 50. 11.6 0.0270 0.83 1.00 1.21 357.0 10.0 282.5 2.0 0
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15 1 22 22 23 -2.9 0.071 -9.000 -9.000 -999. 45. 11.3 0.0270 0.83 1.00 1.11 350.0 10.0 280.9 2.0 0
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15 1 22 22 24 -1.9 0.062 -9.000 -9.000 -999. 37. 11.3 0.0230 0.83 1.00 0.86 317.0 10.0 280.4 2.0 0
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15 1 23 23 1 -1.7 0.060 -9.000 -9.000 -999. 35. 11.2 0.0180 0.83 1.00 0.82 296.0 10.0 280.4 2.0 0
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15 1 23 23 2 -2.7 0.069 -9.000 -9.000 -999. 43. 10.9 0.0230 0.83 1.00 1.09 320.0 10.0 279.2 2.0 0
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15 1 23 23 3 -10.3 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.83 1.00 2.18 312.0 10.0 280.4 2.0 0
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15 1 23 23 4 -8.6 0.118 -9.000 -9.000 -999. 98. 17.7 0.0230 0.83 1.00 1.99 319.0 10.0 279.9 2.0 0
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15 1 23 23 5 -12.9 0.147 -9.000 -9.000 -999. 135. 23.6 0.0230 0.83 1.00 2.42 300.0 10.0 279.2 2.0 0
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15 1 23 23 6 -11.9 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.83 1.00 2.33 309.0 10.0 279.2 2.0 0
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15 1 23 23 9 7.3 0.093 0.222 0.020 54. 68. -9.9 0.0240 0.83 0.35 1.14 51.0 10.0 283.1 2.0 0
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15 1 23 23 10 55.1 0.134 0.582 0.016 130. 118. -4.0 0.0200 0.83 0.24 1.55 75.0 10.0 285.4 2.0 0
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15 1 23 23 11 92.1 0.151 0.794 0.013 198. 141. -3.4 0.0310 0.83 0.21 1.55 151.0 10.0 288.8 2.0 0

0.00 55. 1022. 0 ADJ-A1 NoSubs
15 1 23 23 12 114.3 0.231 1.000 0.011 318. 266. -9.8 0.0230 0.83 0.19 2.86 90.0 10.0 292.0 2.0 0
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15 1 23 23 13 119.7 0.207 1.125 0.009 433. 226. -6.7 0.0230 0.83 0.19 2.47 90.0 10.0 293.1 2.0 0
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15 1 23 23 14 109.1 0.167 1.143 0.009 497. 164. -3.9 0.0230 0.83 0.20 1.86 94.0 10.0 294.2 2.0 0
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15 1 23 23 15 82.3 0.145 1.068 0.008 538. 133. -3.4 0.0280 0.83 0.22 1.52 127.0 10.0 294.2 2.0 0
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15 1 23 23 16 41.1 0.161 0.858 0.008 557. 155. -9.2 0.0170 0.83 0.27 2.10 197.0 10.0 293.8 2.0 0
0.00 40. 1018. 0 ADJ-A1 NoSubs
15 1 23 23 17 -3.5 0.114 -9.000 -9.000 -999. 92. 37.8 0.0210 0.83 0.43 1.87 220.0 10.0 292.0 2.0 0
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15 1 23 23 18 -3.7 0.078 -9.000 -9.000 -999. 52. 11.6 0.0180 0.83 1.00 1.37 256.0 10.0 289.2 2.0 0
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15 1 23 23 19 -13.9 0.154 -9.000 -9.000 -999. 145. 26.0 0.0230 0.83 1.00 2.53 301.0 10.0 287.0 2.0 0
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15 1 23 23 20 -12.7 0.147 -9.000 -9.000 -999. 135. 23.7 0.0230 0.83 1.00 2.42 311.0 10.0 285.9 2.0 0
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15 1 23 23 21 -13.6 0.152 -9.000 -9.000 -999. 142. 25.4 0.0230 0.83 1.00 2.50 321.0 10.0 284.9 2.0 0
0.00 68. 1018. 0 ADJ-A1 NoSubs
15 1 23 23 22 -8.3 0.118 -9.000 -9.000 -999. 97. 17.9 0.0270 0.83 1.00 1.93 331.0 10.0 283.8 2.0 0
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15 1 23 23 23 -10.1 0.130 -9.000 -9.000 -999. 112. 19.6 0.0230 0.83 1.00 2.16 310.0 10.0 283.8 2.0 0
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15 1 23 23 24 -9.6 0.126 -9.000 -9.000 -999. 108. 19.1 0.0230 0.83 1.00 2.11 312.0 10.0 283.1 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
15 1 24 24 1 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0270 0.83 1.00 1.45 358.0 10.0 283.8 2.0 0
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15 1 24 24 2 -3.0 0.072 -9.000 -9.000 -999. 47. 11.4 0.0270 0.83 1.00 1.14 337.0 10.0 282.5 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
15 1 24 24 3 -4.8 0.088 -9.000 -9.000 -999. 62. 12.7 0.0180 0.83 1.00 1.55 240.0 10.0 282.5 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
15 1 24 24 4 -4.7 0.087 -9.000 -9.000 -999. 62. 12.6 0.0180 0.83 1.00 1.54 275.0 10.0 280.9 2.0 0
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15 1 24 24 5 -13.0 0.148 -9.000 -9.000 -999. 136. 24.0 0.0230 0.83 1.00 2.44 308.0 10.0 280.4 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
15 1 24 24 6 -9.8 0.128 -9.000 -9.000 -999. 109. 19.1 0.0230 0.83 1.00 2.13 312.0 10.0 279.9 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
15 1 24 24 7 -7.6 0.111 -9.000 -9.000 -999. 89. 16.5 0.0230 0.83 1.00 1.88 311.0 10.0 278.8 2.0 0
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15 1 24 24 8 -7.6 0.112 -9.000 -9.000 -999. 90. 16.9 0.0230 0.83 0.67 1.89 313.0 10.0 280.9 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
15 1 24 24 9 8.9 0.163 0.197 0.005 31. 157. -43.9 0.0240 0.83 0.35 2.25 33.0 10.0 286.4 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
15 1 24 24 10 57.1 0.136 0.850 0.014 390. 120. -4.0 0.0210 0.83 0.24 1.55 217.0 10.0 289.2 2.0 0
0.00 57. 1017. 0 ADJ-A1 NoSubs
15 1 24 24 11 94.0 0.273 1.090 0.017 500. 343. -19.7 0.0230 0.83 0.21 3.61 103.0 10.0 291.4 2.0 0
0.00 49. 1016. 0 ADJ-A1 NoSubs
15 1 24 24 12 116.2 0.240 1.251 0.016 611. 283. -10.8 0.0230 0.83 0.19 3.01 102.0 10.0 294.2 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
15 1 24 24 13 122.1 0.192 1.330 0.016 696. 202. -5.2 0.0280 0.83 0.19 2.13 120.0 10.0 295.9 2.0 0
0.00 36. 1014. 0 ADJ-A1 NoSubs
15 1 24 24 14 111.3 0.154 1.297 0.015 709. 146. -3.0 0.0210 0.83 0.20 1.69 211.0 10.0 296.4 2.0 0

0.00 33. 1013. 0 ADJ-A1 NoSubs
15 1 24 24 15 85.1 0.161 1.192 0.014 719. 156. -4.5 0.0200 0.83 0.22 1.89 72.0 10.0 297.5 2.0 0
0.00 29. 1013. 0 ADJ-A1 NoSubs
15 1 24 24 16 44.2 0.133 0.960 0.013 724. 116. -4.8 0.0200 0.83 0.27 1.57 82.0 10.0 297.5 2.0 0
0.00 31. 1013. 0 ADJ-A1 NoSubs
15 1 24 24 17 -3.2 0.121 -9.000 -9.000 -999. 102. 51.2 0.0280 0.83 0.43 1.89 120.0 10.0 293.1 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
15 1 24 24 18 -7.0 0.108 -9.000 -9.000 -999. 85. 16.0 0.0180 0.83 1.00 1.89 259.0 10.0 291.4 2.0 0
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15 1 24 24 19 -11.0 0.137 -9.000 -9.000 -999. 122. 21.0 0.0230 0.83 1.00 2.27 307.0 10.0 288.8 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
15 1 24 24 20 -9.8 0.129 -9.000 -9.000 -999. 112. 20.0 0.0270 0.83 1.00 2.10 349.0 10.0 287.5 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
15 1 24 24 21 -5.4 0.095 -9.000 -9.000 -999. 70. 14.3 0.0270 0.83 1.00 1.57 335.0 10.0 286.4 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
15 1 24 24 22 -10.9 0.135 -9.000 -9.000 -999. 120. 20.6 0.0230 0.83 1.00 2.25 323.0 10.0 284.9 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
15 1 24 24 23 -4.3 0.084 -9.000 -9.000 -999. 59. 12.6 0.0230 0.83 1.00 1.43 317.0 10.0 284.2 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
15 1 24 24 24 -5.5 0.095 -9.000 -9.000 -999. 70. 14.0 0.0200 0.83 1.00 1.65 60.0 10.0 285.4 2.0 0
0.00 63. 1014. 0 ADJ-A1 NoSubs
15 1 25 25 1 -5.7 0.097 -9.000 -9.000 -999. 73. 14.4 0.0230 0.83 1.00 1.65 24.0 10.0 282.5 2.0 0
0.00 70. 1014. 0 ADJ-A1 NoSubs
15 1 25 25 2 -4.1 0.082 -9.000 -9.000 -999. 57. 12.3 0.0230 0.83 1.00 1.39 4.0 10.0 283.1 2.0 0
0.00 67. 1014. 0 ADJ-A1 Sub_CC
15 1 25 25 3 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0240 0.83 1.00 1.47 34.0 10.0 282.0 2.0 0
0.00 70. 1014. 0 ADJ-A1 NoSubs
15 1 25 25 4 -4.1 0.083 -9.000 -9.000 -999. 57. 12.3 0.0230 0.83 1.00 1.40 20.0 10.0 283.1 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
15 1 25 25 5 -3.3 0.074 -9.000 -9.000 -999. 48. 11.0 0.0180 0.83 1.00 1.28 275.0 10.0 280.9 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
15 1 25 25 6 -2.1 0.062 -9.000 -9.000 -999. 37. 10.6 0.0180 0.83 1.00 0.94 269.0 10.0 280.4 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
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0.00 78. 1013. 0 ADJ-A1 NoSubs
15 1 25 25 8 -2.5 0.068 -9.000 -9.000 -999. 42. 11.2 0.0270 0.83 0.66 1.03 342.0 10.0 280.9 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
15 1 25 25 9 8.9 0.100 0.259 0.023 70. 76. -10.2 0.0240 0.83 0.35 1.24 55.0 10.0 284.2 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
15 1 25 25 10 57.4 0.232 0.641 0.018 166. 268. -19.7 0.0200 0.83 0.24 3.15 77.0 10.0 287.5 2.0 0
0.00 55. 1013. 0 ADJ-A1 NoSubs
15 1 25 25 11 95.2 0.286 0.847 0.015 231. 368. -22.3 0.0200 0.83 0.21 3.92 81.0 10.0 292.0 2.0 0
0.00 44. 1013. 0 ADJ-A1 NoSubs
15 1 25 25 12 117.6 0.185 1.013 0.016 319. 195. -4.8 0.0200 0.83 0.19 2.18 75.0 10.0 294.9 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
15 1 25 25 13 124.4 0.182 1.110 0.014 397. 187. -4.4 0.0200 0.83 0.19 2.13 89.0 10.0 298.1 2.0 0
0.00 31. 1011. 0 ADJ-A1 NoSubs
15 1 25 25 14 114.4 0.216 1.129 0.012 453. 241. -7.9 0.0230 0.83 0.20 2.62 94.0 10.0 299.9 2.0 0
0.00 20. 1010. 0 ADJ-A1 NoSubs
15 1 25 25 15 88.3 0.190 1.060 0.011 486. 199. -7.0 0.0200 0.83 0.22 2.34 70.0 10.0 300.9 2.0 0
0.00 20. 1010. 0 ADJ-A1 NoSubs
15 1 25 25 16 46.3 0.201 0.863 0.011 500. 216. -15.7 0.0200 0.83 0.27 2.67 66.0 10.0 299.2 2.0 0
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15 1 25 25 17 -2.2 0.140 -9.000 -9.000 -999. 127. 114.8 0.0200 0.83 0.42 2.27 79.0 10.0 297.5 2.0 0

0.00 28. 1009. 0 ADJ-A1 NoSubs
15 1 25 25 18 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0230 0.83 1.00 1.74 18.0 10.0 293.1 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
15 1 25 25 19 -3.5 0.077 -9.000 -9.000 -999. 51. 11.8 0.0240 0.83 1.00 1.28 30.0 10.0 290.9 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
15 1 25 25 20 -3.9 0.080 -9.000 -9.000 -999. 54. 11.8 0.0180 0.83 1.00 1.40 299.0 10.0 288.8 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
15 1 25 25 21 -6.0 0.100 -9.000 -9.000 -999. 75. 14.9 0.0230 0.83 1.00 1.69 315.0 10.0 287.0 2.0 0
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15 1 25 25 22 -3.2 0.073 -9.000 -9.000 -999. 47. 10.9 0.0180 0.83 1.00 1.25 293.0 10.0 284.9 2.0 0
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15 1 25 25 23 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0230 0.83 1.00 1.86 306.0 10.0 285.4 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
15 1 25 25 24 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.83 1.00 1.55 302.0 10.0 283.1 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
15 1 26 26 1 -6.6 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.83 1.00 1.77 309.0 10.0 282.5 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
15 1 26 26 2 -4.3 0.084 -9.000 -9.000 -999. 58. 12.2 0.0180 0.83 1.00 1.48 280.0 10.0 283.1 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
15 1 26 26 3 -4.8 0.088 -9.000 -9.000 -999. 63. 13.0 0.0210 0.83 1.00 1.52 233.0 10.0 282.0 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
15 1 26 26 4 -4.9 0.089 -9.000 -9.000 -999. 63. 12.9 0.0180 0.83 1.00 1.57 278.0 10.0 281.4 2.0 0
0.00 73. 1011. 0 ADJ-A1 NoSubs
15 1 26 26 5 -8.5 0.118 -9.000 -9.000 -999. 98. 17.6 0.0230 0.83 1.00 1.99 316.0 10.0 278.8 2.0 0
0.00 78. 1010. 0 ADJ-A1 NoSubs
15 1 26 26 6 -5.7 0.097 -9.000 -9.000 -999. 73. 14.4 0.0230 0.83 1.00 1.65 4.0 10.0 283.1 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
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0.00 65. 1010. 0 ADJ-A1 NoSubs
15 1 26 26 8 -7.3 0.111 -9.000 -9.000 -999. 89. 17.0 0.0240 0.83 0.66 1.86 33.0 10.0 283.8 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
15 1 26 26 9 10.1 0.113 0.236 0.022 46. 91. -12.7 0.0270 0.83 0.34 1.39 331.0 10.0 285.9 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
15 1 26 26 10 58.9 0.146 0.544 0.021 98. 134. -4.8 0.0230 0.83 0.24 1.68 327.0 10.0 289.2 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
15 1 26 26 11 95.5 0.140 0.786 0.018 183. 125. -2.6 0.0230 0.83 0.21 1.47 95.0 10.0 290.4 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
15 1 26 26 12 117.9 0.204 0.983 0.015 290. 221. -6.5 0.0310 0.83 0.19 2.27 174.0 10.0 293.1 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
15 1 26 26 13 123.8 0.150 1.055 0.012 341. 140. -2.5 0.0280 0.83 0.19 1.50 131.0 10.0 294.9 2.0 0
0.00 34. 1009. 0 ADJ-A1 NoSubs
15 1 26 26 14 112.9 0.139 1.054 0.010 373. 125. -2.2 0.0270 0.83 0.20 1.38 332.0 10.0 294.9 2.0 0
0.00 34. 1009. 0 ADJ-A1 NoSubs
15 1 26 26 15 86.2 0.111 0.982 0.008 396. 88. -1.4 0.0170 0.83 0.21 1.14 190.0 10.0 294.9 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
15 1 26 26 16 44.5 0.124 0.801 0.007 415. 105. -3.9 0.0170 0.83 0.27 1.48 200.0 10.0 293.1 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
15 1 26 26 17 -2.5 0.115 -9.000 -9.000 -999. 94. 55.2 0.0310 0.83 0.42 1.76 170.0 10.0 290.9 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
15 1 26 26 18 -4.7 0.088 -9.000 -9.000 -999. 62. 12.9 0.0180 0.83 1.00 1.55 241.0 10.0 290.4 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
15 1 26 26 19 -8.8 0.121 -9.000 -9.000 -999. 101. 18.1 0.0180 0.83 1.00 2.11 292.0 10.0 289.2 2.0 0
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0.00 56. 1010. 0 ADJ-A1 NoSubs
15 1 26 26 21 -6.9 0.107 -9.000 -9.000 -999. 84. 16.1 0.0230 0.83 1.00 1.81 312.0 10.0 287.5 2.0 0
0.00 61. 1010. 0 ADJ-A1 NoSubs
15 1 26 26 22 -9.7 0.127 -9.000 -9.000 -999. 108. 18.9 0.0180 0.83 1.00 2.20 295.0 10.0 286.4 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
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0.00 61. 1011. 0 ADJ-A1 NoSubs
15 1 26 26 24 -12.6 0.147 -9.000 -9.000 -999. 135. 23.7 0.0230 0.83 1.00 2.42 300.0 10.0 285.9 2.0 0
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15 1 27 27 4 -14.7 0.161 -9.000 -9.000 -999. 155. 28.5 0.0310 0.83 1.00 2.51 177.0 10.0 289.2 2.0 0
0.00 55. 1014. 10 ADJ-A1 NoSubs
15 1 27 27 5 -4.5 0.086 -9.000 -9.000 -999. 62. 12.8 0.0210 0.83 1.00 1.48 236.0 10.0 288.8 2.0 0
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15 1 27 27 6 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0230 0.83 1.00 1.84 302.0 10.0 288.1 2.0 0
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15 1 27 27 7 -5.0 0.090 -9.000 -9.000 -999. 65. 13.2 0.0180 0.83 1.00 1.59 264.0 10.0 287.5 2.0 0
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15 1 27 27 8 -8.5 0.119 -9.000 -9.000 -999. 99. 18.2 0.0210 0.83 0.65 2.03 229.0 10.0 287.0 2.0 0
0.00 71. 1016. 10 ADJ-A1 NoSubs
15 1 27 27 9 0.8 0.116 0.059 0.005 9. 95. -176.6 0.0230 0.83 0.34 1.71 4.0 10.0 287.5 2.0 0
0.00 71. 1016. 10 ADJ-A1 NoSubs
15 1 27 27 10 13.3 0.129 0.259 0.005 47. 111. -14.6 0.0170 0.83 0.24 1.76 196.0 10.0 289.2 2.0 0
0.00 69. 1017. 10 ADJ-A1 NoSubs
15 1 27 27 11 22.6 0.130 0.472 0.005 168. 113. -8.9 0.0230 0.83 0.20 1.60 115.0 10.0 289.9 2.0 0
0.00 64. 1017. 10 ADJ-A1 NoSubs
15 1 27 27 12 28.1 0.139 0.617 0.005 302. 125. -8.7 0.0210 0.83 0.19 1.74 217.0 10.0 290.4 2.0 0
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15 1 27 27 13 104.5 0.115 1.085 0.005 443. 94. -1.3 0.0240 0.83 0.19 1.08 40.0 10.0 291.4 2.0 0
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15 1 27 27 14 117.7 0.133 1.280 0.008 647. 117. -1.8 0.0230 0.83 0.20 1.33 4.0 10.0 292.0 2.0 0
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15 1 27 27 15 86.7 0.132 1.293 0.010 906. 115. -2.4 0.0230 0.83 0.21 1.38 312.0 10.0 293.1 2.0 0
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15 1 27 27 16 44.6 0.302 1.041 0.010 919. 399. -56.3 0.0180 0.83 0.26 4.46 241.0 10.0 290.4 2.0 0
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15 1 27 27 17 -2.5 0.142 -9.000 -9.000 -999. 149. 104.7 0.0210 0.83 0.41 2.28 238.0 10.0 291.4 2.0 0
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15 1 27 27 18 -11.2 0.136 -9.000 -9.000 -999. 121. 20.6 0.0180 0.83 1.00 2.35 246.0 10.0 288.8 2.0 0
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15 1 27 27 19 -2.1 0.064 -9.000 -9.000 -999. 41. 11.3 0.0280 0.83 1.00 0.91 142.0 10.0 287.5 2.0 0
0.00 66. 1018. 0 ADJ-A1 NoSubs
15 1 27 27 20 -7.3 0.110 -9.000 -9.000 -999. 88. 16.6 0.0230 0.83 1.00 1.86 321.0 10.0 285.9 2.0 0
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15 1 27 27 21 -9.6 0.126 -9.000 -9.000 -999. 108. 19.1 0.0230 0.83 1.00 2.11 308.0 10.0 284.9 2.0 0
0.00 79. 1018. 0 ADJ-A1 NoSubs
15 1 27 27 22 -12.4 0.145 -9.000 -9.000 -999. 132. 23.0 0.0230 0.83 1.00 2.39 314.0 10.0 284.2 2.0 0
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15 1 27 27 23 -12.5 0.145 -9.000 -9.000 -999. 133. 23.2 0.0230 0.83 1.00 2.40 308.0 10.0 284.2 2.0 0

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15 1 27 27 24 -13.7 0.152 -9.000 -9.000 -999. 142. 25.4 0.0230 0.83 1.00 2.50 314.0 10.0 283.1 2.0 0
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15 1 28 28 1 -7.4 0.110 -9.000 -9.000 -999. 88. 16.5 0.0230 0.83 1.00 1.86 315.0 10.0 283.1 2.0 0
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15 1 28 28 2 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.83 1.00 1.28 303.0 10.0 282.0 2.0 0
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15 1 28 28 3 -11.5 0.139 -9.000 -9.000 -999. 125. 21.4 0.0270 0.83 1.00 2.25 334.0 10.0 281.4 2.0 0
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15 1 28 28 8 -1.7 0.059 -9.000 -9.000 -999. 35. 11.5 0.0230 0.83 0.65 0.79 16.0 10.0 282.5 2.0 0
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15 1 28 28 9 11.1 0.146 0.221 0.008 35. 134. -25.5 0.0270 0.83 0.34 1.91 352.0 10.0 283.8 2.0 0
0.00 76. 1019. 0 ADJ-A1 NoSubs
15 1 28 28 10 60.6 0.109 0.656 0.007 169. 87. -2.0 0.0230 0.83 0.24 1.11 318.0 10.0 288.8 2.0 0
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15 1 28 28 11 97.8 0.153 0.934 0.005 302. 144. -3.3 0.0280 0.83 0.20 1.60 122.0 10.0 290.9 2.0 0
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15 1 28 28 12 119.8 0.200 1.129 0.005 436. 214. -6.0 0.0230 0.83 0.19 2.35 108.0 10.0 292.5 2.0 0
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15 1 28 28 13 125.7 0.206 1.374 0.005 749. 225. -6.3 0.0230 0.83 0.19 2.44 113.0 10.0 293.8 2.0 0
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15 1 28 28 14 115.1 0.176 1.406 0.005 877. 178. -4.3 0.0230 0.83 0.19 1.99 117.0 10.0 294.2 2.0 0
0.00 45. 1016. 0 ADJ-A1 NoSubs
15 1 28 28 15 88.2 0.197 1.319 0.005 942. 210. -7.8 0.0230 0.83 0.21 2.39 114.0 10.0 293.8 2.0 0
0.00 44. 1015. 0 ADJ-A1 NoSubs
15 1 28 28 16 47.2 0.221 1.084 0.005 976. 249. -20.7 0.0200 0.83 0.26 3.01 89.0 10.0 293.8 2.0 0
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15 1 28 28 17 -1.4 0.091 -9.000 -9.000 -999. 79. 48.3 0.0180 0.83 0.41 1.52 265.0 10.0 290.4 2.0 0
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15 1 28 28 18 -3.0 0.071 -9.000 -9.000 -999. 45. 10.8 0.0180 0.83 1.00 1.21 248.0 10.0 288.8 2.0 0
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15 1 28 28 19 -4.0 0.081 -9.000 -9.000 -999. 55. 12.0 0.0180 0.83 1.00 1.43 292.0 10.0 287.5 2.0 0
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15 1 28 28 20 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0230 0.83 1.00 1.65 316.0 10.0 286.4 2.0 0
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15 1 28 28 21 -12.3 0.144 -9.000 -9.000 -999. 131. 22.8 0.0230 0.83 1.00 2.38 307.0 10.0 284.9 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
15 1 28 28 22 -12.9 0.148 -9.000 -9.000 -999. 137. 24.1 0.0230 0.83 1.00 2.44 306.0 10.0 284.9 2.0 0
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15 1 28 28 23 -13.1 0.149 -9.000 -9.000 -999. 137. 24.3 0.0230 0.83 1.00 2.45 316.0 10.0 284.2 2.0 0
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15 1 28 28 24 -11.8 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.83 1.00 2.33 309.0 10.0 283.8 2.0 0
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15 1 29 29 1 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.83 1.00 1.47 330.0 10.0 281.4 2.0 0
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15 1 29 29 2 -5.4 0.093 -9.000 -9.000 -999. 68. 13.4 0.0180 0.83 1.00 1.64 286.0 10.0 281.4 2.0 0

0.00 85. 1015. 0 ADJ-A1 NoSubs
15 1 29 29 3 -3.8 0.080 -9.000 -9.000 -999. 54. 12.2 0.0280 0.83 1.00 1.30 142.0 10.0 283.1 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
15 1 29 29 4 -4.4 0.084 -9.000 -9.000 -999. 58. 12.2 0.0180 0.83 1.00 1.48 286.0 10.0 280.9 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
15 1 29 29 5 -3.7 0.078 -9.000 -9.000 -999. 52. 11.7 0.0230 0.83 1.00 1.31 316.0 10.0 281.4 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
15 1 29 29 6 -6.3 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.83 1.00 1.72 303.0 10.0 280.4 2.0 0
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15 1 29 29 7 -3.2 0.073 -9.000 -9.000 -999. 48. 11.2 0.0230 0.83 1.00 1.20 319.0 10.0 279.2 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
15 1 29 29 8 -2.9 0.072 -9.000 -9.000 -999. 46. 11.4 0.0270 0.83 0.64 1.14 332.0 10.0 280.9 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
15 1 29 29 9 12.0 0.108 0.286 0.014 71. 86. -9.6 0.0240 0.83 0.34 1.33 50.0 10.0 284.2 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
15 1 29 29 10 61.0 0.099 0.729 0.013 230. 74. -1.4 0.0210 0.83 0.24 0.97 231.0 10.0 287.0 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
15 1 29 29 11 98.5 0.122 0.949 0.011 314. 103. -1.7 0.0310 0.83 0.20 1.12 153.0 10.0 289.9 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
15 1 29 29 12 121.0 0.132 1.095 0.010 392. 116. -1.7 0.0280 0.83 0.19 1.25 142.0 10.0 292.5 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
15 1 29 29 13 127.4 0.153 1.178 0.008 464. 144. -2.5 0.0310 0.83 0.19 1.50 175.0 10.0 294.9 2.0 0
0.00 43. 1013. 0 ADJ-A1 NoSubs
15 1 29 29 14 117.1 0.154 1.237 0.006 584. 145. -2.8 0.0230 0.83 0.19 1.64 108.0 10.0 295.9 2.0 0
0.00 41. 1012. 0 ADJ-A1 NoSubs
15 1 29 29 15 89.7 0.231 1.183 0.005 667. 267. -12.4 0.0310 0.83 0.21 2.76 178.0 10.0 294.2 2.0 0
0.00 50. 1011. 0 ADJ-A1 NoSubs
15 1 29 29 16 48.2 0.247 0.978 0.005 701. 295. -28.4 0.0180 0.83 0.26 3.51 243.0 10.0 293.1 2.0 0
0.00 48. 1011. 0 ADJ-A1 NoSubs
15 1 29 29 17 -0.8 0.113 -9.000 -9.000 -999. 104. 164.7 0.0180 0.83 0.40 1.84 245.0 10.0 293.1 2.0 0
0.00 46. 1011. 0 ADJ-A1 NoSubs
15 1 29 29 18 -2.5 0.067 -9.000 -9.000 -999. 42. 10.8 0.0210 0.83 1.00 1.08 213.0 10.0 290.9 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
15 1 29 29 19 -3.4 0.076 -9.000 -9.000 -999. 50. 11.6 0.0230 0.83 1.00 1.26 300.0 10.0 288.1 2.0 0
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15 1 29 29 20 -3.8 0.079 -9.000 -9.000 -999. 53. 11.6 0.0170 0.83 1.00 1.40 206.0 10.0 287.0 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
15 1 29 29 21 -3.6 0.077 -9.000 -9.000 -999. 51. 11.4 0.0180 0.83 1.00 1.35 263.0 10.0 285.9 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
15 1 29 29 22 -5.5 0.094 -9.000 -9.000 -999. 70. 13.8 0.0180 0.83 1.00 1.67 291.0 10.0 284.9 2.0 0
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15 1 29 29 23 -10.0 0.130 -9.000 -9.000 -999. 112. 19.6 0.0230 0.83 1.00 2.16 313.0 10.0 284.2 2.0 0
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15 1 29 29 24 -10.2 0.131 -9.000 -9.000 -999. 114. 19.9 0.0230 0.83 1.00 2.18 309.0 10.0 284.2 2.0 0
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15 1 30 30 1 -5.2 0.093 -9.000 -9.000 -999. 68. 14.0 0.0270 0.83 1.00 1.54 345.0 10.0 283.1 2.0 0
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15 1 30 30 2 -7.3 0.110 -9.000 -9.000 -999. 88. 16.4 0.0230 0.83 1.00 1.86 311.0 10.0 282.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
15 1 30 30 3 -3.9 0.080 -9.000 -9.000 -999. 54. 11.7 0.0180 0.83 1.00 1.40 283.0 10.0 282.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 1 30 30 4 -3.8 0.079 -9.000 -9.000 -999. 53. 11.6 0.0180 0.83 1.00 1.38 264.0 10.0 282.0 2.0 0
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15 1 30 30 5 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.60 329.0 10.0 280.9 2.0 0

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15 1 30 30 6 -4.2 0.083 -9.000 -9.000 -999. 58. 12.5 0.0270 0.83 1.00 1.37 330.0 10.0 280.9 2.0 0
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15 1 30 30 7 -7.9 0.115 -9.000 -9.000 -999. 94. 17.4 0.0270 0.83 1.00 1.89 334.0 10.0 280.9 2.0 0
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15 1 30 30 8 -5.3 0.094 -9.000 -9.000 -999. 69. 14.3 0.0230 0.83 0.63 1.60 27.0 10.0 281.4 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
15 1 30 30 9 0.1 0.132 0.016 0.016 3. 115. -3870.8 0.0240 0.83 0.33 1.99 43.0 10.0 282.5 2.0 0
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15 1 30 30 10 61.5 0.188 0.711 0.017 210. 195. -9.7 0.0200 0.83 0.24 2.39 86.0 10.0 285.4 2.0 0
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15 1 30 30 11 98.8 0.166 0.955 0.015 317. 162. -4.1 0.0230 0.83 0.20 1.86 97.0 10.0 287.5 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
15 1 30 30 12 121.1 0.148 1.084 0.012 379. 137. -2.4 0.0230 0.83 0.19 1.55 94.0 10.0 289.9 2.0 0
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15 1 30 30 13 126.5 0.215 1.178 0.010 464. 239. -7.1 0.0310 0.83 0.19 2.42 179.0 10.0 289.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
15 1 30 30 14 115.8 0.281 1.189 0.009 521. 357. -17.1 0.0210 0.83 0.19 3.73 219.0 10.0 289.9 2.0 0
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15 1 30 30 15 89.2 0.286 1.110 0.008 551. 367. -23.6 0.0210 0.83 0.21 3.90 214.0 10.0 289.9 2.0 0
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15 1 30 30 16 47.9 0.229 0.910 0.007 565. 265. -22.6 0.0280 0.83 0.26 2.95 147.0 10.0 289.2 2.0 0
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15 1 30 30 17 -2.2 0.216 -9.000 -9.000 -999. 242. 419.9 0.0230 0.83 0.40 3.34 114.0 10.0 288.1 2.0 0
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15 1 30 30 18 -18.2 0.185 -9.000 -9.000 -999. 191. 37.7 0.0230 0.83 1.00 3.01 117.0 10.0 286.4 2.0 0
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15 1 30 30 19 -7.2 0.110 -9.000 -9.000 -999. 89. 16.5 0.0240 0.83 1.00 1.84 55.0 10.0 286.4 2.0 0
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15 1 30 30 20 -6.6 0.105 -9.000 -9.000 -999. 81. 15.6 0.0230 0.83 1.00 1.77 14.0 10.0 285.4 2.0 0
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15 1 30 30 21 -7.5 0.112 -9.000 -9.000 -999. 90. 16.8 0.0230 0.83 1.00 1.89 1.0 10.0 285.4 2.0 0
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15 1 30 30 22 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0230 0.83 1.00 1.35 3.0 10.0 286.4 2.0 0
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15 1 30 30 23 -3.2 0.074 -9.000 -9.000 -999. 49. 11.4 0.0230 0.83 1.00 1.23 3.0 10.0 285.9 2.0 0
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15 1 30 30 24 -5.7 0.098 -9.000 -9.000 -999. 74. 14.7 0.0270 0.83 1.00 1.62 331.0 10.0 283.8 2.0 0
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15 1 31 31 1 -6.7 0.106 -9.000 -9.000 -999. 83. 15.8 0.0230 0.83 1.00 1.79 311.0 10.0 283.8 2.0 0
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15 1 31 31 2 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.83 1.00 1.82 321.0 10.0 283.8 2.0 0
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15 1 31 31 3 -3.1 0.073 -9.000 -9.000 -999. 47. 11.4 0.0270 0.83 1.00 1.16 342.0 10.0 283.8 2.0 0
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15 1 31 31 4 -4.1 0.083 -9.000 -9.000 -999. 57. 12.2 0.0200 0.83 1.00 1.43 81.0 10.0 283.8 2.0 0
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15 1 31 31 5 -2.7 0.069 -9.000 -9.000 -999. 43. 10.9 0.0230 0.83 1.00 1.09 303.0 10.0 283.1 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
15 1 31 31 6 -14.2 0.157 -9.000 -9.000 -999. 149. 26.9 0.0280 0.83 1.00 2.49 128.0 10.0 282.5 2.0 0
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15 1 31 31 7 -9.0 0.123 -9.000 -9.000 -999. 104. 18.5 0.0230 0.83 1.00 2.06 95.0 10.0 282.5 2.0 0
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15 1 31 31 8 -4.8 0.090 -9.000 -9.000 -999. 65. 13.6 0.0230 0.83 0.63 1.53 307.0 10.0 282.5 2.0 0

0.00 92. 1009. 10 ADJ-A1 NoSubs
15 1 31 31 9 0.3 0.090 0.030 0.017 4. 65. -240.1 0.0200 0.83 0.33 1.37 89.0 10.0 282.5 2.0 0
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15 1 31 31 10 62.7 0.133 0.637 0.014 148. 116. -3.4 0.0230 0.83 0.24 1.45 21.0 10.0 285.9 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
15 1 31 31 11 100.9 0.171 0.921 0.011 279. 169. -4.4 0.0310 0.83 0.20 1.81 151.0 10.0 290.4 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
15 1 31 31 12 123.3 0.185 1.044 0.009 333. 191. -4.6 0.0170 0.83 0.19 2.25 205.0 10.0 292.5 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
15 1 31 31 13 129.3 0.145 1.111 0.006 381. 132. -2.1 0.0280 0.83 0.19 1.41 144.0 10.0 293.8 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
15 1 31 31 14 118.6 0.251 1.192 0.006 514. 302. -12.0 0.0210 0.83 0.19 3.23 216.0 10.0 293.8 2.0 0
0.00 37. 1009. 0 ADJ-A1 NoSubs
15 1 31 31 15 91.6 0.297 1.198 0.006 676. 389. -25.9 0.0210 0.83 0.21 4.08 239.0 10.0 292.5 2.0 0
0.00 35. 1009. 0 ADJ-A1 NoSubs
15 1 31 31 16 50.3 0.236 1.002 0.006 720. 276. -23.4 0.0180 0.83 0.26 3.30 243.0 10.0 292.0 2.0 0
0.00 36. 1009. 0 ADJ-A1 NoSubs
15 1 31 31 17 0.2 0.064 0.160 0.006 721. 83. -115.8 0.0210 0.83 0.39 0.95 228.0 10.0 292.5 2.0 0
0.00 30. 1009. 0 ADJ-A1 NoSubs
15 1 31 31 18 -5.6 0.096 -9.000 -9.000 -999. 71. 14.1 0.0180 0.83 1.00 1.69 275.0 10.0 289.2 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
15 1 31 31 19 -11.0 0.137 -9.000 -9.000 -999. 121. 20.9 0.0230 0.83 1.00 2.27 306.0 10.0 286.4 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
15 1 31 31 20 -9.4 0.126 -9.000 -9.000 -999. 107. 19.0 0.0230 0.83 1.00 2.10 314.0 10.0 284.9 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
15 1 31 31 21 -18.0 0.181 -9.000 -9.000 -999. 185. 36.1 0.0230 0.83 1.00 2.95 308.0 10.0 284.9 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
15 1 31 31 22 -9.5 0.126 -9.000 -9.000 -999. 108. 19.1 0.0230 0.83 1.00 2.11 309.0 10.0 283.8 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
15 1 31 31 23 -10.9 0.135 -9.000 -9.000 -999. 120. 20.5 0.0230 0.83 1.00 2.25 316.0 10.0 282.5 2.0 0
0.00 63. 1012. 0 ADJ-A1 NoSubs
15 1 31 31 24 -8.7 0.120 -9.000 -9.000 -999. 100. 17.9 0.0230 0.83 1.00 2.01 312.0 10.0 281.4 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
15 2 1 32 1 -10.5 0.133 -9.000 -9.000 -999. 117. 20.3 0.0270 0.83 1.00 2.16 330.0 10.0 280.9 2.0 0
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15 2 1 32 2 -8.9 0.122 -9.000 -9.000 -999. 102. 18.3 0.0230 0.83 1.00 2.04 312.0 10.0 281.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
15 2 1 32 3 -4.9 0.089 -9.000 -9.000 -999. 64. 13.2 0.0230 0.83 1.00 1.52 317.0 10.0 280.9 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
15 2 1 32 4 -6.3 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.83 1.00 1.72 310.0 10.0 280.4 2.0 0
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15 2 1 32 5 -16.2 0.166 -9.000 -9.000 -999. 162. 30.1 0.0230 0.83 1.00 2.71 317.0 10.0 280.4 2.0 0
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15 2 1 32 6 -12.6 0.145 -9.000 -9.000 -999. 133. 23.2 0.0230 0.83 1.00 2.40 318.0 10.0 279.9 2.0 0
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15 2 1 32 7 -5.4 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.83 1.00 1.59 28.0 10.0 279.2 2.0 0
0.00 75. 1014. 0 ADJ-A1 NoSubs
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0.00 72. 1015. 0 ADJ-A1 NoSubs
15 2 1 32 9 14.7 0.121 0.253 0.019 40. 102. -11.1 0.0180 0.83 0.33 1.60 243.0 10.0 284.2 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
15 2 1 32 10 63.9 0.149 0.701 0.018 195. 138. -4.7 0.0310 0.83 0.23 1.59 153.0 10.0 286.4 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
15 2 1 32 11 101.8 0.147 0.907 0.015 265. 136. -2.8 0.0230 0.83 0.20 1.57 93.0 10.0 289.9 2.0 0

0.00 45. 1015. 0 ADJ-A1 NoSubs
15 2 1 32 12 124.8 0.165 1.062 0.013 347. 160. -3.2 0.0230 0.83 0.19 1.79 113.0 10.0 293.1 2.0 0
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15 2 1 32 13 130.8 0.118 1.128 0.010 397. 97. -1.1 0.0230 0.83 0.19 1.09 110.0 10.0 294.2 2.0 0
0.00 30. 1014. 0 ADJ-A1 NoSubs
15 2 1 32 14 119.4 0.246 1.147 0.008 457. 293. -11.3 0.0210 0.83 0.19 3.15 215.0 10.0 292.5 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
15 2 1 32 15 93.4 0.238 1.090 0.007 501. 278. -13.0 0.0210 0.83 0.21 3.08 231.0 10.0 293.8 2.0 0
0.00 50. 1013. 0 ADJ-A1 NoSubs
15 2 1 32 16 51.7 0.187 0.907 0.007 521. 194. -11.4 0.0170 0.83 0.25 2.49 194.0 10.0 292.5 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
15 2 1 32 17 0.6 0.137 0.210 0.007 520. 122. -359.8 0.0280 0.83 0.39 1.98 128.0 10.0 290.9 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
15 2 1 32 18 -6.2 0.102 -9.000 -9.000 -999. 79. 15.7 0.0310 0.83 1.00 1.65 178.0 10.0 289.2 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
15 2 1 32 19 -5.5 0.094 -9.000 -9.000 -999. 70. 13.9 0.0180 0.83 1.00 1.67 284.0 10.0 287.6 2.0 9999
-9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
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0.00 76. 1015. 0 ADJ-A1 NoSubs
15 2 1 32 21 -8.0 0.115 -9.000 -9.000 -999. 94. 17.3 0.0230 0.83 1.00 1.94 324.0 10.0 284.9 2.0 0
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15 2 1 32 22 -4.7 0.088 -9.000 -9.000 -999. 63. 13.1 0.0230 0.83 1.00 1.50 326.0 10.0 284.2 2.0 0
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0.00 74. 1015. 0 ADJ-A1 NoSubs
15 2 1 32 24 -6.7 0.106 -9.000 -9.000 -999. 82. 15.9 0.0270 0.83 1.00 1.74 334.0 10.0 283.8 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
15 2 2 33 1 -5.4 0.094 -9.000 -9.000 -999. 69. 14.0 0.0230 0.83 1.00 1.60 322.0 10.0 283.1 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
15 2 2 33 2 -6.5 0.103 -9.000 -9.000 -999. 79. 15.0 0.0180 0.83 1.00 1.81 284.0 10.0 282.5 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
15 2 2 33 3 -3.9 0.080 -9.000 -9.000 -999. 54. 11.7 0.0180 0.83 1.00 1.40 271.0 10.0 281.4 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
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0.00 82. 1015. 0 ADJ-A1 NoSubs
15 2 2 33 5 -10.3 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.83 1.00 2.18 325.0 10.0 280.4 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
15 2 2 33 6 -9.8 0.128 -9.000 -9.000 -999. 109. 19.2 0.0230 0.83 1.00 2.13 307.0 10.0 280.4 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
15 2 2 33 7 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0270 0.83 1.00 1.71 339.0 10.0 279.9 2.0 0
0.00 78. 1015. 0 ADJ-A1 NoSubs
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0.00 76. 1015. 0 ADJ-A1 NoSubs
15 2 2 33 9 15.6 0.096 0.260 0.017 40. 72. -5.2 0.0210 0.83 0.33 1.14 220.0 10.0 284.2 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
15 2 2 33 10 65.6 0.116 0.662 0.017 160. 95. -2.2 0.0280 0.83 0.23 1.14 125.0 10.0 288.1 2.0 0
0.00 54. 1016. 0 ADJ-A1 NoSubs
15 2 2 33 11 103.0 0.168 0.910 0.015 265. 165. -4.1 0.0310 0.83 0.20 1.76 171.0 10.0 289.9 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
15 2 2 33 12 125.5 0.160 1.141 0.014 429. 154. -3.0 0.0280 0.83 0.19 1.65 143.0 10.0 292.0 2.0 0
0.00 49. 1015. 0 ADJ-A1 NoSubs
15 2 2 33 13 131.6 0.150 1.201 0.012 476. 140. -2.3 0.0310 0.83 0.19 1.45 175.0 10.0 293.1 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
15 2 2 33 14 122.0 0.127 1.204 0.010 517. 108. -1.5 0.0230 0.83 0.19 1.23 110.0 10.0 295.4 2.0 0

0.00 47. 1013. 0 ADJ-A1 NoSubs
15 2 2 33 15 96.0 0.134 1.136 0.009 552. 117. -2.2 0.0170 0.83 0.21 1.48 185.0 10.0 296.4 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
15 2 2 33 16 54.1 0.195 0.951 0.009 573. 207. -12.4 0.0210 0.83 0.25 2.52 224.0 10.0 294.9 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
15 2 2 33 17 2.2 0.193 0.326 0.009 571. 204. -299.3 0.0180 0.83 0.38 3.00 245.0 10.0 292.0 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
15 2 2 33 18 -11.3 0.138 -9.000 -9.000 -999. 123. 20.9 0.0180 0.83 1.00 2.37 277.0 10.0 292.0 2.0 0
0.00 41. 1013. 0 ADJ-A1 NoSubs
15 2 2 33 19 -3.2 0.074 -9.000 -9.000 -999. 49. 11.4 0.0230 0.83 1.00 1.23 15.0 10.0 289.2 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
15 2 2 33 20 -3.9 0.080 -9.000 -9.000 -999. 54. 11.8 0.0180 0.83 1.00 1.40 248.0 10.0 287.5 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
15 2 2 33 21 -9.9 0.129 -9.000 -9.000 -999. 111. 19.6 0.0230 0.83 1.00 2.15 315.0 10.0 286.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
15 2 2 33 22 -8.1 0.117 -9.000 -9.000 -999. 96. 17.6 0.0230 0.83 1.00 1.96 300.0 10.0 286.4 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
15 2 2 33 23 -10.2 0.131 -9.000 -9.000 -999. 114. 19.9 0.0230 0.83 1.00 2.18 309.0 10.0 285.4 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
15 2 2 33 24 -9.7 0.128 -9.000 -9.000 -999. 109. 19.4 0.0230 0.83 1.00 2.13 308.0 10.0 285.4 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
15 2 3 34 1 -4.5 0.087 -9.000 -9.000 -999. 61. 12.9 0.0230 0.83 1.00 1.47 317.0 10.0 286.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
15 2 3 34 2 -2.5 0.067 -9.000 -9.000 -999. 42. 11.2 0.0270 0.83 1.00 1.01 330.0 10.0 284.9 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
15 2 3 34 3 -5.6 0.097 -9.000 -9.000 -999. 72. 14.6 0.0270 0.83 1.00 1.60 344.0 10.0 284.9 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
15 2 3 34 4 -2.5 0.066 -9.000 -9.000 -999. 41. 10.4 0.0170 0.83 1.00 1.08 201.0 10.0 284.2 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
15 2 3 34 5 -1.5 0.059 -9.000 -9.000 -999. 34. 11.9 0.0210 0.83 1.00 0.74 225.0 10.0 284.2 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
15 2 3 34 6 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.83 1.00 1.14 275.0 10.0 283.8 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
15 2 3 34 7 -6.2 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.77 261.0 10.0 283.1 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
15 2 3 34 8 -3.0 0.073 -9.000 -9.000 -999. 47. 11.4 0.0210 0.83 0.61 1.23 233.0 10.0 284.2 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
15 2 3 34 9 17.2 0.092 0.271 0.011 42. 67. -4.2 0.0230 0.83 0.32 1.04 117.0 10.0 286.4 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
15 2 3 34 10 66.9 0.151 0.714 0.011 196. 140. -4.6 0.0200 0.83 0.23 1.77 77.0 10.0 288.8 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
15 2 3 34 11 105.1 0.142 1.016 0.011 361. 129. -2.5 0.0230 0.83 0.20 1.49 96.0 10.0 292.0 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
15 2 3 34 12 127.7 0.143 1.206 0.010 497. 129. -2.1 0.0310 0.83 0.19 1.35 153.0 10.0 294.2 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
15 2 3 34 13 134.7 0.136 1.294 0.009 582. 121. -1.7 0.0310 0.83 0.19 1.25 150.0 10.0 297.0 2.0 0
0.00 37. 1013. 0 ADJ-A1 NoSubs
15 2 3 34 14 124.4 0.201 1.303 0.009 642. 217. -5.9 0.0280 0.83 0.19 2.27 129.0 10.0 297.5 2.0 0
0.00 35. 1012. 0 ADJ-A1 NoSubs
15 2 3 34 15 97.6 0.193 1.228 0.008 685. 203. -6.6 0.0170 0.83 0.21 2.44 184.0 10.0 297.0 2.0 0
0.00 40. 1011. 0 ADJ-A1 NoSubs
15 2 3 34 16 55.9 0.175 1.032 0.008 709. 176. -8.7 0.0170 0.83 0.25 2.28 195.0 10.0 295.9 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
15 2 3 34 17 4.2 0.176 0.437 0.008 709. 177. -115.9 0.0180 0.83 0.38 2.67 240.0 10.0 294.2 2.0 0

0.00 40. 1012. 0 ADJ-A1 NoSubs
15 2 3 34 18 -6.2 0.102 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.73 302.0 10.0 293.1 2.0 0
0.00 39. 1012. 0 ADJ-A1 NoSubs
15 2 3 34 19 -11.2 0.137 -9.000 -9.000 -999. 122. 20.7 0.0180 0.83 1.00 2.36 286.0 10.0 289.9 2.0 0
0.00 53. 1012. 0 ADJ-SFC NoSubs
15 2 3 34 20 -6.5 0.104 -9.000 -9.000 -999. 80. 15.6 0.0230 0.83 1.00 1.76 302.0 10.0 288.1 2.0 0
0.00 66. 1013. 0 ADJ-SFC NoSubs
15 2 3 34 21 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0270 0.83 1.00 1.76 343.0 10.0 287.0 2.0 0
0.00 68. 1013. 0 ADJ-SFC NoSubs
15 2 3 34 22 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0270 0.83 1.00 1.76 348.0 10.0 287.0 2.0 0
0.00 68. 1012. 0 ADJ-SFC NoSubs
15 2 3 34 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 285.4 2.0 0
0.00 74. 1012. 0 ADJ-SFC NoSubs
15 2 3 34 24 -12.0 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 325.0 10.0 285.4 2.0 0
0.00 71. 1012. 0 ADJ-SFC NoSubs
15 2 4 35 1 -6.5 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.83 1.00 1.76 307.0 10.0 285.4 2.0 0
0.00 71. 1012. 0 ADJ-SFC NoSubs
15 2 4 35 2 -6.1 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.76 257.0 10.0 284.9 2.0 0
0.00 73. 1012. 0 ADJ-SFC NoSubs
15 2 4 35 3 -17.5 0.175 -9.000 -9.000 -999. 176. 33.8 0.0230 0.83 1.00 2.86 316.0 10.0 283.1 2.0 0
0.00 79. 1012. 0 ADJ-SFC NoSubs
15 2 4 35 4 -15.4 0.162 -9.000 -9.000 -999. 157. 29.0 0.0230 0.83 1.00 2.66 302.0 10.0 284.2 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
15 2 4 35 5 -3.8 0.080 -9.000 -9.000 -999. 57. 12.2 0.0270 0.83 1.00 1.31 352.0 10.0 283.1 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
15 2 4 35 6 -5.3 0.093 -9.000 -9.000 -999. 68. 13.5 0.0180 0.83 1.00 1.64 289.0 10.0 282.0 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
15 2 4 35 7 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.83 1.00 1.13 287.0 10.0 280.9 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
15 2 4 35 8 -5.4 0.097 -9.000 -9.000 -999. 72. 15.3 0.0270 0.83 0.60 1.60 336.0 10.0 283.1 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
15 2 4 35 9 18.5 0.086 0.360 0.016 91. 60. -3.1 0.0230 0.83 0.32 0.93 321.0 10.0 287.5 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
15 2 4 35 10 67.8 0.201 0.706 0.015 187. 216. -10.8 0.0310 0.83 0.23 2.37 173.0 10.0 288.1 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
15 2 4 35 11 105.2 0.225 0.969 0.014 312. 256. -9.8 0.0310 0.83 0.20 2.62 166.0 10.0 289.2 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
15 2 4 35 12 127.8 0.224 1.122 0.012 399. 255. -8.0 0.0170 0.83 0.19 2.89 199.0 10.0 291.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
15 2 4 35 13 132.9 0.283 1.213 0.011 485. 360. -15.3 0.0180 0.83 0.19 3.83 241.0 10.0 289.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
15 2 4 35 14 122.1 0.357 1.245 0.011 571. 512. -33.7 0.0180 0.83 0.19 5.12 243.0 10.0 289.2 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
15 2 4 35 15 82.2 0.371 1.107 0.010 597. 541. -55.9 0.0180 0.83 0.21 5.46 243.0 10.0 288.1 2.0 0
0.00 80. 1013. 7 ADJ-A1 NoSubs
15 2 4 35 16 11.4 0.261 0.575 0.010 600. 327. -141.0 0.0180 0.83 0.25 3.99 241.0 10.0 287.5 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
15 2 4 35 17 -2.5 0.147 -9.000 -9.000 -999. 143. 114.2 0.0210 0.83 0.37 2.36 236.0 10.0 287.5 2.0 0
0.00 83. 1012. 10 ADJ-SFC NoSubs
15 2 4 35 18 -6.1 0.100 -9.000 -9.000 -999. 76. 14.7 0.0180 0.83 1.00 1.76 282.0 10.0 287.0 2.0 0
0.00 83. 1012. 10 ADJ-SFC NoSubs
15 2 4 35 19 -11.2 0.137 -9.000 -9.000 -999. 122. 20.6 0.0180 0.83 1.00 2.36 285.0 10.0 287.0 2.0 0
0.00 83. 1012. 10 ADJ-SFC NoSubs
15 2 4 35 20 -6.5 0.104 -9.000 -9.000 -999. 80. 15.6 0.0230 0.83 1.00 1.76 314.0 10.0 287.5 2.0 0

0.00 80. 1013. 10 ADJ-SFC NoSubs
15 2 4 35 21 -6.1 0.100 -9.000 -9.000 -999. 76. 14.7 0.0180 0.83 1.00 1.76 276.0 10.0 287.5 2.0 0
0.00 80. 1013. 10 ADJ-SFC NoSubs
15 2 4 35 22 -11.2 0.137 -9.000 -9.000 -999. 122. 20.6 0.0180 0.83 1.00 2.36 274.0 10.0 287.5 2.0 0
0.00 83. 1013. 10 ADJ-SFC NoSubs
15 2 4 35 23 -11.2 0.137 -9.000 -9.000 -999. 122. 20.6 0.0180 0.83 1.00 2.36 282.0 10.0 287.5 2.0 0
0.00 80. 1013. 10 ADJ-SFC NoSubs
15 2 4 35 24 -11.2 0.137 -9.000 -9.000 -999. 122. 20.6 0.0180 0.83 1.00 2.36 288.0 10.0 287.5 2.0 0
0.00 77. 1013. 10 ADJ-SFC NoSubs
15 2 5 36 1 -16.6 0.168 -9.000 -9.000 -999. 166. 31.2 0.0180 0.83 1.00 2.86 266.0 10.0 287.0 2.0 0
0.00 83. 1013. 10 ADJ-SFC NoSubs
15 2 5 36 2 -8.3 0.117 -9.000 -9.000 -999. 96. 17.4 0.0180 0.83 1.00 2.04 270.0 10.0 287.0 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
15 2 5 36 3 -4.5 0.087 -9.000 -9.000 -999. 61. 12.9 0.0230 0.83 1.00 1.47 303.0 10.0 286.4 2.0 0
0.00 83. 1012. 5 ADJ-A1 NoSubs
15 2 5 36 4 -5.8 0.097 -9.000 -9.000 -999. 73. 14.3 0.0180 0.83 1.00 1.72 289.0 10.0 286.4 2.0 0
0.00 83. 1012. 5 ADJ-A1 NoSubs
15 2 5 36 5 -2.3 0.065 -9.000 -9.000 -999. 39. 10.5 0.0180 0.83 1.00 1.03 282.0 10.0 285.9 2.0 0
0.00 82. 1011. 5 ADJ-A1 NoSubs
15 2 5 36 6 -3.2 0.073 -9.000 -9.000 -999. 47. 10.9 0.0180 0.83 1.00 1.25 283.0 10.0 284.9 2.0 0
0.00 85. 1011. 3 ADJ-A1 NoSubs
15 2 5 36 7 -5.9 0.097 -9.000 -9.000 -999. 73. 14.2 0.0180 0.83 1.00 1.72 266.0 10.0 282.5 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
15 2 5 36 8 -4.1 0.086 -9.000 -9.000 -999. 60. 13.9 0.0210 0.83 0.59 1.48 233.0 10.0 284.2 2.0 0
0.00 89. 1012. 7 ADJ-A1 NoSubs
15 2 5 36 9 2.2 0.105 0.117 0.007 26. 82. -48.2 0.0310 0.83 0.32 1.40 177.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
15 2 5 36 10 69.0 0.150 0.866 0.011 340. 139. -4.4 0.0230 0.83 0.23 1.70 320.0 10.0 288.1 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
15 2 5 36 11 106.3 0.183 1.176 0.013 552. 188. -5.2 0.0180 0.83 0.20 2.23 266.0 10.0 288.8 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
15 2 5 36 12 128.3 0.179 1.271 0.011 577. 181. -4.0 0.0180 0.83 0.19 2.11 250.0 10.0 289.2 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
15 2 5 36 13 134.2 0.241 1.309 0.010 603. 284. -9.4 0.0210 0.83 0.19 3.03 222.0 10.0 289.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
15 2 5 36 14 123.3 0.360 1.288 0.008 624. 518. -34.0 0.0180 0.83 0.19 5.16 245.0 10.0 288.8 2.0 0
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15 2 6 37 12 31.8 0.268 0.712 0.005 407. 333. -54.4 0.0310 0.83 0.19 3.58 160.0 10.0 292.0 2.0 0
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15 2 6 37 13 33.3 0.397 0.738 0.005 434. 600. -169.0 0.0310 0.83 0.19 5.55 152.0 10.0 292.0 2.0 0
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2.00 89. 1010. 10 ADJ-A1 NoSubs
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1.30 90. 1010. 10 ADJ-A1 NoSubs
15 2 7 38 6 -24.1 0.247 -9.000 -9.000 -999. 295. 66.9 0.0170 0.83 1.00 4.15 206.0 10.0 289.9 2.0 11
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0.30 999. 1012. 10 ADJ-A1 NoSubs
15 2 7 38 10 16.7 0.238 0.439 0.005 182. 279. -72.8 0.0280 0.83 0.23 3.29 132.0 10.0 290.4 2.0 0
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0.80 96. 1013. 10 ADJ-A1 NoSubs
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0.30 999. 1012. 10 ADJ-A1 NoSubs
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0.00 999. 1012. 10 ADJ-A1 NoSubs
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0.80 80. 1010. 10 ADJ-A1 NoSubs
15 2 8 39 10 17.5 0.208 0.410 0.005 141. 229. -46.4 0.0240 0.83 0.22 2.89 33.0 10.0 291.4 2.0 11
2.00 80. 1009. 10 ADJ-A1 NoSubs
15 2 8 39 11 27.0 0.354 0.577 0.009 255. 505. -147.8 0.0280 0.83 0.20 5.02 124.0 10.0 292.0 2.0 11
3.00 80. 1009. 10 ADJ-A1 NoSubs
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15 2 8 39 13 33.1 0.284 0.726 0.007 416. 362. -62.0 0.0170 0.83 0.18 4.24 208.0 10.0 289.9 2.0 11
5.10 89. 1009. 10 ADJ-A1 NoSubs
15 2 8 39 14 30.7 0.517 0.739 0.008 473. 892. -405.3 0.0170 0.83 0.19 8.13 199.0 10.0 290.4 2.0 11
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0.30 83. 1009. 10 ADJ-A1 NoSubs
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15 2 9 40 12 139.1 0.246 1.611 0.005 1094. 292. -9.7 0.0310 0.83 0.19 2.86 176.0 10.0 292.0 2.0 0
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15 2 9 40 13 140.2 0.285 1.725 0.005 1333. 365. -15.0 0.0170 0.83 0.18 3.90 207.0 10.0 291.4 2.0 0
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15 2 9 40 14 129.9 0.268 1.759 0.005 1523. 333. -13.5 0.0170 0.83 0.19 3.63 208.0 10.0 292.0 2.0 0
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15 2 9 40 16 61.5 0.285 1.428 0.006 1721. 365. -34.1 0.0210 0.83 0.24 3.98 239.0 10.0 290.4 2.0 0
0.00 77. 1017. 0 ADJ-A1 NoSubs
15 2 9 40 17 9.3 0.246 0.764 0.006 1731. 293. -144.3 0.0210 0.83 0.35 3.66 234.0 10.0 289.9 2.0 0
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15 2 9 40 23 -10.4 0.132 -9.000 -9.000 -999. 115. 20.1 0.0230 0.83 1.00 2.20 320.0 10.0 285.4 2.0 0
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15 2 10 41 3 -7.9 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.83 1.00 1.93 310.0 10.0 283.8 2.0 0
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15 2 10 41 10 75.3 0.263 0.848 0.007 293. 323. -21.8 0.0240 0.83 0.22 3.47 49.0 10.0 288.1 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
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0.00 59. 1016. 0 ADJ-A1 NoSubs
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15 2 10 41 13 142.3 0.203 1.400 0.005 698. 219. -5.3 0.0200 0.83 0.18 2.42 74.0 10.0 293.1 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
15 2 10 41 14 132.1 0.273 1.584 0.010 1089. 342. -13.9 0.0200 0.83 0.19 3.59 60.0 10.0 293.8 2.0 0
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15 2 10 41 15 105.6 0.223 1.492 0.009 1137. 254. -9.5 0.0200 0.83 0.20 2.84 60.0 10.0 293.8 2.0 0
0.00 50. 1013. 0 ADJ-A1 NoSubs
15 2 10 41 16 64.4 0.225 1.276 0.009 1166. 256. -15.9 0.0200 0.83 0.24 3.00 66.0 10.0 294.2 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
15 2 10 41 17 11.4 0.266 0.716 0.009 1168. 330. -150.0 0.0240 0.83 0.35 3.88 56.0 10.0 292.0 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
15 2 10 41 18 -12.4 0.147 -9.000 -9.000 -999. 143. 23.8 0.0280 0.83 0.70 2.35 121.0 10.0 288.8 2.0 0
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15 2 10 41 19 -3.3 0.074 -9.000 -9.000 -999. 51. 11.1 0.0180 0.83 1.00 1.28 261.0 10.0 287.5 2.0 0
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15 2 10 41 20 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0230 0.83 1.00 1.67 322.0 10.0 286.4 2.0 0
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15 2 10 41 21 -4.7 0.088 -9.000 -9.000 -999. 63. 13.1 0.0230 0.83 1.00 1.50 319.0 10.0 284.2 2.0 0
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15 2 10 41 22 -15.0 0.160 -9.000 -9.000 -999. 153. 28.1 0.0230 0.83 1.00 2.62 316.0 10.0 284.2 2.0 0
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15 2 10 41 23 -12.0 0.142 -9.000 -9.000 -999. 128. 22.2 0.0230 0.83 1.00 2.35 300.0 10.0 283.8 2.0 0
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15 2 10 41 24 -12.5 0.146 -9.000 -9.000 -999. 134. 23.5 0.0270 0.83 1.00 2.35 355.0 10.0 282.5 2.0 0
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15 2 11 42 1 -3.6 0.078 -9.000 -9.000 -999. 53. 11.7 0.0230 0.83 1.00 1.30 302.0 10.0 282.0 2.0 0
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15 2 11 42 2 -7.8 0.113 -9.000 -9.000 -999. 92. 16.9 0.0230 0.83 1.00 1.91 320.0 10.0 280.9 2.0 0
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15 2 11 42 3 -9.9 0.127 -9.000 -9.000 -999. 109. 18.8 0.0180 0.83 1.00 2.21 297.0 10.0 280.9 2.0 0
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15 2 11 42 8 -1.9 0.062 -9.000 -9.000 -999. 37. 11.2 0.0270 0.83 0.55 0.94 339.0 10.0 281.4 2.0 0
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15 2 11 42 9 25.7 0.104 0.441 0.013 120. 81. -4.0 0.0180 0.83 0.30 1.23 294.0 10.0 285.4 2.0 0
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15 2 11 42 10 77.2 0.145 0.800 0.013 240. 133. -3.6 0.0200 0.83 0.22 1.65 71.0 10.0 289.9 2.0 0
0.00 57. 1015. 0 ADJ-A1 NoSubs
15 2 11 42 11 115.4 0.219 0.979 0.010 294. 246. -8.3 0.0230 0.83 0.19 2.67 100.0 10.0 292.0 2.0 0
0.00 49. 1014. 0 ADJ-A1 NoSubs
15 2 11 42 12 138.3 0.225 1.196 0.010 448. 256. -7.4 0.0230 0.83 0.18 2.71 102.0 10.0 294.2 2.0 0
0.00 45. 1014. 0 ADJ-A1 NoSubs
15 2 11 42 13 145.2 0.237 1.354 0.012 619. 277. -8.3 0.0230 0.83 0.18 2.89 102.0 10.0 296.4 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
15 2 11 42 14 134.7 0.320 1.368 0.011 688. 434. -21.9 0.0200 0.83 0.19 4.37 72.0 10.0 296.4 2.0 0

0.00 44. 1013. 0 ADJ-A1 NoSubs
15 2 11 42 15 108.6 0.283 1.297 0.010 727. 362. -18.9 0.0230 0.83 0.20 3.73 95.0 10.0 297.0 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
15 2 11 42 16 67.7 0.243 1.129 0.010 769. 288. -19.1 0.0200 0.83 0.24 3.29 65.0 10.0 298.1 2.0 0
0.00 34. 1013. 0 ADJ-A1 NoSubs
15 2 11 42 17 14.0 0.204 0.670 0.010 774. 221. -54.7 0.0200 0.83 0.34 2.95 75.0 10.0 295.4 2.0 0
0.00 42. 1013. 0 ADJ-A1 NoSubs
15 2 11 42 18 -16.8 0.177 -9.000 -9.000 -999. 179. 34.6 0.0200 0.83 0.69 2.95 67.0 10.0 293.1 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
15 2 11 42 19 -8.8 0.122 -9.000 -9.000 -999. 103. 18.7 0.0240 0.83 1.00 2.03 46.0 10.0 290.9 2.0 0
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15 2 11 42 20 -4.9 0.091 -9.000 -9.000 -999. 65. 13.6 0.0230 0.83 1.00 1.54 310.0 10.0 289.2 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
15 2 11 42 21 -2.9 0.072 -9.000 -9.000 -999. 46. 11.4 0.0270 0.83 1.00 1.13 360.0 10.0 288.8 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
15 2 11 42 22 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.83 1.00 1.30 24.0 10.0 288.1 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
15 2 11 42 23 -2.6 0.069 -9.000 -9.000 -999. 43. 11.2 0.0270 0.83 1.00 1.06 357.0 10.0 287.0 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
15 2 11 42 24 -2.0 0.062 -9.000 -9.000 -999. 37. 11.1 0.0230 0.83 1.00 0.89 19.0 10.0 286.4 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
15 2 12 43 1 -3.3 0.074 -9.000 -9.000 -999. 48. 11.1 0.0180 0.83 1.00 1.28 288.0 10.0 285.4 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
15 2 12 43 2 -3.0 0.071 -9.000 -9.000 -999. 45. 10.7 0.0180 0.83 1.00 1.20 257.0 10.0 284.2 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
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0.00 79. 1014. 0 ADJ-A1 NoSubs
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15 2 12 43 5 -2.4 0.066 -9.000 -9.000 -999. 41. 10.9 0.0230 0.83 1.00 1.01 18.0 10.0 283.1 2.0 0
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15 2 12 43 9 28.0 0.128 0.405 0.012 86. 110. -6.8 0.0230 0.83 0.30 1.53 25.0 10.0 288.8 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
15 2 12 43 10 79.1 0.137 0.810 0.014 243. 122. -3.0 0.0240 0.83 0.22 1.46 53.0 10.0 291.4 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
15 2 12 43 11 118.0 0.237 1.106 0.014 416. 277. -10.2 0.0200 0.83 0.19 3.03 77.0 10.0 294.9 2.0 0
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15 2 12 43 12 141.3 0.259 1.295 0.014 557. 317. -11.2 0.0200 0.83 0.18 3.35 80.0 10.0 297.5 2.0 0
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15 2 12 43 13 148.1 0.245 1.345 0.012 594. 292. -9.0 0.0200 0.83 0.18 3.10 85.0 10.0 299.2 2.0 0
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0.00 28. 1014. 0 ADJ-A1 NoSubs
15 2 12 43 15 110.9 0.259 1.259 0.009 652. 316. -14.2 0.0170 0.83 0.20 3.52 196.0 10.0 298.8 2.0 0
0.00 39. 1014. 0 ADJ-A1 NoSubs
15 2 12 43 16 68.8 0.266 1.085 0.008 672. 329. -24.8 0.0180 0.83 0.23 3.74 241.0 10.0 297.5 2.0 0
0.00 30. 1014. 0 ADJ-A1 NoSubs
15 2 12 43 17 16.3 0.128 0.674 0.008 678. 124. -11.7 0.0180 0.83 0.34 1.70 244.0 10.0 297.5 2.0 0

0.00 24. 1014. 0 ADJ-A1 NoSubs
15 2 12 43 18 -12.7 0.150 -9.000 -9.000 -999. 140. 24.8 0.0310 0.83 0.68 2.35 179.0 10.0 290.4 2.0 0
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15 2 12 43 19 -4.4 0.085 -9.000 -9.000 -999. 60. 12.5 0.0180 0.83 1.00 1.50 269.0 10.0 289.9 2.0 0
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15 2 12 43 20 -5.5 0.095 -9.000 -9.000 -999. 71. 14.3 0.0230 0.83 1.00 1.62 317.0 10.0 288.8 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
15 2 12 43 21 -10.7 0.134 -9.000 -9.000 -999. 118. 20.6 0.0230 0.83 1.00 2.23 314.0 10.0 288.1 2.0 0
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15 2 12 43 22 -8.9 0.122 -9.000 -9.000 -999. 102. 18.5 0.0230 0.83 1.00 2.04 320.0 10.0 287.0 2.0 0
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15 2 12 43 23 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0230 0.83 1.00 1.65 315.0 10.0 286.4 2.0 0
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15 2 12 43 24 -9.1 0.123 -9.000 -9.000 -999. 104. 18.6 0.0230 0.83 1.00 2.06 313.0 10.0 285.9 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
15 2 13 44 1 -3.8 0.079 -9.000 -9.000 -999. 53. 11.6 0.0180 0.83 1.00 1.38 296.0 10.0 285.4 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
15 2 13 44 2 -5.1 0.092 -9.000 -9.000 -999. 67. 13.8 0.0270 0.83 1.00 1.52 342.0 10.0 285.4 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
15 2 13 44 3 -6.6 0.106 -9.000 -9.000 -999. 82. 16.0 0.0270 0.83 1.00 1.74 360.0 10.0 285.9 2.0 0
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15 2 13 44 4 -4.0 0.082 -9.000 -9.000 -999. 56. 12.3 0.0240 0.83 1.00 1.37 38.0 10.0 285.9 2.0 0
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15 2 13 44 5 -4.1 0.083 -9.000 -9.000 -999. 57. 12.4 0.0230 0.83 1.00 1.40 90.0 10.0 285.4 2.0 0
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15 2 13 44 6 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 322.0 10.0 283.1 2.0 0
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15 2 13 44 7 -4.3 0.083 -9.000 -9.000 -999. 58. 12.2 0.0180 0.83 1.00 1.47 292.0 10.0 283.1 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
15 2 13 44 8 -2.0 0.062 -9.000 -9.000 -999. 37. 10.8 0.0170 0.83 0.53 1.08 180.0 10.0 286.4 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
15 2 13 44 9 29.2 0.132 0.377 0.014 66. 116. -7.2 0.0210 0.83 0.29 1.62 231.0 10.0 288.8 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
15 2 13 44 10 80.5 0.178 0.681 0.011 142. 181. -6.4 0.0170 0.83 0.22 2.25 201.0 10.0 291.4 2.0 0
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15 2 13 44 11 119.4 0.137 1.015 0.012 317. 121. -1.9 0.0310 0.83 0.19 1.28 162.0 10.0 294.9 2.0 0
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15 2 13 44 12 142.2 0.161 1.189 0.010 428. 155. -2.7 0.0200 0.83 0.18 1.76 77.0 10.0 296.4 2.0 0
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15 2 13 44 13 149.2 0.219 1.310 0.008 545. 246. -6.4 0.0200 0.83 0.18 2.67 71.0 10.0 298.8 2.0 0
0.00 31. 1013. 0 ADJ-A1 NoSubs
15 2 13 44 14 139.4 0.236 1.371 0.007 668. 275. -8.5 0.0230 0.83 0.19 2.88 95.0 10.0 299.9 2.0 0
0.00 28. 1012. 0 ADJ-A1 NoSubs
15 2 13 44 15 113.5 0.162 1.313 0.006 721. 158. -3.4 0.0230 0.83 0.20 1.77 92.0 10.0 300.9 2.0 0
0.00 24. 1012. 0 ADJ-A1 NoSubs
15 2 13 44 16 70.4 0.142 1.134 0.005 748. 129. -3.7 0.0310 0.83 0.23 1.47 171.0 10.0 298.1 2.0 0
0.00 44. 1011. 0 ADJ-A1 NoSubs
15 2 13 44 17 16.7 0.189 0.703 0.005 752. 198. -36.7 0.0180 0.83 0.34 2.73 243.0 10.0 295.9 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
15 2 13 44 18 -7.9 0.116 -9.000 -9.000 -999. 96. 17.8 0.0180 0.83 0.67 2.02 272.0 10.0 295.4 2.0 0
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15 2 13 44 19 -10.7 0.136 -9.000 -9.000 -999. 120. 21.0 0.0230 0.83 1.00 2.25 319.0 10.0 292.5 2.0 0
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15 2 13 44 20 -5.3 0.093 -9.000 -9.000 -999. 68. 13.6 0.0180 0.83 1.00 1.64 268.0 10.0 288.1 2.0 0

0.00 68. 1012. 0 ADJ-A1 NoSubs
15 2 13 44 21 -4.4 0.085 -9.000 -9.000 -999. 59. 12.5 0.0180 0.83 1.00 1.50 275.0 10.0 288.8 2.0 0
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15 2 13 44 22 -8.3 0.119 -9.000 -9.000 -999. 98. 18.2 0.0270 0.83 1.00 1.94 344.0 10.0 287.5 2.0 0
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15 2 13 44 23 -8.8 0.122 -9.000 -9.000 -999. 102. 18.5 0.0230 0.83 1.00 2.04 323.0 10.0 287.0 2.0 0
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15 2 14 45 1 -5.7 0.098 -9.000 -9.000 -999. 74. 14.8 0.0270 0.83 1.00 1.62 344.0 10.0 285.9 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
15 2 14 45 2 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0230 0.83 1.00 1.65 322.0 10.0 285.4 2.0 0
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15 2 14 45 3 -15.2 0.161 -9.000 -9.000 -999. 155. 28.5 0.0230 0.83 1.00 2.64 308.0 10.0 284.9 2.0 0
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15 2 14 45 4 -4.3 0.084 -9.000 -9.000 -999. 61. 12.6 0.0230 0.83 1.00 1.43 328.0 10.0 284.2 2.0 0
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15 2 14 45 5 -9.9 0.129 -9.000 -9.000 -999. 111. 19.5 0.0230 0.83 1.00 2.15 313.0 10.0 284.2 2.0 0
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15 2 14 45 6 -12.7 0.147 -9.000 -9.000 -999. 135. 23.6 0.0230 0.83 1.00 2.42 315.0 10.0 283.8 2.0 0
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15 2 14 45 8 -5.7 0.104 -9.000 -9.000 -999. 80. 17.8 0.0180 0.83 0.52 1.81 292.0 10.0 284.9 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
15 2 14 45 9 30.5 0.131 0.434 0.012 97. 114. -6.7 0.0280 0.83 0.29 1.50 133.0 10.0 288.8 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
15 2 14 45 10 82.1 0.197 0.721 0.008 165. 210. -8.4 0.0200 0.83 0.22 2.47 81.0 10.0 292.0 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
15 2 14 45 11 121.8 0.219 1.047 0.011 340. 247. -7.8 0.0230 0.83 0.19 2.66 91.0 10.0 297.0 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
15 2 14 45 12 144.8 0.228 1.243 0.011 479. 261. -7.3 0.0230 0.83 0.18 2.74 96.0 10.0 298.8 2.0 0
0.00 32. 1012. 0 ADJ-A1 Sub_CC
15 2 14 45 13 151.3 0.231 1.442 0.010 716. 266. -7.3 0.0230 0.83 0.18 2.78 114.0 10.0 299.9 2.0 0
0.00 28. 1011. 0 ADJ-A1 NoSubs
15 2 14 45 14 141.1 0.250 1.444 0.009 770. 299. -9.9 0.0230 0.83 0.18 3.10 117.0 10.0 300.4 2.0 0
0.00 27. 1011. 0 ADJ-A1 NoSubs
15 2 14 45 15 113.6 0.226 1.360 0.008 799. 258. -9.1 0.0170 0.83 0.20 2.95 183.0 10.0 298.8 2.0 0
0.00 38. 1010. 0 ADJ-A1 NoSubs
15 2 14 45 16 71.2 0.239 1.171 0.007 812. 280. -17.3 0.0210 0.83 0.23 3.18 221.0 10.0 297.0 2.0 0
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0.00 77. 1011. 0 ADJ-A1 NoSubs
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0.00 75. 1010. 0 ADJ-A1 NoSubs
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15 2 18 49 17 19.9 0.202 0.777 0.021 850. 218. -37.1 0.0210 0.83 0.32 2.83 219.0 10.0 289.2 2.0 0
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15 2 19 50 6 -4.5 0.087 -9.000 -9.000 -999. 61. 12.9 0.0230 0.83 1.00 1.47 310.0 10.0 284.9 2.0 0
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0.00 83. 1015. 10 ADJ-A1 NoSubs
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0.00 60. 1009. 0 ADJ-A1 NoSubs
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15 2 20 51 16 78.0 0.182 1.142 0.013 686. 187. -7.0 0.0210 0.83 0.22 2.22 230.0 10.0 294.2 2.0 0
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15 2 20 51 17 23.6 0.186 0.769 0.013 690. 193. -24.7 0.0210 0.83 0.31 2.55 215.0 10.0 292.5 2.0 0
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0.00 92. 1009. 10 ADJ-A1 NoSubs
15 2 20 51 22 -3.0 0.071 -9.000 -9.000 -999. 46. 11.0 0.0210 0.83 1.00 1.18 223.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
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15 2 21 52 9 39.0 0.120 0.548 0.012 152. 100. -4.0 0.0230 0.83 0.27 1.35 107.0 10.0 284.9 2.0 0
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0.00 77. 1009. 0 ADJ-A1 NoSubs
15 2 21 52 12 124.6 0.305 1.183 0.005 478. 404. -20.5 0.0170 0.83 0.18 4.27 196.0 10.0 287.0 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
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0.00 80. 1008. 7 ADJ-A1 NoSubs
15 2 21 52 14 34.7 0.229 0.853 0.006 642. 264. -31.2 0.0180 0.83 0.18 3.27 255.0 10.0 288.8 2.0 0
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0.00 79. 1007. 10 ADJ-A1 NoSubs
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0.00 77. 1005. 10 ADJ-SFC NoSubs
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0.00 80. 1004. 10 ADJ-SFC NoSubs
15 2 22 53 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 284.9 2.0 0
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15 2 22 53 10 93.1 0.265 1.174 0.006 624. 326. -17.8 0.0270 0.83 0.21 3.36 357.0 10.0 290.4 2.0 0
0.00 29. 1005. 0 ADJ-SFC NoSubs
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0.00 45. 1004. 0 ADJ-A1 NoSubs
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15 2 23 54 9 41.3 0.106 0.870 0.005 574. 83. -2.6 0.0170 0.83 0.27 1.20 193.0 10.0 282.5 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
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0.00 48. 1011. 0 ADJ-A1 NoSubs
15 2 23 54 11 131.1 0.167 1.666 0.005 1273. 163. -3.2 0.0170 0.83 0.19 1.93 193.0 10.0 287.5 2.0 0
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15 2 23 54 12 153.6 0.170 1.841 0.005 1467. 168. -2.9 0.0310 0.83 0.18 1.70 176.0 10.0 289.2 2.0 0
0.00 33. 1011. 0 ADJ-A1 NoSubs
15 2 23 54 13 159.5 0.165 1.921 0.005 1606. 161. -2.6 0.0230 0.83 0.18 1.74 94.0 10.0 289.9 2.0 0
0.00 28. 1011. 0 ADJ-A1 NoSubs
15 2 23 54 14 147.4 0.191 1.907 0.005 1701. 200. -4.3 0.0280 0.83 0.18 2.06 143.0 10.0 290.9 2.0 0
0.00 36. 1011. 5 ADJ-A1 NoSubs
15 2 23 54 15 29.9 0.278 1.125 0.005 1720. 352. -65.0 0.0240 0.83 0.19 3.93 36.0 10.0 292.0 2.0 0
0.00 32. 1012. 10 ADJ-A1 NoSubs
15 2 23 54 16 80.8 0.269 1.580 0.006 1765. 336. -21.8 0.0240 0.83 0.22 3.56 38.0 10.0 291.4 2.0 0
0.00 36. 1012. 0 ADJ-A1 NoSubs
15 2 23 54 17 33.3 0.244 1.179 0.007 1781. 289. -39.2 0.0240 0.83 0.30 3.35 46.0 10.0 290.4 2.0 0
0.00 44. 1013. 5 ADJ-A1 NoSubs
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15 2 28 59 8 0.7 0.128 0.051 0.005 7. 110. -267.5 0.0230 0.83 0.42 1.91 313.0 10.0 282.0 2.0 0
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15 2 28 59 9 46.7 0.112 0.966 0.005 691. 90. -2.7 0.0240 0.83 0.25 1.18 49.0 10.0 285.4 2.0 0
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15 2 28 59 10 106.1 0.202 1.380 0.005 888. 218. -7.0 0.0310 0.83 0.20 2.27 160.0 10.0 287.0 2.0 0
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15 2 28 59 11 32.6 0.270 0.950 0.005 940. 337. -54.1 0.0310 0.83 0.18 3.61 151.0 10.0 287.5 2.0 11

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15 2 28 59 12 37.9 0.379 1.014 0.005 986. 559. -128.3 0.0170 0.83 0.18 5.82 186.0 10.0 287.0 2.0 11
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15 2 28 59 13 39.1 0.383 1.031 0.005 1004. 569. -128.9 0.0170 0.83 0.18 5.89 199.0 10.0 286.4 2.0 11
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15 2 28 59 17 4.6 0.211 0.512 0.005 1042. 233. -182.4 0.0270 0.83 0.29 3.03 348.0 10.0 283.1 2.0 11
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15 3 1 60 11 101.9 0.118 1.396 0.005 963. 97. -1.4 0.0300 0.48 0.17 1.06 3.0 10.0 288.1 2.0 0
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15 3 1 60 12 117.9 0.127 1.514 0.005 1060. 109. -1.6 0.0340 0.48 0.17 1.13 140.0 10.0 289.2 2.0 0
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0.00 57. 1008. 3 ADJ-A1 NoSubs
15 3 1 60 15 94.7 0.356 1.578 0.005 1493. 509. -42.7 0.0280 0.48 0.18 4.78 252.0 10.0 290.4 2.0 0
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15 3 1 60 16 63.9 0.392 1.406 0.005 1565. 589. -84.7 0.0280 0.48 0.20 5.45 247.0 10.0 289.2 2.0 0
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15 3 1 60 17 24.3 0.342 1.024 0.005 1591. 482. -148.0 0.0280 0.48 0.28 4.85 245.0 10.0 288.8 2.0 0
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15 3 1 60 18 -18.4 0.249 -9.000 -9.000 -999. 303. 75.7 0.0280 0.48 0.52 3.85 242.0 10.0 286.4 2.0 0
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15 3 1 60 19 -4.3 0.086 -9.000 -9.000 -999. 92. 13.4 0.0360 0.48 1.00 1.35 354.0 10.0 287.5 2.0 0
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15 3 1 60 23 -12.1 0.145 -9.000 -9.000 -999. 132. 23.1 0.0310 0.48 1.00 2.28 318.0 10.0 282.6 2.0 9999
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0.50 71. 1005. 7 ADJ-A1 NoSubs
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0.00 66. 1005. 5 ADJ-A1 NoSubs
15 3 2 61 16 64.4 0.311 1.090 0.005 721. 418. -42.0 0.0340 0.48 0.20 4.03 217.0 10.0 287.5 2.0 0
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15 3 3 62 15 96.3 0.346 1.448 0.005 1135. 489. -38.9 0.0340 0.48 0.18 4.46 235.0 10.0 289.2 2.0 0
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15 3 3 62 16 65.9 0.313 1.315 0.005 1241. 421. -41.9 0.0340 0.48 0.20 4.05 229.0 10.0 289.9 2.0 0
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15 3 3 62 17 26.1 0.219 0.969 0.005 1254. 250. -36.2 0.0340 0.48 0.27 2.81 222.0 10.0 289.2 2.0 0
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15 3 3 62 18 -2.2 0.067 -9.000 -9.000 -999. 72. 12.1 0.0230 0.48 0.50 1.13 188.0 10.0 288.8 2.0 0
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15 3 4 63 5 -8.3 0.118 -9.000 -9.000 -999. 98. 18.0 0.0310 0.48 1.00 1.89 306.0 10.0 279.9 2.0 0
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0.00 83. 1014. 0 ADJ-A1 NoSubs
15 3 4 63 9 41.0 0.132 0.615 0.010 205. 115. -5.1 0.0360 0.48 0.23 1.38 335.0 10.0 285.9 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
15 3 4 63 10 78.4 0.143 0.927 0.008 367. 130. -3.4 0.0340 0.48 0.19 1.43 126.0 10.0 288.1 2.0 0
0.00 63. 1015. 0 ADJ-A1 NoSubs
15 3 4 63 11 106.0 0.140 1.081 0.006 431. 126. -2.4 0.0300 0.48 0.17 1.37 118.0 10.0 290.9 2.0 0
0.00 53. 1015. 0 ADJ-A1 NoSubs
15 3 4 63 12 122.0 0.142 1.198 0.005 510. 128. -2.1 0.0270 0.48 0.17 1.40 87.0 10.0 292.5 2.0 0
0.00 32. 1015. 0 ADJ-A1 NoSubs
15 3 4 63 13 125.8 0.219 1.274 0.005 595. 245. -7.5 0.0230 0.48 0.17 2.64 207.0 10.0 292.5 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
15 3 4 63 14 117.8 0.336 1.397 0.005 837. 467. -29.1 0.0340 0.48 0.17 4.24 236.0 10.0 292.5 2.0 0
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15 3 4 63 15 98.0 0.345 1.403 0.005 1020. 487. -38.0 0.0340 0.48 0.18 4.44 234.0 10.0 292.0 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
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0.00 35. 1018. 0 ADJ-A1 NoSubs
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15 3 6 65 6 -2.5 0.068 -9.000 -9.000 -999. 42. 11.2 0.0280 0.48 1.00 1.01 254.0 10.0 279.9 2.0 0
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15 3 6 65 11 109.0 0.379 0.981 0.009 314. 560. -45.3 0.0270 0.48 0.17 5.14 77.0 10.0 293.8 2.0 0
0.00 40. 1018. 0 ADJ-A1 NoSubs
15 3 6 65 12 125.2 0.319 1.305 0.009 645. 434. -23.4 0.0270 0.48 0.17 4.14 67.0 10.0 295.9 2.0 0
0.00 33. 1018. 0 ADJ-A1 NoSubs
15 3 6 65 13 129.4 0.242 1.358 0.008 702. 289. -9.9 0.0270 0.48 0.17 2.91 88.0 10.0 297.0 2.0 0
0.00 31. 1017. 0 ADJ-A1 NoSubs
15 3 6 65 14 121.5 0.249 1.360 0.008 752. 298. -11.5 0.0340 0.48 0.17 2.89 122.0 10.0 297.5 2.0 0
0.00 35. 1016. 0 ADJ-A1 NoSubs
15 3 6 65 15 101.8 0.233 1.305 0.007 791. 270. -11.3 0.0230 0.48 0.17 2.93 198.0 10.0 297.5 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
15 3 6 65 16 69.9 0.312 1.162 0.007 813. 418. -39.3 0.0280 0.48 0.20 4.17 245.0 10.0 294.2 2.0 0
0.00 41. 1015. 0 ADJ-A1 NoSubs
15 3 6 65 17 30.1 0.205 0.882 0.007 824. 229. -26.0 0.0280 0.48 0.26 2.67 244.0 10.0 294.2 2.0 0
0.00 48. 1015. 0 ADJ-A1 NoSubs
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0.00 64. 1014. 0 ADJ-A1 NoSubs
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0.00 71. 1015. 0 ADJ-A1 NoSubs
15 3 6 65 20 -5.8 0.099 -9.000 -9.000 -999. 74. 14.9 0.0280 0.48 1.00 1.62 249.0 10.0 285.4 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
15 3 6 65 21 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0280 0.48 1.00 1.57 244.0 10.0 286.4 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
15 3 6 65 22 -9.2 0.125 -9.000 -9.000 -999. 106. 19.3 0.0310 0.48 1.00 1.99 310.0 10.0 284.9 2.0 0
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0.00 65. 1015. 0 ADJ-A1 NoSubs
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0.00 70. 1014. 0 ADJ-A1 NoSubs
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15 3 7 66 10 82.4 0.150 0.807 0.018 230. 140. -3.7 0.0340 0.48 0.18 1.52 140.0 10.0 290.4 2.0 0
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15 3 7 66 11 109.9 0.127 0.982 0.016 311. 108. -1.7 0.0370 0.48 0.17 1.11 158.0 10.0 293.1 2.0 0
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15 3 7 66 12 126.7 0.117 1.122 0.013 403. 96. -1.1 0.0230 0.48 0.17 1.08 181.0 10.0 297.0 2.0 0
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15 3 7 66 13 130.4 0.236 1.216 0.011 498. 276. -9.1 0.0230 0.48 0.17 2.91 197.0 10.0 297.0 2.0 0
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15 3 7 66 14 122.7 0.257 1.215 0.009 528. 313. -12.5 0.0230 0.48 0.17 3.27 192.0 10.0 298.1 2.0 0
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15 3 7 66 15 102.9 0.248 1.163 0.007 551. 297. -13.4 0.0280 0.48 0.17 3.05 240.0 10.0 298.1 2.0 0
0.00 29. 1011. 0 ADJ-A1 NoSubs
15 3 7 66 16 71.8 0.270 1.041 0.006 566. 337. -24.7 0.0340 0.48 0.20 3.37 239.0 10.0 297.0 2.0 0
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15 3 7 66 17 30.9 0.264 0.789 0.006 571. 326. -53.8 0.0340 0.48 0.26 3.47 238.0 10.0 294.2 2.0 0
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15 3 8 67 15 101.8 0.301 1.085 0.011 453. 397. -24.2 0.0340 0.48 0.17 3.75 215.0 10.0 292.0 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
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15 3 8 67 18 -6.4 0.121 -9.000 -9.000 -999. 105. 24.7 0.0230 0.48 0.47 1.98 184.0 10.0 289.2 2.0 0
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15 3 8 67 19 -8.6 0.122 -9.000 -9.000 -999. 102. 19.0 0.0340 0.48 1.00 1.91 138.0 10.0 287.5 2.0 0
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15 3 9 68 4 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0300 0.48 1.00 1.43 37.0 10.0 284.2 2.0 0
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15 3 9 68 5 -8.7 0.122 -9.000 -9.000 -999. 102. 18.7 0.0310 0.48 1.00 1.94 318.0 10.0 283.8 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
15 3 9 68 6 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0310 0.48 1.00 1.54 323.0 10.0 283.8 2.0 0
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15 3 9 68 7 -3.8 0.081 -9.000 -9.000 -999. 56. 12.7 0.0360 0.48 1.00 1.26 346.0 10.0 283.8 2.0 0
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15 3 9 68 8 -1.7 0.091 -9.000 -9.000 -999. 66. 40.6 0.0360 0.48 0.35 1.37 354.0 10.0 283.8 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 3 9 68 9 9.7 0.095 0.441 0.029 319. 71. -8.0 0.0310 0.48 0.22 1.09 322.0 10.0 284.2 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 3 9 68 10 87.3 0.125 1.063 0.029 497. 106. -2.0 0.0280 0.48 0.18 1.21 247.0 10.0 287.0 2.0 0
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15 3 9 68 11 111.4 0.133 1.163 0.027 510. 116. -1.9 0.0340 0.48 0.17 1.21 127.0 10.0 290.4 2.0 0

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15 3 9 68 12 126.0 0.404 1.223 0.015 525. 616. -47.1 0.0340 0.48 0.17 5.26 233.0 10.0 287.5 2.0 0
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15 3 10 69 12 129.3 0.173 1.149 0.023 422. 173. -3.6 0.0370 0.48 0.17 1.71 156.0 10.0 295.4 2.0 0
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15 3 11 70 15 104.7 0.300 1.238 0.007 656. 395. -23.4 0.0340 0.48 0.17 3.73 236.0 10.0 292.5 2.0 0
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15 3 11 70 16 73.4 0.347 1.107 0.006 670. 490. -51.5 0.0340 0.48 0.19 4.54 231.0 10.0 290.9 2.0 0
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15 3 12 71 11 115.5 0.145 1.139 0.009 465. 132. -2.4 0.0340 0.48 0.17 1.37 120.0 10.0 293.1 2.0 0
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15 3 12 71 13 134.6 0.243 1.340 0.007 649. 288. -9.7 0.0230 0.48 0.16 3.01 202.0 10.0 294.9 2.0 0
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15 3 13 72 9 53.0 0.194 0.627 0.013 168. 204. -12.4 0.0270 0.48 0.22 2.38 72.0 10.0 290.9 2.0 0
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15 3 13 72 10 90.5 0.147 0.848 0.012 243. 135. -3.2 0.0300 0.48 0.18 1.50 104.0 10.0 294.2 2.0 0
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15 3 13 72 12 133.6 0.181 1.122 0.007 382. 185. -4.0 0.0270 0.48 0.16 1.96 89.0 10.0 298.8 2.0 0
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15 3 14 73 12 136.3 0.256 1.316 0.013 604. 311. -11.2 0.0300 0.48 0.16 3.05 93.0 10.0 302.5 2.0 0
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15 3 14 73 19 -7.1 0.111 -9.000 -9.000 -999. 89. 17.2 0.0280 0.48 1.00 1.81 267.0 10.0 296.4 2.0 0
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15 3 14 73 20 -10.6 0.136 -9.000 -9.000 -999. 121. 21.6 0.0310 0.48 1.00 2.15 310.0 10.0 294.2 2.0 0
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0.00 43. 1011. 0 ADJ-A1 NoSubs
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15 3 14 73 23 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0250 0.48 1.00 1.82 299.0 10.0 291.4 2.0 0
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15 3 15 74 1 -16.3 0.170 -9.000 -9.000 -999. 168. 31.8 0.0310 0.48 1.00 2.64 303.0 10.0 289.2 2.0 0
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15 3 15 74 4 -14.6 0.160 -9.000 -9.000 -999. 154. 28.2 0.0310 0.48 1.00 2.50 317.0 10.0 287.0 2.0 0
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15 3 15 74 7 -3.2 0.074 -9.000 -9.000 -999. 49. 11.6 0.0280 0.48 0.69 1.18 267.0 10.0 284.9 2.0 0
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15 3 15 74 8 11.7 0.113 0.237 0.007 41. 92. -11.3 0.0360 0.48 0.32 1.30 333.0 10.0 289.9 2.0 0
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15 3 15 74 9 56.0 0.169 0.607 0.006 144. 167. -7.8 0.0340 0.48 0.21 1.89 239.0 10.0 293.1 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
15 3 15 74 10 92.8 0.157 1.072 0.007 480. 149. -3.8 0.0340 0.48 0.18 1.59 223.0 10.0 294.2 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
15 3 15 74 11 119.3 0.215 1.243 0.006 583. 239. -7.5 0.0230 0.48 0.17 2.59 207.0 10.0 294.9 2.0 0
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15 3 15 74 12 134.8 0.170 1.365 0.005 682. 168. -3.3 0.0340 0.48 0.16 1.69 231.0 10.0 296.4 2.0 0
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15 3 15 74 13 138.3 0.239 1.467 0.005 824. 281. -8.9 0.0340 0.48 0.16 2.71 219.0 10.0 297.0 2.0 0
0.00 35. 1012. 0 ADJ-A1 NoSubs
15 3 15 74 14 128.7 0.331 1.495 0.005 940. 457. -25.5 0.0340 0.48 0.17 4.14 230.0 10.0 293.8 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
15 3 15 74 15 108.6 0.265 1.458 0.005 1031. 330. -15.6 0.0340 0.48 0.17 3.18 217.0 10.0 293.8 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
15 3 15 74 16 77.2 0.286 1.326 0.005 1089. 368. -27.4 0.0370 0.48 0.19 3.54 178.0 10.0 292.5 2.0 0
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15 3 15 74 17 36.6 0.265 1.042 0.005 1115. 327. -45.7 0.0370 0.48 0.25 3.39 176.0 10.0 291.4 2.0 0
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0.00 83. 1011. 0 ADJ-A1 NoSubs
15 3 15 74 20 -3.0 0.072 -9.000 -9.000 -999. 47. 11.3 0.0250 0.48 1.00 1.16 281.0 10.0 287.0 2.0 0
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15 3 16 75 9 55.6 0.093 0.742 0.008 265. 68. -1.3 0.0340 0.48 0.21 0.80 221.0 10.0 287.0 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
15 3 16 75 10 92.6 0.129 1.025 0.007 420. 111. -2.1 0.0300 0.48 0.18 1.23 93.0 10.0 289.2 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
15 3 16 75 11 119.2 0.142 1.179 0.006 496. 129. -2.2 0.0370 0.48 0.17 1.30 152.0 10.0 290.9 2.0 0
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15 3 16 75 12 134.9 0.151 1.328 0.006 627. 141. -2.3 0.0300 0.48 0.16 1.47 90.0 10.0 293.8 2.0 0
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15 3 16 75 13 139.0 0.143 1.477 0.007 836. 130. -1.9 0.0340 0.48 0.16 1.31 211.0 10.0 296.4 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
15 3 16 75 14 129.6 0.294 1.507 0.007 953. 382. -17.6 0.0230 0.48 0.17 3.85 208.0 10.0 293.8 2.0 0
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15 3 16 75 15 113.6 0.220 1.472 0.006 1012. 249. -8.4 0.0340 0.48 0.17 2.47 224.0 10.0 297.0 2.0 0
0.00 50. 1009. 3 ADJ-A1 NoSubs
15 3 16 75 16 78.6 0.226 1.316 0.006 1045. 257. -13.2 0.0340 0.48 0.19 2.66 230.0 10.0 294.2 2.0 0
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15 3 16 75 17 38.5 0.173 1.043 0.005 1063. 174. -12.2 0.0280 0.48 0.24 2.11 248.0 10.0 294.9 2.0 0
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15 3 16 75 18 -3.4 0.116 -9.000 -9.000 -999. 95. 40.8 0.0270 0.48 0.43 1.82 84.0 10.0 293.1 2.0 0
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15 3 17 76 8 13.7 0.140 0.402 0.009 171. 126. -18.2 0.0270 0.48 0.31 1.79 60.0 10.0 288.8 2.0 0

0.00 79. 1014. 0 ADJ-A1 NoSubs
15 3 17 76 9 57.6 0.118 0.756 0.008 271. 97. -2.6 0.0270 0.48 0.21 1.20 84.0 10.0 290.4 2.0 0
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15 3 17 76 10 94.3 0.150 0.982 0.005 363. 140. -3.3 0.0300 0.48 0.18 1.54 106.0 10.0 291.4 2.0 0
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0.00 67. 1013. 0 ADJ-A1 NoSubs
15 3 17 76 12 135.9 0.262 1.332 0.005 629. 323. -12.0 0.0230 0.48 0.16 3.32 184.0 10.0 293.8 2.0 0
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15 3 17 76 13 139.1 0.285 1.579 0.009 1023. 365. -15.0 0.0230 0.48 0.16 3.68 182.0 10.0 293.8 2.0 0
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15 3 17 76 14 130.6 0.290 1.604 0.009 1142. 374. -16.8 0.0230 0.48 0.17 3.78 186.0 10.0 294.2 2.0 0
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15 3 17 76 15 110.7 0.278 1.544 0.009 1200. 352. -17.5 0.0230 0.48 0.17 3.64 188.0 10.0 294.9 2.0 0
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15 3 17 76 16 79.4 0.217 1.397 0.009 1238. 243. -11.5 0.0230 0.48 0.19 2.73 191.0 10.0 294.2 2.0 0
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15 3 17 76 17 39.3 0.148 1.109 0.009 1253. 139. -7.5 0.0370 0.48 0.24 1.62 178.0 10.0 294.9 2.0 0
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15 3 18 77 9 58.2 0.141 0.731 0.014 243. 127. -4.3 0.0300 0.48 0.21 1.50 101.0 10.0 287.5 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
15 3 18 77 10 95.0 0.128 1.025 0.014 410. 110. -2.0 0.0340 0.48 0.18 1.18 137.0 10.0 289.9 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
15 3 18 77 11 121.6 0.148 1.232 0.012 555. 137. -2.4 0.0230 0.48 0.17 1.55 185.0 10.0 292.0 2.0 0

0.00 60. 1012. 0 ADJ-A1 NoSubs
15 3 18 77 12 136.4 0.279 1.314 0.010 601. 354. -14.4 0.0340 0.48 0.16 3.32 217.0 10.0 292.0 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
15 3 18 77 13 139.8 0.294 1.344 0.008 627. 383. -16.4 0.0340 0.48 0.16 3.54 230.0 10.0 293.1 2.0 0
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15 3 20 79 1 -3.9 0.081 -9.000 -9.000 -999. 56. 12.5 0.0310 0.48 1.00 1.30 324.0 10.0 283.1 2.0 0
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15 3 20 79 3 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0250 0.48 1.00 1.28 286.0 10.0 282.0 2.0 0
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15 3 20 79 12 138.4 0.300 1.153 0.015 401. 395. -17.7 0.0340 0.48 0.16 3.64 228.0 10.0 292.0 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
15 3 20 79 13 142.2 0.259 1.185 0.012 423. 317. -11.1 0.0340 0.48 0.16 3.00 230.0 10.0 294.9 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
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15 3 20 79 21 -4.2 0.084 -9.000 -9.000 -999. 58. 12.6 0.0250 0.48 1.00 1.40 294.0 10.0 286.4 2.0 0
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15 3 20 79 22 -6.4 0.104 -9.000 -9.000 -999. 80. 15.8 0.0310 0.48 1.00 1.67 324.0 10.0 285.4 2.0 0
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15 3 20 79 23 -6.8 0.106 -9.000 -9.000 -999. 83. 15.9 0.0250 0.48 1.00 1.77 291.0 10.0 283.8 2.0 0
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15 3 21 80 9 61.9 0.103 0.886 0.010 407. 80. -1.6 0.0340 0.48 0.20 0.92 146.0 10.0 288.1 2.0 0
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15 3 21 80 10 98.8 0.120 1.102 0.010 491. 100. -1.6 0.0370 0.48 0.18 1.04 151.0 10.0 291.4 2.0 0
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15 3 21 80 11 125.0 0.155 1.260 0.009 580. 146. -2.7 0.0340 0.48 0.17 1.50 148.0 10.0 292.5 2.0 0
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15 3 21 80 12 140.0 0.176 1.371 0.011 667. 178. -3.5 0.0370 0.48 0.16 1.74 160.0 10.0 294.2 2.0 0
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15 3 21 80 13 143.3 0.273 1.434 0.010 746. 342. -12.8 0.0230 0.48 0.16 3.47 200.0 10.0 295.4 2.0 0
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15 3 21 80 14 134.5 0.321 1.450 0.010 819. 436. -22.2 0.0340 0.48 0.16 3.97 238.0 10.0 295.4 2.0 0
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15 3 21 80 15 113.8 0.305 1.409 0.009 890. 405. -22.6 0.0280 0.48 0.17 3.93 240.0 10.0 294.2 2.0 0
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15 3 21 80 16 81.9 0.248 1.284 0.008 934. 299. -16.9 0.0280 0.48 0.19 3.12 241.0 10.0 292.0 2.0 0
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15 3 21 80 17 41.1 0.222 1.028 0.008 956. 250. -23.9 0.0370 0.48 0.24 2.71 169.0 10.0 290.9 2.0 0
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0.00 77. 1016. 10 ADJ-A1 NoSubs
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0.30 89. 1017. 10 ADJ-A1 NoSubs
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0.00 86. 1017. 10 ADJ-A1 NoSubs
15 3 22 81 13 34.7 0.269 0.741 0.005 425. 335. -50.9 0.0340 0.48 0.16 3.52 223.0 10.0 290.4 2.0 0
0.00 77. 1016. 10 ADJ-A1 NoSubs
15 3 22 81 14 32.8 0.297 0.750 0.005 466. 387. -72.0 0.0340 0.48 0.16 3.95 235.0 10.0 291.4 2.0 0
0.00 69. 1016. 10 ADJ-A1 NoSubs
15 3 22 81 15 111.9 0.378 1.217 0.005 583. 557. -43.6 0.0340 0.48 0.17 4.90 230.0 10.0 291.4 2.0 0
0.00 72. 1015. 5 ADJ-A1 NoSubs
15 3 22 81 16 82.2 0.431 1.199 0.005 759. 680. -88.5 0.0340 0.48 0.18 5.80 229.0 10.0 290.4 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
15 3 22 81 17 41.3 0.417 0.980 0.005 824. 648. -159.4 0.0340 0.48 0.23 5.73 226.0 10.0 288.8 2.0 0
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10.20 96. 1018. 10 ADJ-A1 NoSubs
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1.50 999. 1018. 7 ADJ-A1 NoSubs
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0.00 72. 1020. 0 ADJ-A1 NoSubs
15 3 23 82 13 146.3 0.350 1.743 0.005 1318. 497. -26.6 0.0340 0.48 0.16 4.39 225.0 10.0 290.9 2.0 0
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15 3 24 83 12 142.4 0.240 1.619 0.008 1084. 283. -8.9 0.0230 0.48 0.16 2.95 185.0 10.0 292.5 2.0 0
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15 3 24 83 13 144.8 0.360 1.670 0.007 1171. 517. -29.2 0.0340 0.48 0.16 4.54 223.0 10.0 291.4 2.0 0
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15 3 24 83 14 136.5 0.227 1.659 0.006 1218. 271. -7.8 0.0370 0.48 0.16 2.49 177.0 10.0 293.8 2.0 0
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15 3 24 83 15 116.2 0.213 1.587 0.006 1249. 236. -7.5 0.0370 0.48 0.17 2.32 177.0 10.0 294.2 2.0 0
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15 3 24 83 16 84.7 0.268 1.437 0.005 1271. 334. -20.7 0.0230 0.48 0.18 3.56 207.0 10.0 293.8 2.0 0
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15 3 24 83 17 43.8 0.212 1.157 0.005 1281. 236. -19.8 0.0230 0.48 0.23 2.81 201.0 10.0 292.5 2.0 0
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15 3 24 83 18 -0.3 0.082 -9.000 -9.000 -999. 71. 164.3 0.0340 0.48 0.39 1.20 232.0 10.0 292.5 2.0 0
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15 3 24 83 21 -18.0 0.183 -9.000 -9.000 -999. 187. 36.7 0.0340 0.48 1.00 2.78 125.0 10.0 289.2 2.0 0
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15 3 25 84 1 -3.3 0.075 -9.000 -9.000 -999. 50. 11.6 0.0250 0.48 1.00 1.23 276.0 10.0 284.2 2.0 0
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15 3 25 84 12 143.8 0.274 1.337 0.005 603. 344. -12.9 0.0340 0.48 0.16 3.22 222.0 10.0 294.2 2.0 0
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15 3 25 84 15 117.2 0.298 1.523 0.005 1093. 391. -20.4 0.0280 0.48 0.17 3.80 242.0 10.0 294.9 2.0 0
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15 3 25 84 16 86.0 0.203 1.413 0.006 1188. 224. -8.8 0.0340 0.48 0.18 2.30 230.0 10.0 295.4 2.0 0
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15 3 25 84 17 45.7 0.154 1.160 0.007 1237. 145. -7.2 0.0340 0.48 0.23 1.70 221.0 10.0 295.9 2.0 0
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15 3 25 84 18 0.1 0.119 0.153 0.007 1227. 99. -1454.1 0.0340 0.48 0.39 1.69 219.0 10.0 293.1 2.0 0
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15 3 26 85 10 105.9 0.141 0.977 0.016 319. 127. -2.4 0.0300 0.48 0.17 1.38 114.0 10.0 296.4 2.0 0
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15 3 26 85 12 147.5 0.193 1.199 0.010 423. 204. -4.4 0.0300 0.48 0.16 2.06 93.0 10.0 301.4 2.0 0
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15 3 26 85 15 120.0 0.333 1.274 0.005 623. 461. -27.8 0.0340 0.48 0.17 4.19 221.0 10.0 300.4 2.0 0
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15 3 26 85 17 47.0 0.325 0.979 0.005 722. 445. -65.9 0.0340 0.48 0.23 4.31 237.0 10.0 297.5 2.0 0
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15 3 26 85 18 0.5 0.210 0.220 0.005 704. 238. -1536.8 0.0230 0.48 0.38 3.18 180.0 10.0 292.5 2.0 0
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0.00 92. 1015. 10 ADJ-A1 NoSubs
15 3 27 86 9 72.3 0.117 0.669 0.020 150. 96. -2.0 0.0300 0.48 0.20 1.11 114.0 10.0 287.5 2.0 0
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15 3 27 86 10 105.2 0.137 0.906 0.018 256. 121. -2.2 0.0370 0.48 0.17 1.25 160.0 10.0 290.9 2.0 0
0.00 72. 1015. 0 ADJ-A1 NoSubs
15 3 27 86 11 131.1 0.212 1.074 0.016 342. 235. -6.6 0.0370 0.48 0.17 2.28 165.0 10.0 292.5 2.0 0

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15 3 27 86 12 145.0 0.311 1.191 0.013 422. 417. -18.9 0.0370 0.48 0.16 3.73 173.0 10.0 292.0 2.0 0
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15 3 27 86 13 147.8 0.287 1.281 0.010 515. 369. -14.4 0.0230 0.48 0.16 3.69 181.0 10.0 293.1 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
15 3 27 86 14 138.7 0.308 1.298 0.008 571. 410. -19.0 0.0370 0.48 0.16 3.69 166.0 10.0 293.1 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
15 3 27 86 15 118.1 0.297 1.261 0.007 615. 388. -20.0 0.0340 0.48 0.17 3.64 141.0 10.0 293.1 2.0 0
0.00 62. 1014. 0 ADJ-A1 NoSubs
15 3 27 86 16 86.8 0.279 1.151 0.006 636. 354. -22.6 0.0300 0.48 0.18 3.54 114.0 10.0 293.1 2.0 0
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15 3 29 88 16 88.8 0.253 1.146 0.008 612. 308. -16.5 0.0370 0.48 0.18 3.00 164.0 10.0 294.9 2.0 0
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15 3 31 90 13 151.5 0.279 1.429 0.010 698. 353. -12.9 0.0370 0.48 0.16 3.22 169.0 10.0 294.2 2.0 0
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15 4 1 91 6 -7.8 0.115 -9.000 -9.000 -999. 93. 17.5 0.0310 0.48 1.00 1.84 320.0 10.0 279.9 2.0 0
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15 4 1 91 8 30.6 0.087 0.588 0.011 240. 61. -1.9 0.0250 0.48 0.26 0.86 296.0 10.0 284.9 2.0 0
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15 4 1 91 9 74.3 0.128 0.901 0.010 357. 110. -2.6 0.0340 0.48 0.19 1.23 129.0 10.0 287.0 2.0 0
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15 4 1 91 10 110.0 0.178 1.100 0.008 438. 180. -4.7 0.0340 0.48 0.17 1.86 129.0 10.0 289.2 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
15 4 1 91 11 135.1 0.254 1.233 0.005 503. 308. -11.0 0.0370 0.48 0.16 2.89 178.0 10.0 289.9 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
15 4 1 91 12 149.2 0.347 1.313 0.005 550. 490. -25.3 0.0370 0.48 0.16 4.26 174.0 10.0 291.4 2.0 0
0.00 39. 1015. 0 ADJ-A1 NoSubs
15 4 1 91 13 151.7 0.269 1.424 0.005 688. 338. -11.6 0.0230 0.48 0.16 3.39 195.0 10.0 292.5 2.0 0
0.00 39. 1014. 0 ADJ-A1 NoSubs
15 4 1 91 14 142.4 0.296 1.653 0.005 1149. 386. -16.4 0.0230 0.48 0.16 3.85 208.0 10.0 292.5 2.0 0
0.00 39. 1013. 0 ADJ-A1 NoSubs
15 4 1 91 15 122.0 0.293 1.611 0.005 1240. 380. -18.6 0.0230 0.48 0.17 3.85 209.0 10.0 293.8 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
15 4 1 91 16 90.5 0.396 1.481 0.005 1297. 599. -62.1 0.0340 0.48 0.18 5.24 237.0 10.0 293.8 2.0 0
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15 4 1 91 17 49.2 0.414 1.217 0.005 1322. 639. -130.3 0.0280 0.48 0.22 5.85 258.0 10.0 291.4 2.0 0
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15 4 1 91 18 3.4 0.355 0.498 0.005 1320. 510. -1199.2 0.0280 0.48 0.36 5.19 265.0 10.0 289.2 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
15 4 1 91 19 -22.4 0.226 -9.000 -9.000 -999. 268. 56.2 0.0250 0.48 1.00 3.59 270.0 10.0 285.9 2.0 0
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15 4 1 91 21 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0310 0.48 1.00 1.47 322.0 10.0 284.2 2.0 0
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15 4 1 91 22 -6.1 0.102 -9.000 -9.000 -999. 78. 15.6 0.0360 0.48 1.00 1.60 353.0 10.0 282.5 2.0 0
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15 4 2 92 1 -13.3 0.151 -9.000 -9.000 -999. 141. 25.1 0.0310 0.48 1.00 2.37 309.0 10.0 280.9 2.0 0
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15 4 2 92 2 -14.1 0.156 -9.000 -9.000 -999. 148. 26.8 0.0310 0.48 1.00 2.44 312.0 10.0 280.4 2.0 0

0.00 79. 1014. 0 ADJ-A1 NoSubs
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0.00 85. 1016. 0 ADJ-SFC NoSubs
15 4 2 92 8 31.6 -9.000 -9.000 -9.000 206. -999. -99999.0 0.0304 0.48 0.25 0.00 0.0 10.0 284.2 2.0 0
0.00 74. 1016. 0 ADJ-SFC NoSubs
15 4 2 92 9 76.2 0.234 0.911 0.005 359. 271. -15.2 0.0304 0.48 0.19 2.86 999.0 10.0 290.4 2.0 0
0.00 32. 1016. 0 ADJ-SFC NoSubs
15 4 2 92 10 111.5 0.292 1.258 0.005 648. 378. -20.1 0.0230 0.48 0.17 3.86 191.0 10.0 290.9 2.0 0
0.00 49. 1016. 0 ADJ-SFC NoSubs
15 4 2 92 11 136.8 0.347 1.528 0.005 947. 490. -27.6 0.0340 0.48 0.16 4.36 144.0 10.0 292.5 2.0 0
0.00 39. 1016. 0 ADJ-SFC NoSubs
15 4 2 92 12 150.8 0.420 1.629 0.005 1040. 652. -44.4 0.0370 0.48 0.16 5.36 171.0 10.0 293.8 2.0 0
0.00 40. 1016. 0 ADJ-SFC NoSubs
15 4 2 92 13 152.9 0.486 1.683 0.005 1131. 813. -68.1 0.0340 0.48 0.16 6.46 229.0 10.0 293.8 2.0 0
0.00 34. 1015. 0 ADJ-SFC NoSubs
15 4 2 92 14 143.7 0.358 1.713 0.005 1270. 526. -28.8 0.0230 0.48 0.16 4.86 207.0 10.0 294.2 2.0 0
0.00 33. 1015. 0 ADJ-SFC NoSubs
15 4 2 92 15 123.0 0.355 1.673 0.005 1378. 507. -32.8 0.0230 0.48 0.17 4.86 190.0 10.0 294.9 2.0 0
0.00 34. 1014. 0 ADJ-SFC NoSubs
15 4 2 92 16 92.3 0.205 1.550 0.005 1460. 238. -8.4 0.0304 0.48 0.18 2.36 999.0 10.0 297.0 2.0 0
0.00 20. 1014. 0 ADJ-SFC NoSubs
15 4 2 92 17 51.5 0.227 1.287 0.005 1498. 260. -20.7 0.0304 0.48 0.22 2.86 999.0 10.0 296.4 2.0 0
0.00 20. 1014. 0 ADJ-SFC NoSubs
15 4 2 92 18 5.6 0.253 0.616 0.005 1498. 305. -259.6 0.0310 0.48 0.36 3.57 323.0 10.0 294.9 2.0 0
0.00 19. 1014. 0 ADJ-A1 NoSubs
15 4 2 92 19 -19.6 0.199 -9.000 -9.000 -999. 214. 43.6 0.0280 0.48 1.00 3.12 252.0 10.0 288.8 2.0 0
0.00 56. 1015. 0 ADJ-A1 NoSubs
15 4 2 92 20 -17.6 0.178 -9.000 -9.000 -999. 181. 35.0 0.0300 0.48 1.00 2.78 104.0 10.0 287.5 2.0 0
0.00 59. 1015. 0 ADJ-A1 NoSubs
15 4 2 92 21 -2.2 0.065 -9.000 -9.000 -999. 50. 11.4 0.0300 0.48 1.00 0.92 15.0 10.0 286.4 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
15 4 2 92 22 -6.2 0.101 -9.000 -9.000 -999. 77. 15.1 0.0250 0.48 1.00 1.69 293.0 10.0 283.8 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
15 4 2 92 23 -4.1 0.082 -9.000 -9.000 -999. 57. 12.4 0.0250 0.48 1.00 1.37 273.0 10.0 283.8 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
15 4 2 92 24 -8.8 0.122 -9.000 -9.000 -999. 103. 18.8 0.0310 0.48 1.00 1.95 307.0 10.0 283.8 2.0 0
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15 4 3 93 1 -10.1 0.131 -9.000 -9.000 -999. 114. 20.2 0.0310 0.48 1.00 2.08 309.0 10.0 280.9 2.0 0
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0.00 65. 1016. 0 ADJ-A1 NoSubs
15 4 3 93 4 -11.4 0.139 -9.000 -9.000 -999. 125. 21.6 0.0310 0.48 1.00 2.20 303.0 10.0 280.4 2.0 0
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15 4 3 93 5 -8.4 0.118 -9.000 -9.000 -999. 98. 17.7 0.0250 0.48 1.00 1.96 296.0 10.0 279.9 2.0 0

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15 4 3 93 8 32.9 0.126 0.433 0.014 89. 107. -5.5 0.0270 0.48 0.25 1.42 60.0 10.0 284.9 2.0 0
0.00 56. 1018. 0 ADJ-A1 Sub_CC
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15 4 3 93 10 112.3 0.180 1.102 0.011 433. 183. -4.7 0.0340 0.48 0.17 1.88 147.0 10.0 290.4 2.0 0
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15 4 3 93 11 137.7 0.198 1.220 0.009 479. 211. -5.1 0.0370 0.48 0.16 2.05 152.0 10.0 292.5 2.0 0
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15 4 3 93 12 151.8 0.253 1.301 0.006 526. 305. -9.7 0.0230 0.48 0.16 3.13 197.0 10.0 294.2 2.0 0
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15 4 3 93 13 153.8 0.286 1.347 0.005 576. 367. -13.7 0.0230 0.48 0.16 3.66 198.0 10.0 294.2 2.0 0
0.00 34. 1016. 0 ADJ-A1 NoSubs
15 4 3 93 14 144.8 0.268 1.432 0.005 736. 333. -12.0 0.0230 0.48 0.16 3.39 184.0 10.0 295.4 2.0 0
0.00 36. 1015. 0 ADJ-A1 NoSubs
15 4 3 93 15 124.3 0.239 1.444 0.005 878. 281. -9.9 0.0370 0.48 0.17 2.69 150.0 10.0 296.4 2.0 0
0.00 36. 1014. 0 ADJ-A1 NoSubs
15 4 3 93 16 93.0 0.270 1.389 0.005 1043. 337. -19.2 0.0340 0.48 0.18 3.30 233.0 10.0 297.0 2.0 0
0.00 24. 1013. 0 ADJ-A1 NoSubs
15 4 3 93 17 51.8 0.223 1.169 0.005 1114. 254. -19.4 0.0230 0.48 0.22 2.95 200.0 10.0 295.4 2.0 0
0.00 37. 1013. 0 ADJ-A1 NoSubs
15 4 3 93 18 4.9 0.334 0.529 0.005 1093. 464. -690.9 0.0340 0.48 0.35 4.71 131.0 10.0 290.4 2.0 0
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15 4 3 93 19 -27.1 0.274 -9.000 -9.000 -999. 346. 82.7 0.0300 0.48 1.00 4.19 106.0 10.0 287.5 2.0 0
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15 4 3 93 20 -10.6 0.135 -9.000 -9.000 -999. 133. 20.8 0.0270 0.48 1.00 2.18 76.0 10.0 286.4 2.0 0
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15 4 3 93 22 -5.8 0.098 -9.000 -9.000 -999. 74. 14.9 0.0300 0.48 1.00 1.60 25.0 10.0 284.2 2.0 0
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15 4 3 93 23 -6.7 0.106 -9.000 -9.000 -999. 83. 16.4 0.0360 0.48 1.00 1.67 333.0 10.0 283.1 2.0 0
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15 4 4 94 1 -8.6 0.121 -9.000 -9.000 -999. 101. 18.5 0.0310 0.48 1.00 1.93 314.0 10.0 280.9 2.0 0
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15 4 4 94 2 -14.2 0.157 -9.000 -9.000 -999. 149. 27.0 0.0310 0.48 1.00 2.45 304.0 10.0 280.9 2.0 0
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15 4 4 94 4 -5.2 0.094 -9.000 -9.000 -999. 69. 14.4 0.0360 0.48 1.00 1.48 341.0 10.0 279.9 2.0 0
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15 4 4 94 5 -7.0 0.108 -9.000 -9.000 -999. 85. 16.3 0.0310 0.48 1.00 1.74 312.0 10.0 278.8 2.0 0
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15 4 4 94 10 113.0 0.148 1.062 0.008 383. 137. -2.6 0.0340 0.48 0.17 1.43 140.0 10.0 289.2 2.0 0
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15 4 4 94 11 138.0 0.236 1.342 0.009 633. 276. -8.6 0.0230 0.48 0.16 2.89 201.0 10.0 290.4 2.0 0
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15 4 4 94 12 151.5 0.239 1.411 0.008 670. 281. -8.2 0.0230 0.48 0.16 2.91 192.0 10.0 290.4 2.0 0
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15 4 4 94 13 154.2 0.230 1.508 0.007 802. 265. -7.1 0.0370 0.48 0.16 2.49 165.0 10.0 293.1 2.0 0
0.00 43. 1011. 0 ADJ-A1 NoSubs
15 4 4 94 14 145.1 0.259 1.508 0.006 853. 316. -10.7 0.0370 0.48 0.16 2.93 167.0 10.0 294.2 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
15 4 4 94 15 124.2 0.279 1.450 0.006 885. 353. -15.7 0.0230 0.48 0.17 3.61 202.0 10.0 294.2 2.0 0
0.00 34. 1010. 0 ADJ-A1 NoSubs
15 4 4 94 16 92.9 0.183 1.348 0.006 951. 192. -5.9 0.0230 0.48 0.18 2.15 191.0 10.0 294.9 2.0 0
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15 4 4 94 17 51.8 0.182 1.127 0.007 995. 186. -10.4 0.0230 0.48 0.22 2.27 191.0 10.0 293.1 2.0 0
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15 4 4 94 18 5.7 0.280 0.539 0.007 993. 355. -347.5 0.0270 0.48 0.35 4.07 68.0 10.0 290.9 2.0 0
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15 4 4 94 19 -21.9 0.224 -9.000 -9.000 -999. 255. 55.1 0.0270 0.48 1.00 3.51 82.0 10.0 288.8 2.0 0
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15 4 4 94 20 -21.3 0.216 -9.000 -9.000 -999. 242. 51.6 0.0300 0.48 1.00 3.34 97.0 10.0 287.0 2.0 0
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15 4 5 95 6 -18.0 0.178 -9.000 -9.000 -999. 180. 34.8 0.0250 0.48 1.00 2.86 299.0 10.0 279.2 2.0 0
0.00 82. 1009. 0 ADJ-SFC NoSubs
15 4 5 95 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 0.44 0.00 0.0 10.0 281.4 2.0 0
0.00 79. 1008. 0 ADJ-SFC NoSubs
15 4 5 95 8 38.8 -9.000 -9.000 -9.000 435. -999. -99999.0 0.0304 0.48 0.25 0.00 0.0 10.0 284.9 2.0 0
0.00 68. 1008. 5 ADJ-SFC Sub_CC
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0.00 55. 1008. 10 ADJ-SFC NoSubs
15 4 5 95 10 27.1 0.153 0.781 0.005 633. 144. -12.0 0.0370 0.48 0.17 1.76 154.0 10.0 288.1 2.0 0
0.00 59. 1008. 10 ADJ-SFC NoSubs
15 4 5 95 11 33.4 0.366 0.856 0.005 677. 532. -132.6 0.0230 0.48 0.16 5.36 205.0 10.0 288.8 2.0 0

0.00 61. 1008. 10 ADJ-SFC NoSubs
15 4 5 95 12 124.2 0.370 1.441 0.006 868. 539. -36.6 0.0230 0.48 0.16 5.10 209.0 10.0 289.9 2.0 0
0.00 61. 1008. 7 ADJ-A1 NoSubs
15 4 5 95 13 37.1 0.382 0.973 0.005 894. 567. -135.5 0.0340 0.48 0.16 5.22 223.0 10.0 288.1 2.0 0
0.00 68. 1008. 10 ADJ-A1 NoSubs
15 4 5 95 14 117.9 0.464 1.474 0.005 978. 757. -76.0 0.0340 0.48 0.16 6.19 227.0 10.0 288.1 2.0 0
0.00 71. 1008. 7 ADJ-A1 NoSubs
15 4 5 95 15 120.8 0.424 1.528 0.005 1063. 665. -56.7 0.0340 0.48 0.17 5.58 234.0 10.0 288.8 2.0 0
0.00 59. 1007. 5 ADJ-A1 Sub_CC
15 4 5 95 16 94.6 0.462 1.446 0.005 1150. 752. -93.4 0.0340 0.48 0.18 6.22 229.0 10.0 288.8 2.0 0
0.00 56. 1007. 2 ADJ-A1 Sub_CC
15 4 5 95 17 51.1 0.421 1.191 0.005 1189. 658. -131.5 0.0340 0.48 0.22 5.75 224.0 10.0 288.1 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
15 4 5 95 18 5.1 0.408 0.553 0.005 1189. 626. -1198.5 0.0340 0.48 0.35 5.77 232.0 10.0 285.9 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
15 4 5 95 19 -24.6 0.248 -9.000 -9.000 -999. 315. 67.7 0.0280 0.48 1.00 3.85 242.0 10.0 284.2 2.0 0
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0.00 40. 1010. 0 ADJ-A1 NoSubs
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15 4 7 97 8 7.5 0.237 0.310 0.005 142. 278. -160.1 0.0230 0.48 0.24 3.49 201.0 10.0 284.9 2.0 11
1.50 89. 1006. 10 ADJ-A1 NoSubs
15 4 7 97 9 80.9 0.213 1.028 0.005 483. 237. -10.8 0.0230 0.48 0.19 2.67 204.0 10.0 285.4 2.0 11
2.00 86. 1007. 5 ADJ-A1 NoSubs
15 4 7 97 10 95.6 0.302 1.218 0.005 680. 398. -25.9 0.0340 0.48 0.17 3.78 221.0 10.0 287.5 2.0 0
0.00 77. 1007. 7 ADJ-A1 NoSubs
15 4 7 97 11 143.0 0.393 1.544 0.005 927. 591. -38.1 0.0340 0.48 0.16 5.05 217.0 10.0 289.2 2.0 0
0.00 66. 1008. 3 ADJ-A1 NoSubs
15 4 7 97 12 153.6 0.454 1.801 0.008 1370. 733. -54.7 0.0340 0.48 0.16 5.96 223.0 10.0 289.2 2.0 0
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15 4 7 97 13 155.5 0.461 1.834 0.008 1429. 750. -56.6 0.0340 0.48 0.16 6.06 219.0 10.0 289.9 2.0 0
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15 4 7 97 14 148.3 0.437 1.823 0.007 1474. 694. -50.6 0.0230 0.48 0.16 6.14 202.0 10.0 289.2 2.0 0
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15 4 7 97 15 102.4 0.430 1.622 0.007 1501. 677. -69.9 0.0230 0.48 0.17 6.14 205.0 10.0 287.0 2.0 0
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15 4 7 97 16 77.6 0.421 1.486 0.007 1523. 657. -86.7 0.0230 0.48 0.18 6.07 197.0 10.0 285.9 2.0 0
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15 4 7 97 17 52.3 0.314 1.307 0.007 1539. 429. -53.2 0.0230 0.48 0.22 4.42 198.0 10.0 287.5 2.0 0

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15 4 7 97 18 6.4 0.291 0.651 0.007 1539. 378. -346.3 0.0340 0.48 0.34 4.07 221.0 10.0 286.4 2.0 0
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0.80 89. 1015. 7 ADJ-A1 NoSubs
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15 4 8 98 8 38.6 0.100 0.835 0.005 547. 76. -2.4 0.0270 0.48 0.24 1.01 80.0 10.0 285.4 2.0 0
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15 4 8 98 12 140.8 0.207 1.642 0.006 1141. 227. -5.7 0.0230 0.48 0.16 2.43 196.0 10.0 290.9 2.0 0
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0.00 61. 1013. 0 ADJ-A1 NoSubs
15 4 8 98 18 7.4 0.196 0.668 0.005 1448. 215. -91.5 0.0340 0.48 0.34 2.64 235.0 10.0 288.1 2.0 0
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0.00 79. 1012. 0 ADJ-A1 NoSubs
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0.00 74. 1011. 0 ADJ-A1 NoSubs
15 4 9 99 9 83.2 0.117 1.045 0.005 495. 96. -1.7 0.0270 0.48 0.18 1.11 69.0 10.0 288.8 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
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15 4 9 99 11 142.9 0.167 1.588 0.007 1011. 164. -2.9 0.0300 0.48 0.16 1.69 46.0 10.0 292.5 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
15 4 9 99 12 156.2 0.192 1.684 0.007 1102. 202. -4.1 0.0300 0.48 0.16 2.03 98.0 10.0 293.1 2.0 0
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15 4 9 99 13 157.9 0.393 1.756 0.008 1237. 591. -34.6 0.0340 0.48 0.16 5.02 229.0 10.0 293.1 2.0 0
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15 4 9 99 16 95.6 0.335 1.523 0.007 1331. 466. -35.4 0.0340 0.48 0.18 4.29 230.0 10.0 293.1 2.0 0
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15 4 9 99 17 54.4 0.375 1.266 0.007 1342. 551. -87.2 0.0340 0.48 0.21 5.04 232.0 10.0 290.9 2.0 0
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15 4 9 99 18 8.6 0.244 0.685 0.007 1343. 300. -151.5 0.0280 0.48 0.34 3.46 240.0 10.0 290.4 2.0 0
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15 4 10 100 11 143.6 0.229 1.350 0.007 619. 262. -7.5 0.0230 0.48 0.16 2.76 185.0 10.0 292.0 2.0 0
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15 4 10 100 12 156.4 0.354 1.441 0.005 692. 505. -25.5 0.0340 0.48 0.16 4.42 237.0 10.0 291.4 2.0 0
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15 4 11 101 10 120.0 0.158 1.079 0.011 378. 151. -3.0 0.0340 0.48 0.17 1.55 124.0 10.0 290.9 2.0 0
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15 4 11 101 11 144.4 0.232 1.186 0.008 417. 268. -7.8 0.0370 0.48 0.16 2.54 166.0 10.0 292.0 2.0 0
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15 4 11 101 12 157.3 0.286 1.302 0.006 507. 368. -13.5 0.0230 0.48 0.16 3.66 199.0 10.0 292.0 2.0 0
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15 4 11 101 13 159.2 0.276 1.422 0.005 653. 348. -11.9 0.0230 0.48 0.16 3.49 184.0 10.0 293.1 2.0 0
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15 4 11 101 14 149.8 0.256 1.472 0.005 769. 310. -10.1 0.0370 0.48 0.16 2.88 162.0 10.0 294.2 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
15 4 11 101 15 129.1 0.241 1.504 0.005 950. 284. -9.8 0.0340 0.48 0.17 2.76 149.0 10.0 295.4 2.0 0
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15 4 11 101 16 98.2 0.202 1.445 0.005 1108. 218. -7.5 0.0370 0.48 0.18 2.20 167.0 10.0 297.0 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
15 4 11 101 17 57.4 0.218 1.235 0.005 1183. 244. -16.2 0.0230 0.48 0.21 2.83 185.0 10.0 296.4 2.0 0
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15 4 11 101 19 -12.6 0.149 -9.000 -9.000 -999. 138. 24.5 0.0300 0.48 0.72 2.35 2.0 10.0 293.1 2.0 0
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15 4 12 102 1 -11.2 0.140 -9.000 -9.000 -999. 126. 22.0 0.0360 0.48 1.00 2.15 332.0 10.0 283.8 2.0 0
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15 4 12 102 10 121.5 0.151 1.151 0.011 453. 141. -2.6 0.0300 0.48 0.17 1.50 100.0 10.0 293.1 2.0 0
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15 4 12 102 12 159.9 0.192 1.345 0.006 548. 201. -4.0 0.0230 0.48 0.16 2.14 186.0 10.0 297.5 2.0 0
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0.00 35. 1009. 0 ADJ-A1 NoSubs
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9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
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15 4 13 103 10 28.9 0.235 0.621 0.025 299. 273. -40.4 0.0340 0.48 0.17 3.03 124.0 10.0 288.1 2.0 0
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15 4 13 103 12 128.7 0.321 1.096 0.018 370. 437. -23.3 0.0370 0.48 0.16 3.92 171.0 10.0 289.2 2.0 0
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15 4 13 103 13 162.0 0.363 1.228 0.011 414. 524. -26.6 0.0230 0.48 0.16 4.90 205.0 10.0 289.9 2.0 0
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15 4 13 103 15 128.5 0.378 1.186 0.010 470. 559. -37.8 0.0230 0.48 0.17 5.22 208.0 10.0 289.2 2.0 0
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15 4 13 103 16 97.0 0.327 1.094 0.014 488. 451. -32.7 0.0370 0.48 0.18 4.10 173.0 10.0 289.2 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
15 4 13 103 17 56.5 0.243 0.920 0.013 498. 290. -22.9 0.0340 0.48 0.21 3.01 146.0 10.0 289.2 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
15 4 13 103 18 10.3 0.252 0.521 0.013 498. 304. -141.5 0.0300 0.48 0.32 3.53 97.0 10.0 287.0 2.0 0
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15 4 14 104 8 45.1 0.113 0.990 0.011 782. 91. -2.9 0.0340 0.48 0.23 1.11 139.0 10.0 285.9 2.0 0
0.00 52. 1021. 0 ADJ-A1 NoSubs
15 4 14 104 9 87.9 0.147 1.277 0.010 864. 136. -3.3 0.0340 0.48 0.18 1.47 210.0 10.0 288.1 2.0 0
0.00 40. 1021. 0 ADJ-A1 NoSubs
15 4 14 104 10 122.1 0.207 1.456 0.009 921. 226. -6.6 0.0230 0.48 0.17 2.46 202.0 10.0 289.2 2.0 0
0.00 40. 1021. 0 ADJ-A1 Sub_CC
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15 4 14 104 12 159.8 0.245 1.612 0.007 956. 290. -8.3 0.0340 0.48 0.16 2.75 234.0 10.0 293.1 2.0 0
0.00 26. 1020. 0 ADJ-A1 NoSubs
15 4 14 104 13 161.5 0.305 1.636 0.006 987. 405. -16.0 0.0300 0.48 0.16 3.76 5.0 10.0 294.2 2.0 0
0.00 14. 1019. 0 ADJ-A1 NoSubs
15 4 14 104 14 151.7 0.284 1.644 0.005 1066. 363. -13.7 0.0360 0.48 0.16 3.32 345.0 10.0 294.2 2.0 0
0.00 14. 1018. 0 ADJ-A1 NoSubs
15 4 14 104 15 130.5 0.331 1.596 0.005 1132. 457. -25.3 0.0360 0.48 0.17 4.09 338.0 10.0 294.2 2.0 0
0.00 14. 1018. 0 ADJ-A1 NoSubs
15 4 14 104 16 99.0 0.323 1.476 0.005 1181. 441. -30.9 0.0310 0.48 0.18 4.17 326.0 10.0 294.2 2.0 0
0.00 15. 1017. 0 ADJ-A1 NoSubs
15 4 14 104 17 58.5 0.299 1.249 0.005 1208. 392. -41.3 0.0310 0.48 0.21 3.93 329.0 10.0 294.2 2.0 0
0.00 16. 1017. 0 ADJ-A1 NoSubs
15 4 14 104 18 12.3 0.271 0.743 0.005 1211. 340. -147.5 0.0310 0.48 0.32 3.78 316.0 10.0 292.5 2.0 0
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15 4 14 104 19 -22.1 0.226 -9.000 -9.000 -999. 259. 56.3 0.0250 0.48 0.69 3.59 295.0 10.0 288.1 2.0 0
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15 4 14 104 20 -20.8 0.209 -9.000 -9.000 -999. 230. 48.1 0.0280 0.48 1.00 3.27 269.0 10.0 285.9 2.0 0
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15 4 16 106 10 125.4 0.171 1.579 0.013 1135. 170. -3.6 0.0370 0.48 0.17 1.69 163.0 10.0 294.9 2.0 0
0.00 33. 1011. 0 ADJ-A1 NoSubs
15 4 16 106 11 150.1 0.174 1.703 0.015 1190. 174. -3.1 0.0300 0.48 0.16 1.77 101.0 10.0 297.5 2.0 0
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15 4 16 106 12 163.3 0.257 1.780 0.017 1247. 312. -9.3 0.0300 0.48 0.16 3.00 95.0 10.0 299.2 2.0 0
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15 4 16 106 13 165.1 0.202 1.813 0.017 1302. 219. -4.5 0.0270 0.48 0.16 2.22 62.0 10.0 300.4 2.0 0
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15 4 16 106 15 133.1 0.374 1.724 0.016 1390. 550. -35.4 0.0280 0.48 0.17 4.97 245.0 10.0 298.1 2.0 0
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15 4 16 106 16 101.1 0.337 1.587 0.016 1425. 470. -34.0 0.0280 0.48 0.17 4.46 242.0 10.0 297.0 2.0 0
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15 4 19 109 10 30.0 0.117 0.716 0.031 440. 97. -4.9 0.0230 0.48 0.17 1.35 186.0 10.0 287.5 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
15 4 19 109 11 122.1 0.229 1.163 0.029 465. 262. -8.8 0.0370 0.48 0.16 2.54 176.0 10.0 288.8 2.0 0
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15 4 19 109 12 162.3 0.290 1.322 0.027 513. 375. -13.5 0.0230 0.48 0.16 3.71 194.0 10.0 290.4 2.0 0
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15 4 19 109 13 163.4 0.313 1.364 0.025 559. 421. -16.9 0.0230 0.48 0.16 4.09 197.0 10.0 290.4 2.0 0
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15 4 19 109 14 153.4 0.339 1.350 0.023 577. 473. -22.8 0.0230 0.48 0.16 4.53 194.0 10.0 290.4 2.0 0
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15 4 19 109 15 132.2 0.346 1.293 0.021 588. 489. -28.2 0.0340 0.48 0.16 4.36 219.0 10.0 290.4 2.0 0
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15 4 19 109 16 103.6 0.349 1.196 0.020 594. 495. -36.9 0.0340 0.48 0.17 4.48 222.0 10.0 289.2 2.0 0
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15 4 19 109 17 13.5 0.329 0.607 0.020 595. 453. -237.1 0.0340 0.48 0.21 4.56 222.0 10.0 287.5 2.0 0
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15 4 19 109 19 -18.7 0.195 -9.000 -9.000 -999. 207. 41.6 0.0340 0.48 0.65 2.95 220.0 10.0 286.4 2.0 0
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15 4 19 109 20 -13.8 0.156 -9.000 -9.000 -999. 148. 26.8 0.0340 0.48 1.00 2.40 217.0 10.0 286.4 2.0 0
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15 4 19 109 21 -4.7 0.088 -9.000 -9.000 -999. 64. 13.2 0.0230 0.48 1.00 1.50 200.0 10.0 286.4 2.0 0
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15 4 19 109 22 -11.8 0.144 -9.000 -9.000 -999. 131. 22.8 0.0340 0.48 1.00 2.23 226.0 10.0 285.9 2.0 0
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15 4 19 109 23 -8.7 0.123 -9.000 -9.000 -999. 104. 19.2 0.0340 0.48 1.00 1.93 224.0 10.0 285.9 2.0 0
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15 4 19 109 24 -2.3 0.065 -9.000 -9.000 -999. 41. 11.1 0.0250 0.48 1.00 0.97 284.0 10.0 286.4 2.0 0
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15 4 20 110 5 -7.5 0.112 -9.000 -9.000 -999. 90. 16.8 0.0230 0.48 1.00 1.89 203.0 10.0 285.4 2.0 0
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15 4 20 110 6 -7.9 0.117 -9.000 -9.000 -999. 96. 18.1 0.0340 0.48 1.00 1.84 210.0 10.0 285.4 2.0 0
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15 4 20 110 7 -1.2 0.131 -9.000 -9.000 -999. 114. 165.7 0.0340 0.48 0.35 1.93 214.0 10.0 285.4 2.0 0
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15 4 20 110 8 10.9 0.157 0.465 0.015 330. 149. -31.9 0.0230 0.48 0.22 2.15 193.0 10.0 285.4 2.0 0
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15 4 20 110 9 21.5 0.146 0.630 0.020 418. 135. -13.2 0.0230 0.48 0.18 1.87 186.0 10.0 285.9 2.0 0
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15 4 20 110 10 29.9 0.170 0.755 0.025 517. 169. -14.9 0.0230 0.48 0.17 2.20 202.0 10.0 286.4 2.0 0
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15 4 20 110 11 36.1 0.198 0.853 0.030 617. 212. -19.4 0.0230 0.48 0.16 2.62 205.0 10.0 288.1 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
15 4 20 110 12 39.2 0.258 0.895 0.030 657. 314. -39.2 0.0340 0.48 0.16 3.32 223.0 10.0 288.1 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
15 4 20 110 13 39.6 0.290 0.902 0.030 665. 375. -55.2 0.0340 0.48 0.16 3.81 233.0 10.0 288.8 2.0 0
0.00 71. 1007. 10 ADJ-A1 NoSubs
15 4 20 110 14 37.1 0.361 0.886 0.030 672. 520. -113.6 0.0340 0.48 0.16 4.90 233.0 10.0 288.8 2.0 0
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15 4 20 110 15 31.8 0.388 0.844 0.030 678. 579. -164.4 0.0340 0.48 0.16 5.33 227.0 10.0 288.8 2.0 0
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15 4 20 110 16 23.8 0.351 0.768 0.029 683. 500. -162.8 0.0340 0.48 0.17 4.82 227.0 10.0 288.1 2.0 0
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15 4 20 110 17 13.6 0.294 0.639 0.029 685. 385. -168.2 0.0340 0.48 0.20 4.05 227.0 10.0 287.5 2.0 0
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15 4 20 110 18 2.1 0.258 0.342 0.029 685. 316. -741.0 0.0340 0.48 0.31 3.64 227.0 10.0 287.0 2.0 0
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15 4 20 110 19 -18.1 0.190 -9.000 -9.000 -999. 200. 39.6 0.0340 0.48 0.64 2.88 224.0 10.0 286.4 2.0 0
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15 4 20 110 20 -14.4 0.159 -9.000 -9.000 -999. 153. 28.0 0.0340 0.48 1.00 2.45 227.0 10.0 286.4 2.0 0
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15 4 20 110 21 -10.4 0.135 -9.000 -9.000 -999. 119. 21.2 0.0340 0.48 1.00 2.10 227.0 10.0 286.4 2.0 0
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15 4 20 110 22 -7.8 0.115 -9.000 -9.000 -999. 94. 17.7 0.0280 0.48 1.00 1.88 255.0 10.0 286.4 2.0 0
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15 4 21 111 1 -15.0 0.163 -9.000 -9.000 -999. 158. 29.2 0.0340 0.48 1.00 2.50 220.0 10.0 285.4 2.0 0
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15 4 21 111 7 -0.6 0.117 -9.000 -9.000 -999. 97. 254.1 0.0280 0.48 0.34 1.77 261.0 10.0 285.4 2.0 0
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15 4 21 111 8 11.3 0.138 0.467 0.007 325. 122. -20.8 0.0280 0.48 0.22 1.76 255.0 10.0 285.9 2.0 0
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15 4 21 111 9 21.8 0.175 0.627 0.012 406. 175. -22.0 0.0340 0.48 0.18 2.16 236.0 10.0 286.4 2.0 0
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15 4 21 111 11 35.8 0.284 0.836 0.020 586. 363. -57.6 0.0230 0.48 0.16 4.02 206.0 10.0 285.9 2.0 11
0.30 92. 1009. 10 ADJ-A1 NoSubs
15 4 21 111 12 39.0 0.356 0.899 0.024 671. 510. -104.3 0.0230 0.48 0.16 5.17 204.0 10.0 286.4 2.0 0
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15 4 21 111 13 39.3 0.325 0.931 0.029 739. 445. -78.4 0.0230 0.48 0.16 4.66 201.0 10.0 286.4 2.0 0
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15 4 21 111 16 23.8 0.353 0.798 0.029 766. 503. -165.6 0.0340 0.48 0.17 4.85 212.0 10.0 287.5 2.0 0
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15 4 21 111 17 13.7 0.324 0.664 0.030 769. 444. -224.0 0.0340 0.48 0.20 4.49 225.0 10.0 287.0 2.0 0
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15 4 21 111 18 2.1 0.315 0.356 0.030 769. 425. -1335.8 0.0340 0.48 0.31 4.46 216.0 10.0 286.4 2.0 0
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15 4 21 111 19 -22.1 0.232 -9.000 -9.000 -999. 271. 59.2 0.0340 0.48 0.63 3.49 215.0 10.0 285.9 2.0 0
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15 4 21 111 22 -20.7 0.211 -9.000 -9.000 -999. 232. 48.7 0.0230 0.48 1.00 3.40 194.0 10.0 285.9 2.0 0
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15 4 21 111 23 -14.8 0.160 -9.000 -9.000 -999. 154. 28.1 0.0230 0.48 1.00 2.62 196.0 10.0 285.9 2.0 0
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15 4 21 111 24 -14.6 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.48 1.00 2.47 223.0 10.0 285.9 2.0 0
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15 4 22 112 1 -14.3 0.159 -9.000 -9.000 -999. 152. 27.7 0.0340 0.48 1.00 2.44 219.0 10.0 285.4 2.0 0
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15 4 22 112 2 -10.1 0.131 -9.000 -9.000 -999. 114. 19.9 0.0230 0.48 1.00 2.18 209.0 10.0 285.4 2.0 0
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15 4 22 112 5 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0300 0.48 1.00 1.89 119.0 10.0 285.4 2.0 0
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15 4 22 112 7 0.0 0.233 0.019 0.007 6. 270. -8888.0 0.0300 0.48 0.34 3.39 116.0 10.0 285.9 2.0 0
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15 4 22 112 8 11.5 0.253 0.455 0.008 294. 306. -127.0 0.0370 0.48 0.21 3.40 153.0 10.0 285.9 2.0 0

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15 4 22 112 9 21.9 0.256 0.619 0.009 389. 311. -68.9 0.0370 0.48 0.18 3.35 160.0 10.0 285.9 2.0 0
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15 4 22 112 10 30.3 0.280 0.746 0.012 492. 356. -65.5 0.0370 0.48 0.17 3.66 166.0 10.0 286.4 2.0 0
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15 4 22 112 11 36.3 0.262 0.843 0.015 593. 322. -44.6 0.0370 0.48 0.16 3.35 176.0 10.0 287.5 2.0 0
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15 4 22 112 12 39.4 0.261 0.875 0.015 612. 321. -40.7 0.0370 0.48 0.16 3.32 173.0 10.0 287.5 2.0 0
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15 4 22 112 13 39.9 0.300 0.887 0.016 629. 395. -60.9 0.0230 0.48 0.16 4.26 183.0 10.0 288.8 2.0 0
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15 4 22 112 14 37.0 0.303 0.872 0.016 644. 400. -67.5 0.0230 0.48 0.16 4.32 197.0 10.0 287.0 2.0 0
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15 4 22 112 15 31.8 0.262 0.835 0.016 657. 322. -50.5 0.0340 0.48 0.16 3.42 210.0 10.0 287.5 2.0 0
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15 4 22 112 16 24.0 0.273 0.763 0.016 666. 342. -76.1 0.0230 0.48 0.17 3.91 198.0 10.0 287.5 2.0 0
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15 4 22 112 17 13.9 0.249 0.639 0.016 672. 299. -99.8 0.0230 0.48 0.20 3.61 186.0 10.0 287.5 2.0 0
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15 4 22 112 18 2.3 0.220 0.349 0.016 672. 247. -420.9 0.0230 0.48 0.30 3.29 188.0 10.0 286.4 2.0 0
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15 4 22 112 19 -19.5 0.205 -9.000 -9.000 -999. 224. 46.5 0.0230 0.48 0.63 3.32 204.0 10.0 285.4 2.0 0
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15 4 23 113 7 0.0 0.127 0.013 0.005 2. 109. -3948.5 0.0230 0.48 0.33 1.93 185.0 10.0 284.9 2.0 0
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15 4 23 113 9 22.1 0.230 0.626 0.020 398. 264. -49.3 0.0370 0.48 0.18 2.95 177.0 10.0 285.9 2.0 0
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15 4 23 113 10 30.4 0.221 0.717 0.024 437. 250. -32.1 0.0230 0.48 0.17 3.03 193.0 10.0 285.9 2.0 0
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15 4 23 113 11 36.3 0.224 0.785 0.024 479. 254. -27.7 0.0230 0.48 0.16 3.03 195.0 10.0 286.4 2.0 0

0.00 71. 1008. 10 ADJ-A1 NoSubs
15 4 23 113 12 39.3 0.235 0.828 0.024 520. 273. -29.7 0.0230 0.48 0.16 3.20 193.0 10.0 286.4 2.0 0
0.00 71. 1008. 10 ADJ-A1 NoSubs
15 4 23 113 13 39.7 0.276 0.852 0.024 560. 347. -47.4 0.0340 0.48 0.16 3.59 210.0 10.0 287.0 2.0 0
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15 4 23 113 14 37.1 0.289 0.850 0.024 594. 373. -58.3 0.0230 0.48 0.16 4.09 207.0 10.0 287.0 2.0 0
0.00 66. 1008. 10 ADJ-A1 NoSubs
15 4 23 113 15 31.7 0.299 0.819 0.024 623. 393. -76.1 0.0340 0.48 0.16 4.00 214.0 10.0 286.4 2.0 0
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15 4 23 113 16 23.8 0.285 0.766 0.024 677. 365. -87.2 0.0340 0.48 0.17 3.83 212.0 10.0 286.4 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
15 4 23 113 17 13.8 0.208 0.648 0.024 707. 230. -58.7 0.0230 0.48 0.20 2.95 195.0 10.0 286.4 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
15 4 23 113 18 2.3 0.205 0.357 0.024 710. 224. -338.3 0.0230 0.48 0.30 3.07 195.0 10.0 285.9 2.0 0
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0 0.00 999. 1012. 10 ADJ-A1 NoSubs
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0 0.00 999. 1012. 10 ADJ-A1 NoSubs
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0 0.00 999. 1012. 0 ADJ-A1 NoSubs
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0 0.00 999. 1011. 0 ADJ-A1 NoSubs
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0 0.00 999. 1011. 0 ADJ-A1 NoSubs
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0 0.00 999. 1010. 0 ADJ-A1 NoSubs
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0 0.00 999. 1010. 0 ADJ-A1 NoSubs
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0 0.00 999. 1010. 0 ADJ-A1 NoSubs
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0 0.00 999. 1010. 0 ADJ-A1 NoSubs
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0 0.00 999. 1010. 0 ADJ-A1 NoSubs
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0 0.00 999. 1011. 0 ADJ-A1 NoSubs
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0 0.00 999. 1012. 10 ADJ-A1 NoSubs
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0.00 66. 1007. 0 ADJ-A1 NoSubs
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0.00 79. 1007. 10 ADJ-A1 NoSubs
15 5 3 123 1 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0310 0.48 1.00 1.52 321.0 10.0 285.4 2.0 0
0.00 76. 1007. 10 ADJ-A1 NoSubs
15 5 3 123 2 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0310 0.48 1.00 1.52 307.0 10.0 284.9 2.0 0
0.00 79. 1006. 10 ADJ-A1 NoSubs
15 5 3 123 3 -4.9 0.091 -9.000 -9.000 -999. 65. 13.6 0.0250 0.48 1.00 1.52 296.0 10.0 284.9 2.0 0
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15 5 3 123 4 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0360 0.48 1.00 1.26 336.0 10.0 284.9 2.0 0
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15 5 3 123 5 -3.5 0.078 -9.000 -9.000 -999. 52. 11.8 0.0250 0.48 1.00 1.28 272.0 10.0 284.9 2.0 0
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15 5 3 123 6 -7.5 0.115 -9.000 -9.000 -999. 94. 18.3 0.0340 0.48 0.61 1.81 229.0 10.0 284.9 2.0 0
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15 5 3 123 7 2.1 0.154 0.287 0.028 406. 145. -156.0 0.0340 0.48 0.30 2.11 228.0 10.0 284.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
15 5 3 123 8 13.6 0.182 0.553 0.029 447. 186. -40.0 0.0340 0.48 0.20 2.35 213.0 10.0 285.4 2.0 0
0.00 76. 1007. 10 ADJ-A1 NoSubs
15 5 3 123 9 23.8 0.223 0.697 0.031 510. 252. -41.6 0.0340 0.48 0.17 2.88 215.0 10.0 285.9 2.0 0
0.00 73. 1008. 10 ADJ-A1 NoSubs
15 5 3 123 10 32.0 0.243 0.804 0.031 584. 287. -40.1 0.0340 0.48 0.16 3.13 232.0 10.0 286.4 2.0 0
0.00 71. 1008. 10 ADJ-A1 NoSubs
15 5 3 123 11 37.8 0.315 0.893 0.032 678. 424. -74.3 0.0340 0.48 0.16 4.20 222.0 10.0 287.0 2.0 0
0.00 71. 1009. 10 ADJ-A1 NoSubs
15 5 3 123 12 40.8 0.388 0.918 0.031 683. 580. -128.8 0.0340 0.48 0.16 5.29 223.0 10.0 287.5 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
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15 5 3 123 14 154.6 0.463 1.448 0.019 707. 754. -57.6 0.0340 0.48 0.16 6.09 227.0 10.0 288.8 2.0 0

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15 5 3 123 15 113.7 0.444 1.311 0.027 714. 710. -69.1 0.0340 0.48 0.16 5.90 220.0 10.0 289.2 2.0 0
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15 5 3 123 16 105.9 0.410 1.284 0.026 720. 632. -58.7 0.0340 0.48 0.17 5.41 227.0 10.0 288.1 2.0 0
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15 5 3 123 17 71.1 0.379 1.127 0.025 724. 561. -68.9 0.0340 0.48 0.20 5.04 221.0 10.0 287.5 2.0 0
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15 5 3 123 18 26.6 0.335 0.813 0.025 725. 466. -126.5 0.0340 0.48 0.28 4.56 228.0 10.0 285.9 2.0 0
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15 5 3 123 19 -18.9 0.217 -9.000 -9.000 -999. 251. 51.9 0.0340 0.48 0.55 3.27 233.0 10.0 285.4 2.0 0
0.00 76. 1007. 10 ADJ-A1 NoSubs
15 5 3 123 20 -15.9 0.167 -9.000 -9.000 -999. 164. 30.6 0.0280 0.48 1.00 2.64 252.0 10.0 284.9 2.0 0
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15 5 3 123 21 -5.1 0.092 -9.000 -9.000 -999. 69. 13.9 0.0280 0.48 1.00 1.52 266.0 10.0 283.8 2.0 0
0.00 82. 1008. 7 ADJ-A1 NoSubs
15 5 3 123 22 -5.4 0.096 -9.000 -9.000 -999. 71. 14.7 0.0340 0.48 1.00 1.52 239.0 10.0 284.9 2.0 0
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15 5 3 123 23 -11.5 0.142 -9.000 -9.000 -999. 128. 22.3 0.0340 0.48 1.00 2.20 218.0 10.0 284.9 2.0 0
0.00 76. 1008. 10 ADJ-A1 NoSubs
15 5 3 123 24 -5.0 0.091 -9.000 -9.000 -999. 66. 13.6 0.0230 0.48 1.00 1.55 195.0 10.0 284.9 2.0 0
0.00 79. 1008. 10 ADJ-A1 NoSubs
15 5 4 124 1 -5.3 0.094 -9.000 -9.000 -999. 69. 14.0 0.0230 0.48 1.00 1.60 193.0 10.0 284.9 2.0 0
0.00 79. 1008. 10 ADJ-A1 NoSubs
15 5 4 124 2 -18.5 0.187 -9.000 -9.000 -999. 194. 38.3 0.0340 0.48 1.00 2.84 222.0 10.0 284.2 2.0 0
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15 5 4 124 3 -18.9 0.191 -9.000 -9.000 -999. 200. 40.1 0.0340 0.48 1.00 2.90 227.0 10.0 284.2 2.0 0
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15 5 4 124 4 -6.3 0.103 -9.000 -9.000 -999. 82. 15.6 0.0280 0.48 1.00 1.69 250.0 10.0 284.2 2.0 0
0.00 76. 1008. 10 ADJ-A1 NoSubs
15 5 4 124 5 -9.7 0.129 -9.000 -9.000 -999. 111. 19.8 0.0280 0.48 1.00 2.08 243.0 10.0 284.2 2.0 0
0.00 76. 1008. 10 ADJ-A1 NoSubs
15 5 4 124 6 -8.4 0.122 -9.000 -9.000 -999. 102. 19.5 0.0340 0.48 0.60 1.91 238.0 10.0 284.2 2.0 0
0.00 76. 1009. 10 ADJ-A1 NoSubs
15 5 4 124 7 2.2 0.137 0.273 0.005 339. 122. -107.5 0.0340 0.48 0.30 1.86 231.0 10.0 284.2 2.0 0
0.00 76. 1009. 10 ADJ-A1 NoSubs
15 5 4 124 8 13.5 0.171 0.519 0.005 372. 170. -33.2 0.0340 0.48 0.20 2.18 213.0 10.0 284.2 2.0 0
0.00 76. 1010. 10 ADJ-A1 NoSubs
15 5 4 124 9 23.9 0.139 0.654 0.015 423. 124. -10.1 0.0340 0.48 0.17 1.59 238.0 10.0 285.4 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
15 5 4 124 10 32.0 0.190 0.755 0.024 483. 199. -19.3 0.0340 0.48 0.16 2.32 136.0 10.0 285.9 2.0 0
0.00 71. 1010. 10 ADJ-A1 NoSubs
15 5 4 124 11 37.9 0.193 0.831 0.028 546. 204. -17.2 0.0370 0.48 0.16 2.30 167.0 10.0 287.0 2.0 0
0.00 68. 1010. 10 ADJ-A1 NoSubs
15 5 4 124 12 41.0 0.232 0.885 0.029 608. 269. -27.6 0.0230 0.48 0.16 3.15 190.0 10.0 288.1 2.0 0
0.00 63. 1010. 10 ADJ-A1 NoSubs
15 5 4 124 13 138.0 0.352 1.440 0.030 781. 502. -28.5 0.0340 0.48 0.16 4.44 215.0 10.0 287.5 2.0 0
0.00 69. 1010. 7 ADJ-A1 NoSubs
15 5 4 124 14 130.4 0.395 1.468 0.029 875. 595. -42.5 0.0340 0.48 0.16 5.11 210.0 10.0 288.8 2.0 0
0.00 64. 1010. 7 ADJ-A1 NoSubs
15 5 4 124 15 33.4 0.408 0.933 0.029 878. 625. -183.0 0.0340 0.48 0.16 5.62 223.0 10.0 288.1 2.0 0
0.00 66. 1010. 10 ADJ-A1 NoSubs
15 5 4 124 16 89.9 0.314 1.300 0.028 881. 428. -31.0 0.0230 0.48 0.17 4.29 199.0 10.0 289.2 2.0 0
0.00 64. 1009. 7 ADJ-A1 NoSubs
15 5 4 124 17 68.1 0.342 1.187 0.027 884. 480. -52.8 0.0370 0.48 0.20 4.41 174.0 10.0 287.5 2.0 0

0.00 71. 1009. 0 ADJ-A1 NoSubs
15 5 4 124 18 22.7 0.268 0.823 0.027 885. 335. -76.1 0.0300 0.48 0.28 3.66 119.0 10.0 286.4 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
15 5 4 124 19 -20.3 0.251 -9.000 -9.000 -999. 302. 70.0 0.0270 0.48 0.54 3.90 87.0 10.0 284.9 2.0 0
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15 5 4 124 20 -21.1 0.212 -9.000 -9.000 -999. 234. 49.3 0.0300 0.48 1.00 3.27 53.0 10.0 283.8 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
15 5 4 124 21 -15.1 0.162 -9.000 -9.000 -999. 157. 28.8 0.0300 0.48 1.00 2.54 40.0 10.0 283.8 2.0 0
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15 5 4 124 22 -7.4 0.112 -9.000 -9.000 -999. 91. 17.1 0.0300 0.48 1.00 1.81 14.0 10.0 283.8 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
15 5 4 124 23 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0360 0.48 1.00 1.43 351.0 10.0 283.8 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
15 5 4 124 24 -1.9 0.063 -9.000 -9.000 -999. 38. 11.9 0.0310 0.48 1.00 0.82 307.0 10.0 283.8 2.0 0
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15 5 5 125 1 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.48 1.00 0.99 187.0 10.0 283.8 2.0 0
0.00 85. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 2 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.48 1.00 1.33 189.0 10.0 284.2 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 3 -4.7 0.088 -9.000 -9.000 -999. 63. 13.1 0.0230 0.48 1.00 1.50 196.0 10.0 283.8 2.0 0
0.00 85. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 4 -7.1 0.109 -9.000 -9.000 -999. 86. 16.3 0.0230 0.48 1.00 1.84 205.0 10.0 283.8 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
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0.00 79. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 6 -8.4 0.122 -9.000 -9.000 -999. 102. 19.6 0.0340 0.48 0.59 1.91 224.0 10.0 283.8 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 7 2.3 0.142 0.180 0.005 89. 129. -110.7 0.0340 0.48 0.30 1.93 239.0 10.0 284.2 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 8 13.8 0.127 0.583 0.023 516. 109. -13.4 0.0340 0.48 0.20 1.50 219.0 10.0 284.9 2.0 0
0.00 73. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 9 24.4 0.154 0.732 0.024 580. 145. -13.5 0.0370 0.48 0.17 1.79 159.0 10.0 287.0 2.0 0
0.00 63. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 10 32.9 0.233 0.844 0.028 657. 270. -34.6 0.0370 0.48 0.16 2.93 163.0 10.0 289.2 2.0 0
0.00 61. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 11 38.7 0.290 0.894 0.028 666. 375. -56.8 0.0230 0.48 0.16 4.10 184.0 10.0 289.9 2.0 0
0.00 59. 1010. 10 ADJ-A1 NoSubs
15 5 5 125 12 138.5 0.319 1.388 0.028 696. 432. -21.1 0.0230 0.48 0.16 4.24 180.0 10.0 290.4 2.0 0
0.00 57. 1010. 7 ADJ-A1 NoSubs
15 5 5 125 13 171.0 0.383 1.502 0.026 714. 568. -29.5 0.0230 0.48 0.16 5.21 199.0 10.0 289.9 2.0 0
0.00 61. 1010. 0 ADJ-A1 NoSubs
15 5 5 125 14 160.7 0.450 1.481 0.025 728. 725. -51.1 0.0230 0.48 0.16 6.33 195.0 10.0 289.2 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
15 5 5 125 15 139.7 0.346 1.421 0.023 740. 496. -26.7 0.0230 0.48 0.16 4.68 183.0 10.0 289.9 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
15 5 5 125 16 108.7 0.258 1.313 0.023 749. 319. -14.3 0.0300 0.48 0.17 3.15 116.0 10.0 289.9 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
15 5 5 125 17 69.2 0.230 1.133 0.022 755. 265. -15.8 0.0270 0.48 0.20 2.89 84.0 10.0 289.9 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
15 5 5 125 18 23.8 0.202 0.794 0.022 757. 217. -31.0 0.0300 0.48 0.28 2.62 98.0 10.0 288.8 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
15 5 5 125 19 -19.3 0.245 -9.000 -9.000 -999. 292. 68.7 0.0300 0.48 0.54 3.75 50.0 10.0 285.9 2.0 0
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15 5 5 125 20 -20.4 0.206 -9.000 -9.000 -999. 224. 46.5 0.0300 0.48 1.00 3.18 39.0 10.0 284.2 2.0 0

0.00 82. 1009. 5 ADJ-A1 NoSubs
15 5 5 125 21 -7.1 0.110 -9.000 -9.000 -999. 91. 16.7 0.0300 0.48 1.00 1.77 18.0 10.0 283.8 2.0 0
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15 5 5 125 22 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.48 1.00 1.37 316.0 10.0 282.5 2.0 0
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15 5 5 125 23 -5.8 0.098 -9.000 -9.000 -999. 73. 14.6 0.0250 0.48 1.00 1.64 290.0 10.0 282.0 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
15 5 5 125 24 -1.4 0.060 -9.000 -9.000 -999. 35. 13.7 0.0360 0.48 1.00 0.63 341.0 10.0 280.9 2.0 0
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15 5 6 126 1 -3.4 0.076 -9.000 -9.000 -999. 51. 11.9 0.0310 0.48 1.00 1.20 305.0 10.0 280.9 2.0 0
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15 5 6 126 2 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0360 0.48 1.00 0.87 338.0 10.0 281.4 2.0 0
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15 5 6 126 3 -2.6 0.068 -9.000 -9.000 -999. 43. 11.0 0.0250 0.48 1.00 1.06 295.0 10.0 282.5 2.0 0
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15 5 6 126 4 -1.9 0.062 -9.000 -9.000 -999. 37. 11.7 0.0280 0.48 1.00 0.82 242.0 10.0 282.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
15 5 6 126 5 -1.9 0.063 -9.000 -9.000 -999. 38. 12.3 0.0370 0.48 1.00 0.79 173.0 10.0 283.1 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
15 5 6 126 6 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0340 0.48 0.58 1.11 234.0 10.0 283.1 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
15 5 6 126 7 2.5 0.087 0.322 0.016 475. 61. -23.3 0.0370 0.48 0.29 1.06 159.0 10.0 284.2 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
15 5 6 126 8 14.1 0.141 0.595 0.020 536. 128. -18.1 0.0340 0.48 0.20 1.72 220.0 10.0 285.4 2.0 0
0.00 66. 1007. 10 ADJ-A1 NoSubs
15 5 6 126 9 24.4 0.196 0.716 0.020 541. 208. -27.8 0.0230 0.48 0.17 2.66 181.0 10.0 286.4 2.0 0
0.00 64. 1007. 10 ADJ-A1 NoSubs
15 5 6 126 10 32.8 0.152 0.793 0.020 547. 143. -9.7 0.0340 0.48 0.16 1.74 139.0 10.0 288.1 2.0 0
0.00 59. 1007. 10 ADJ-A1 NoSubs
15 5 6 126 11 38.4 0.274 0.840 0.020 554. 345. -48.2 0.0370 0.48 0.16 3.52 166.0 10.0 288.1 2.0 0
0.00 61. 1007. 10 ADJ-A1 NoSubs
15 5 6 126 12 41.4 0.266 0.865 0.020 562. 329. -40.7 0.0230 0.48 0.16 3.69 193.0 10.0 288.8 2.0 0
0.00 59. 1007. 10 ADJ-A1 NoSubs
15 5 6 126 13 165.3 0.313 1.396 0.020 591. 421. -16.7 0.0230 0.48 0.16 4.08 187.0 10.0 289.2 2.0 0
0.00 59. 1006. 5 ADJ-A1 NoSubs
15 5 6 126 14 161.3 0.331 1.406 0.018 619. 458. -20.3 0.0230 0.48 0.16 4.39 200.0 10.0 289.9 2.0 0
0.00 57. 1006. 0 ADJ-A1 NoSubs
15 5 6 126 15 140.0 0.342 1.392 0.020 692. 479. -25.5 0.0370 0.48 0.16 4.20 177.0 10.0 289.2 2.0 0
0.00 57. 1006. 0 ADJ-A1 NoSubs
15 5 6 126 16 108.7 0.304 1.298 0.019 722. 403. -23.2 0.0370 0.48 0.17 3.71 170.0 10.0 288.1 2.0 0
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15 5 6 126 17 59.5 0.331 1.069 0.019 738. 456. -54.4 0.0340 0.48 0.20 4.34 129.0 10.0 287.0 2.0 0
0.00 71. 1005. 7 ADJ-A1 NoSubs
15 5 6 126 18 27.8 0.302 0.833 0.019 745. 398. -88.4 0.0300 0.48 0.28 4.15 102.0 10.0 285.9 2.0 0
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15 5 6 126 19 -17.1 0.220 -9.000 -9.000 -999. 251. 56.1 0.0270 0.48 0.53 3.44 84.0 10.0 285.4 2.0 0
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15 5 6 126 21 -16.2 0.169 -9.000 -9.000 -999. 166. 31.3 0.0300 0.48 1.00 2.64 41.0 10.0 283.8 2.0 0
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0.00 82. 1005. 10 ADJ-A1 NoSubs
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0.00 86. 1004. 10 ADJ-A1 NoSubs
15 5 7 127 2 -3.1 0.073 -9.000 -9.000 -999. 48. 11.3 0.0250 0.48 1.00 1.18 277.0 10.0 283.1 2.0 0
0.00 86. 1004. 10 ADJ-A1 NoSubs
15 5 7 127 3 -7.9 0.116 -9.000 -9.000 -999. 95. 17.6 0.0280 0.48 1.00 1.89 269.0 10.0 283.1 2.0 0
0.00 82. 1004. 10 ADJ-A1 NoSubs
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15 5 7 127 5 -12.4 0.145 -9.000 -9.000 -999. 133. 23.2 0.0230 0.48 1.00 2.40 188.0 10.0 283.1 2.0 0
0.00 79. 1003. 10 ADJ-A1 NoSubs
15 5 7 127 6 -5.3 0.095 -9.000 -9.000 -999. 71. 14.8 0.0230 0.48 0.58 1.62 205.0 10.0 283.8 2.0 0
0.00 76. 1003. 10 ADJ-A1 NoSubs
15 5 7 127 7 2.7 0.078 0.128 0.007 28. 52. -15.6 0.0280 0.48 0.29 0.97 256.0 10.0 284.2 2.0 0
0.00 71. 1003. 10 ADJ-A1 NoSubs
15 5 7 127 8 14.2 0.106 0.497 0.009 308. 83. -7.5 0.0230 0.48 0.20 1.28 209.0 10.0 285.4 2.0 0
0.00 66. 1003. 10 ADJ-A1 NoSubs
15 5 7 127 9 86.5 0.189 1.007 0.013 422. 197. -7.0 0.0340 0.48 0.17 2.08 224.0 10.0 283.8 2.0 11
0.30 82. 1003. 7 ADJ-A1 NoSubs
15 5 7 127 10 112.0 0.156 1.116 0.012 445. 149. -3.1 0.0300 0.48 0.16 1.59 109.0 10.0 286.4 2.0 0
0.00 69. 1003. 7 ADJ-A1 NoSubs
15 5 7 127 11 38.0 0.280 0.783 0.011 452. 356. -51.8 0.0370 0.48 0.16 3.61 176.0 10.0 285.9 2.0 0
0.00 73. 1003. 10 ADJ-A1 NoSubs
15 5 7 127 12 40.5 0.241 0.812 0.011 472. 284. -30.8 0.0340 0.48 0.16 3.05 214.0 10.0 284.2 2.0 11
0.80 86. 1004. 10 ADJ-A1 NoSubs
15 5 7 127 13 40.8 0.219 0.843 0.010 525. 246. -23.1 0.0340 0.48 0.16 2.72 216.0 10.0 284.9 2.0 0
0.00 85. 1003. 10 ADJ-A1 NoSubs
15 5 7 127 14 155.6 0.300 1.441 0.009 688. 394. -15.5 0.0340 0.48 0.16 3.59 220.0 10.0 286.4 2.0 0
0.00 80. 1003. 5 ADJ-A1 NoSubs
15 5 7 127 15 33.3 0.261 0.877 0.008 724. 321. -47.9 0.0230 0.48 0.16 3.66 206.0 10.0 286.4 2.0 0
0.00 74. 1003. 10 ADJ-A1 NoSubs
15 5 7 127 16 25.0 0.279 0.806 0.008 749. 354. -77.6 0.0340 0.48 0.17 3.73 227.0 10.0 283.8 2.0 11
2.30 92. 1003. 10 ADJ-A1 NoSubs
15 5 7 127 17 15.3 0.220 0.690 0.008 769. 249. -62.3 0.0340 0.48 0.19 2.91 227.0 10.0 284.2 2.0 11
1.30 92. 1003. 10 ADJ-A1 NoSubs
15 5 7 127 18 4.0 0.106 0.443 0.008 773. 91. -26.8 0.0230 0.48 0.27 1.44 184.0 10.0 284.2 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
15 5 7 127 19 -5.8 0.111 -9.000 -9.000 -999. 89. 21.2 0.0280 0.48 0.52 1.79 265.0 10.0 283.8 2.0 0
0.00 92. 1004. 5 ADJ-A1 NoSubs
15 5 7 127 20 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0300 0.48 1.00 1.26 19.0 10.0 283.8 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
15 5 7 127 21 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.48 1.00 1.33 319.0 10.0 283.8 2.0 0
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15 5 7 127 22 -9.2 0.126 -9.000 -9.000 -999. 107. 19.3 0.0300 0.48 1.00 2.01 106.0 10.0 283.8 2.0 0
0.00 92. 1005. 5 ADJ-A1 NoSubs
15 5 7 127 23 -4.0 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.48 1.00 1.38 197.0 10.0 283.8 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
15 5 7 127 24 -6.2 0.102 -9.000 -9.000 -999. 79. 15.5 0.0310 0.48 1.00 1.65 324.0 10.0 283.1 2.0 0
0.00 92. 1004. 7 ADJ-A1 NoSubs
15 5 8 128 1 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0360 0.48 1.00 1.06 356.0 10.0 283.8 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
15 5 8 128 2 -3.3 0.076 -9.000 -9.000 -999. 50. 12.1 0.0360 0.48 1.00 1.16 333.0 10.0 283.1 2.0 0

0.00 96. 1004. 10 ADJ-A1 NoSubs
15 5 8 128 3 -2.5 0.069 -9.000 -9.000 -999. 44. 11.7 0.0360 0.48 1.00 0.99 337.0 10.0 283.8 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
15 5 8 128 4 -4.8 0.090 -9.000 -9.000 -999. 65. 13.9 0.0360 0.48 1.00 1.42 338.0 10.0 283.1 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
15 5 8 128 5 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0310 0.48 1.00 1.25 318.0 10.0 283.8 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
15 5 8 128 6 -3.2 0.076 -9.000 -9.000 -999. 50. 12.3 0.0310 0.48 0.57 1.21 317.0 10.0 283.8 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
15 5 8 128 7 3.0 0.085 0.204 0.009 103. 60. -18.8 0.0360 0.48 0.29 1.03 332.0 10.0 284.9 2.0 0
0.00 85. 1006. 10 ADJ-A1 NoSubs
15 5 8 128 8 14.4 0.171 0.436 0.012 206. 170. -31.4 0.0370 0.48 0.20 2.14 157.0 10.0 285.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
15 5 8 128 9 24.5 0.235 0.598 0.013 312. 273. -47.3 0.0370 0.48 0.17 3.01 179.0 10.0 285.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
15 5 8 128 10 32.8 0.246 0.723 0.013 414. 293. -40.9 0.0230 0.48 0.16 3.42 187.0 10.0 287.0 2.0 0
0.00 71. 1007. 10 ADJ-A1 NoSubs
15 5 8 128 11 130.1 0.232 1.201 0.012 479. 268. -8.6 0.0230 0.48 0.16 2.84 182.0 10.0 288.8 2.0 0
0.00 64. 1008. 7 ADJ-A1 NoSubs
15 5 8 128 12 41.6 0.297 0.828 0.011 491. 389. -56.7 0.0340 0.48 0.16 3.91 215.0 10.0 288.8 2.0 0
0.00 64. 1008. 10 ADJ-A1 NoSubs
15 5 8 128 13 166.1 0.362 1.380 0.010 569. 523. -25.7 0.0340 0.48 0.16 4.53 223.0 10.0 289.9 2.0 0
0.00 61. 1008. 5 ADJ-A1 NoSubs
15 5 8 128 14 156.6 0.373 1.404 0.008 636. 546. -29.7 0.0340 0.48 0.16 4.71 224.0 10.0 289.2 2.0 0
0.00 61. 1008. 5 ADJ-A1 NoSubs
15 5 8 128 15 140.8 0.377 1.393 0.007 690. 556. -34.3 0.0340 0.48 0.16 4.82 213.0 10.0 289.2 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
15 5 8 128 16 109.7 0.332 1.309 0.006 735. 461. -30.1 0.0230 0.48 0.17 4.53 196.0 10.0 288.8 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
15 5 8 128 17 71.3 0.357 1.151 0.006 770. 512. -57.4 0.0340 0.48 0.19 4.70 218.0 10.0 287.0 2.0 0
0.00 71. 1009. 5 ADJ-A1 NoSubs
15 5 8 128 18 25.0 0.319 0.815 0.006 780. 434. -117.3 0.0340 0.48 0.27 4.34 221.0 10.0 285.4 2.0 0
0.00 80. 1009. 7 ADJ-A1 NoSubs
15 5 8 128 19 -17.6 0.214 -9.000 -9.000 -999. 243. 50.4 0.0340 0.48 0.52 3.22 225.0 10.0 285.4 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
15 5 8 128 20 -14.3 0.159 -9.000 -9.000 -999. 153. 27.7 0.0340 0.48 1.00 2.44 226.0 10.0 285.4 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
15 5 8 128 21 -9.5 0.127 -9.000 -9.000 -999. 109. 19.6 0.0280 0.48 1.00 2.06 246.0 10.0 285.4 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
15 5 8 128 22 -7.7 0.115 -9.000 -9.000 -999. 93. 17.8 0.0340 0.48 1.00 1.81 214.0 10.0 284.9 2.0 0
0.00 82. 1012. 10 ADJ-A1 NoSubs
15 5 8 128 23 -9.5 0.127 -9.000 -9.000 -999. 109. 19.6 0.0280 0.48 1.00 2.06 240.0 10.0 284.9 2.0 0
0.00 82. 1012. 10 ADJ-A1 NoSubs
15 5 8 128 24 -9.2 0.124 -9.000 -9.000 -999. 105. 18.8 0.0230 0.48 1.00 2.08 209.0 10.0 284.9 2.0 0
0.00 82. 1012. 10 ADJ-A1 NoSubs
15 5 9 129 1 -10.4 0.132 -9.000 -9.000 -999. 115. 20.1 0.0230 0.48 1.00 2.20 195.0 10.0 284.9 2.0 0
0.00 85. 1012. 10 ADJ-A1 NoSubs
15 5 9 129 2 -13.5 0.154 -9.000 -9.000 -999. 145. 26.0 0.0340 0.48 1.00 2.37 219.0 10.0 284.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
15 5 9 129 3 -12.5 0.148 -9.000 -9.000 -999. 136. 23.9 0.0340 0.48 1.00 2.28 225.0 10.0 284.2 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
15 5 9 129 4 -11.0 0.138 -9.000 -9.000 -999. 124. 21.7 0.0340 0.48 1.00 2.15 218.0 10.0 284.2 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
15 5 9 129 5 -9.7 0.128 -9.000 -9.000 -999. 109. 19.3 0.0230 0.48 1.00 2.13 196.0 10.0 284.2 2.0 0

0.00 82. 1013. 10 ADJ-A1 NoSubs
15 5 9 129 6 -11.7 0.147 -9.000 -9.000 -999. 135. 24.6 0.0370 0.48 0.56 2.23 169.0 10.0 284.2 2.0 0
0.00 82. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 7 3.0 0.170 0.293 0.005 302. 169. -148.7 0.0370 0.48 0.29 2.30 151.0 10.0 284.2 2.0 0
0.00 82. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 8 14.4 0.162 0.525 0.007 363. 156. -26.5 0.0340 0.48 0.20 2.03 142.0 10.0 284.9 2.0 0
0.00 79. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 9 24.5 0.157 0.673 0.009 448. 150. -14.4 0.0370 0.48 0.17 1.84 155.0 10.0 285.4 2.0 0
0.00 76. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 10 32.7 0.188 0.780 0.012 524. 196. -18.4 0.0370 0.48 0.16 2.25 170.0 10.0 286.4 2.0 0
0.00 71. 1015. 10 ADJ-A1 NoSubs
15 5 9 129 11 38.3 0.177 0.859 0.014 599. 179. -13.1 0.0230 0.48 0.16 2.26 186.0 10.0 286.4 2.0 0
0.00 74. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 12 41.3 0.197 0.915 0.016 670. 210. -16.8 0.0230 0.48 0.16 2.57 208.0 10.0 287.0 2.0 0
0.00 71. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 13 41.8 0.284 0.948 0.018 737. 363. -49.6 0.0340 0.48 0.16 3.71 230.0 10.0 288.8 2.0 0
0.00 66. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 14 39.1 0.352 0.951 0.021 795. 500. -100.3 0.0340 0.48 0.16 4.75 228.0 10.0 288.1 2.0 0
0.00 71. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 15 33.7 0.376 0.915 0.023 819. 553. -142.1 0.0340 0.48 0.16 5.14 234.0 10.0 287.5 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
15 5 9 129 16 25.9 0.370 0.839 0.023 823. 541. -177.1 0.0340 0.48 0.17 5.10 230.0 10.0 287.0 2.0 0
0.00 74. 1013. 10 ADJ-A1 NoSubs
15 5 9 129 17 16.0 0.299 0.715 0.023 825. 395. -151.4 0.0340 0.48 0.19 4.10 218.0 10.0 286.4 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
15 5 9 129 18 4.5 0.252 0.469 0.023 825. 304. -318.8 0.0340 0.48 0.27 3.51 210.0 10.0 285.4 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
15 5 9 129 19 -15.9 0.194 -9.000 -9.000 -999. 206. 41.5 0.0230 0.48 0.51 3.13 199.0 10.0 284.9 2.0 0
0.00 85. 1013. 10 ADJ-A1 NoSubs
15 5 9 129 20 -18.8 0.189 -9.000 -9.000 -999. 197. 39.3 0.0370 0.48 1.00 2.83 156.0 10.0 284.9 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
15 5 9 129 21 -12.4 0.147 -9.000 -9.000 -999. 135. 23.7 0.0340 0.48 1.00 2.27 131.0 10.0 284.2 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 22 -11.2 0.139 -9.000 -9.000 -999. 124. 21.5 0.0300 0.48 1.00 2.20 100.0 10.0 284.2 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 23 -5.7 0.098 -9.000 -9.000 -999. 74. 14.8 0.0300 0.48 1.00 1.59 57.0 10.0 284.2 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
15 5 9 129 24 -9.1 0.124 -9.000 -9.000 -999. 105. 19.1 0.0300 0.48 1.00 1.99 48.0 10.0 284.2 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
15 5 10 130 1 -4.4 0.086 -9.000 -9.000 -999. 61. 13.3 0.0340 0.48 1.00 1.37 144.0 10.0 284.2 2.0 0
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15 5 10 130 2 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0280 0.48 1.00 1.38 253.0 10.0 283.8 2.0 0
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15 5 10 130 3 -2.7 0.070 -9.000 -9.000 -999. 44. 11.6 0.0340 0.48 1.00 1.03 236.0 10.0 283.8 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
15 5 10 130 4 -3.3 0.076 -9.000 -9.000 -999. 50. 11.7 0.0280 0.48 1.00 1.21 267.0 10.0 283.8 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
15 5 10 130 5 -5.2 0.094 -9.000 -9.000 -999. 69. 14.1 0.0280 0.48 1.00 1.54 240.0 10.0 283.8 2.0 0
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15 5 10 130 6 -2.7 0.071 -9.000 -9.000 -999. 45. 11.9 0.0340 0.48 0.55 1.09 222.0 10.0 283.8 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
15 5 10 130 7 3.1 0.093 0.306 0.014 337. 69. -24.0 0.0280 0.48 0.28 1.21 250.0 10.0 283.8 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
15 5 10 130 8 14.6 0.107 0.533 0.015 375. 85. -7.7 0.0250 0.48 0.20 1.28 299.0 10.0 284.9 2.0 0

0.00 85. 1013. 10 ADJ-A1 NoSubs
15 5 10 130 9 24.7 0.132 0.666 0.017 433. 115. -8.4 0.0280 0.48 0.17 1.55 264.0 10.0 285.4 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
15 5 10 130 10 33.0 0.140 0.770 0.022 500. 125. -7.4 0.0340 0.48 0.16 1.55 232.0 10.0 287.0 2.0 0
0.00 74. 1013. 10 ADJ-A1 NoSubs
15 5 10 130 11 130.9 0.230 1.346 0.029 674. 265. -8.4 0.0230 0.48 0.16 2.81 209.0 10.0 289.2 2.0 0
0.00 69. 1013. 7 ADJ-A1 NoSubs
15 5 10 130 12 172.1 0.328 1.491 0.028 697. 452. -18.6 0.0230 0.48 0.16 4.32 203.0 10.0 289.2 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
15 5 10 130 13 172.7 0.302 1.508 0.027 718. 398. -14.4 0.0230 0.48 0.16 3.88 194.0 10.0 289.2 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
15 5 10 130 14 162.9 0.311 1.495 0.025 741. 416. -16.6 0.0370 0.48 0.16 3.68 179.0 10.0 290.4 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
15 5 10 130 15 141.9 0.308 1.444 0.024 767. 410. -18.5 0.0370 0.48 0.16 3.68 167.0 10.0 290.4 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
15 5 10 130 16 111.0 0.289 1.342 0.022 786. 374. -19.7 0.0340 0.48 0.17 3.54 133.0 10.0 290.4 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
15 5 10 130 17 71.6 0.288 1.165 0.022 797. 370. -30.0 0.0300 0.48 0.19 3.73 114.0 10.0 289.2 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
15 5 10 130 18 26.2 0.317 0.835 0.022 801. 428. -109.5 0.0270 0.48 0.27 4.48 85.0 10.0 287.0 2.0 0
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15 5 10 130 19 -20.8 0.289 -9.000 -9.000 -999. 374. 104.9 0.0270 0.48 0.51 4.46 88.0 10.0 285.4 2.0 0
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15 5 10 130 20 -23.1 0.232 -9.000 -9.000 -999. 270. 59.4 0.0270 0.48 1.00 3.64 71.0 10.0 284.9 2.0 0
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15 5 10 130 21 -16.9 0.172 -9.000 -9.000 -999. 173. 32.6 0.0300 0.48 1.00 2.69 51.0 10.0 284.2 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 5 10 130 22 -8.8 0.122 -9.000 -9.000 -999. 103. 18.8 0.0300 0.48 1.00 1.96 30.0 10.0 283.8 2.0 0
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15 5 10 130 23 -7.9 0.116 -9.000 -9.000 -999. 94. 17.7 0.0300 0.48 1.00 1.86 42.0 10.0 284.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 5 10 130 24 -8.6 0.121 -9.000 -9.000 -999. 101. 18.6 0.0300 0.48 1.00 1.94 39.0 10.0 284.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 5 11 131 1 -5.3 0.094 -9.000 -9.000 -999. 69. 14.3 0.0300 0.48 1.00 1.53 26.0 10.0 284.2 2.0 0
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15 5 11 131 2 -2.9 0.072 -9.000 -9.000 -999. 46. 11.5 0.0300 0.48 1.00 1.11 18.0 10.0 284.2 2.0 0
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15 5 11 131 4 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0270 0.48 1.00 1.45 74.0 10.0 284.2 2.0 0
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15 5 11 131 6 -2.9 0.073 -9.000 -9.000 -999. 47. 12.0 0.0300 0.48 0.55 1.16 33.0 10.0 284.2 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 5 11 131 7 3.4 0.082 0.248 0.019 159. 56. -14.3 0.0360 0.48 0.28 0.96 352.0 10.0 284.9 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
15 5 11 131 8 14.8 0.165 0.486 0.019 278. 160. -27.2 0.0280 0.48 0.20 2.15 265.0 10.0 285.4 2.0 0
0.00 76. 1010. 10 ADJ-A1 NoSubs
15 5 11 131 9 25.0 0.140 0.657 0.019 408. 126. -9.9 0.0230 0.48 0.17 1.74 196.0 10.0 286.4 2.0 0
0.00 71. 1010. 10 ADJ-A1 NoSubs
15 5 11 131 10 33.3 0.170 0.760 0.020 474. 168. -13.2 0.0340 0.48 0.16 2.00 131.0 10.0 288.1 2.0 0
0.00 68. 1010. 10 ADJ-A1 NoSubs
15 5 11 131 11 155.7 0.268 1.317 0.018 529. 333. -11.1 0.0370 0.48 0.16 3.05 168.0 10.0 288.1 2.0 0

0.00 66. 1010. 5 ADJ-A1 NoSubs
15 5 11 131 12 174.9 0.314 1.406 0.015 573. 422. -15.9 0.0230 0.48 0.16 4.07 188.0 10.0 289.9 2.0 0
0.00 61. 1010. 3 ADJ-A1 NoSubs
15 5 11 131 13 173.6 0.288 1.415 0.013 588. 372. -12.4 0.0230 0.48 0.16 3.66 193.0 10.0 291.4 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
15 5 11 131 14 163.9 0.295 1.399 0.011 602. 384. -14.0 0.0230 0.48 0.16 3.78 194.0 10.0 292.5 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
15 5 11 131 15 142.6 0.415 1.345 0.005 613. 641. -45.0 0.0340 0.48 0.16 5.39 217.0 10.0 291.4 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
15 5 11 131 16 111.9 0.364 1.247 0.008 622. 528. -38.6 0.0340 0.48 0.17 4.68 227.0 10.0 292.0 2.0 0
0.00 51. 1007. 0 ADJ-A1 NoSubs
15 5 11 131 17 72.8 0.373 1.084 0.007 628. 547. -64.0 0.0340 0.48 0.19 4.94 229.0 10.0 292.0 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
15 5 11 131 18 27.2 0.348 0.781 0.007 629. 492. -138.8 0.0280 0.48 0.27 4.92 249.0 10.0 288.8 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
15 5 11 131 19 -17.1 0.247 -9.000 -9.000 -999. 300. 79.1 0.0280 0.48 0.50 3.81 247.0 10.0 286.4 2.0 0
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15 5 11 131 20 -13.6 0.154 -9.000 -9.000 -999. 149. 26.0 0.0280 0.48 1.00 2.45 257.0 10.0 284.9 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
15 5 11 131 21 -12.4 0.147 -9.000 -9.000 -999. 135. 23.7 0.0300 0.48 1.00 2.32 7.0 10.0 284.2 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
15 5 11 131 22 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0360 0.48 1.00 1.74 331.0 10.0 283.1 2.0 0
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15 5 11 131 23 -2.5 0.068 -9.000 -9.000 -999. 43. 11.0 0.0250 0.48 1.00 1.04 294.0 10.0 280.9 2.0 0
0.00 85. 1008. 0 ADJ-A1 NoSubs
15 5 11 131 24 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.48 1.00 1.25 6.0 10.0 280.4 2.0 0
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15 5 12 132 1 -4.0 0.082 -9.000 -9.000 -999. 56. 12.5 0.0310 0.48 1.00 1.31 318.0 10.0 280.4 2.0 0
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15 5 12 132 2 -8.4 0.120 -9.000 -9.000 -999. 99. 18.3 0.0310 0.48 1.00 1.91 310.0 10.0 280.4 2.0 0
0.00 85. 1007. 0 ADJ-A1 NoSubs
15 5 12 132 3 -9.1 0.124 -9.000 -9.000 -999. 105. 19.0 0.0310 0.48 1.00 1.98 307.0 10.0 279.9 2.0 0
0.00 88. 1007. 0 ADJ-A1 NoSubs
15 5 12 132 4 -9.4 0.126 -9.000 -9.000 -999. 108. 19.3 0.0310 0.48 1.00 2.01 309.0 10.0 279.2 2.0 0
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15 5 12 132 5 -8.6 0.121 -9.000 -9.000 -999. 101. 18.4 0.0310 0.48 1.00 1.93 313.0 10.0 278.8 2.0 0
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15 5 12 132 7 21.4 0.116 0.573 0.009 315. 95. -6.6 0.0360 0.48 0.28 1.26 344.0 10.0 282.5 2.0 0
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15 5 12 132 9 107.2 0.140 1.217 0.013 606. 125. -2.3 0.0250 0.48 0.17 1.42 290.0 10.0 287.0 2.0 0
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15 5 12 132 11 162.1 0.322 1.476 0.011 715. 439. -18.6 0.0230 0.48 0.16 4.24 181.0 10.0 291.4 2.0 0
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15 5 12 132 12 173.4 0.436 1.535 0.010 751. 691. -43.0 0.0230 0.48 0.16 6.07 205.0 10.0 291.4 2.0 0
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15 5 12 132 17 72.2 0.524 1.288 0.007 1065. 908. -178.8 0.0340 0.48 0.19 7.21 218.0 10.0 287.5 2.0 0
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15 5 12 132 20 -18.1 0.184 -9.000 -9.000 -999. 189. 37.1 0.0280 0.48 1.00 2.89 263.0 10.0 286.4 2.0 0
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15 5 13 133 1 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0360 0.48 1.00 1.59 359.0 10.0 283.1 2.0 0
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15 5 13 133 3 -7.1 0.109 -9.000 -9.000 -999. 87. 16.6 0.0300 0.48 1.00 1.77 94.0 10.0 281.4 2.0 0
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15 5 13 133 6 -2.3 0.066 -9.000 -9.000 -999. 40. 11.3 0.0250 0.48 0.54 1.06 275.0 10.0 280.9 2.0 0
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15 5 13 133 7 22.0 0.081 0.708 0.009 579. 55. -2.2 0.0250 0.48 0.28 0.82 270.0 10.0 282.5 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
15 5 13 133 8 71.2 0.121 1.081 0.008 640. 101. -2.2 0.0230 0.48 0.20 1.25 206.0 10.0 285.9 2.0 0
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15 5 13 133 9 107.6 0.280 1.268 0.007 682. 356. -18.4 0.0230 0.48 0.17 3.68 203.0 10.0 287.0 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
15 5 13 133 10 114.1 0.345 1.306 0.006 705. 487. -32.5 0.0230 0.48 0.16 4.73 203.0 10.0 287.0 2.0 0
0.00 66. 1010. 7 ADJ-A1 NoSubs
15 5 13 133 11 131.9 0.410 1.391 0.005 736. 630. -47.1 0.0340 0.48 0.16 5.34 212.0 10.0 289.9 2.0 0
0.00 57. 1010. 7 ADJ-A1 NoSubs
15 5 13 133 12 41.9 0.399 0.959 0.005 758. 605. -136.6 0.0340 0.48 0.16 5.45 219.0 10.0 288.1 2.0 0
0.00 61. 1010. 10 ADJ-A1 NoSubs
15 5 13 133 13 173.7 0.441 1.671 0.008 969. 703. -44.6 0.0340 0.48 0.16 5.73 220.0 10.0 289.2 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
15 5 13 133 14 163.5 0.437 1.681 0.008 1048. 693. -45.8 0.0340 0.48 0.16 5.68 220.0 10.0 288.8 2.0 0
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15 5 13 133 15 142.6 0.381 1.691 0.008 1221. 566. -34.8 0.0280 0.48 0.16 5.05 244.0 10.0 288.8 2.0 0
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15 5 13 133 16 111.9 0.357 1.569 0.007 1244. 513. -36.6 0.0340 0.48 0.17 4.58 232.0 10.0 288.8 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
15 5 13 133 17 72.6 0.365 1.364 0.007 1257. 529. -60.3 0.0340 0.48 0.19 4.82 225.0 10.0 287.5 2.0 0

0.00 66. 1009. 0 ADJ-A1 NoSubs
15 5 13 133 18 27.7 0.315 0.991 0.007 1262. 426. -101.5 0.0340 0.48 0.26 4.26 234.0 10.0 286.4 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
15 5 13 133 19 -14.2 0.212 -9.000 -9.000 -999. 240. 60.4 0.0340 0.48 0.49 3.18 237.0 10.0 284.9 2.0 0
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15 5 13 133 20 -7.9 0.116 -9.000 -9.000 -999. 99. 17.7 0.0280 0.48 1.00 1.89 260.0 10.0 284.2 2.0 0
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15 5 13 133 21 -2.4 0.067 -9.000 -9.000 -999. 42. 11.0 0.0250 0.48 1.00 1.01 298.0 10.0 283.1 2.0 0
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15 5 13 133 22 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0310 0.48 1.00 1.76 314.0 10.0 282.5 2.0 0
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15 5 13 133 23 -4.5 0.087 -9.000 -9.000 -999. 62. 13.5 0.0360 0.48 1.00 1.37 341.0 10.0 282.5 2.0 0
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15 5 14 134 2 -3.8 0.080 -9.000 -9.000 -999. 55. 12.4 0.0310 0.48 1.00 1.28 314.0 10.0 283.1 2.0 0
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15 5 14 134 6 -5.2 0.105 -9.000 -9.000 -999. 82. 20.0 0.0310 0.48 0.53 1.67 311.0 10.0 284.2 2.0 0
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15 5 14 134 7 27.6 0.104 0.743 0.005 532. 81. -3.7 0.0310 0.48 0.28 1.08 325.0 10.0 285.4 2.0 0
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15 5 14 134 8 71.8 0.118 1.159 0.005 779. 98. -2.1 0.0300 0.48 0.20 1.13 104.0 10.0 286.4 2.0 0
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15 5 14 134 9 89.9 0.155 1.319 0.005 917. 147. -3.7 0.0340 0.48 0.17 1.57 210.0 10.0 287.5 2.0 0
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15 5 14 134 11 164.5 0.438 1.790 0.005 1253. 696. -45.9 0.0340 0.48 0.16 5.70 220.0 10.0 288.8 2.0 0
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15 5 14 134 12 41.8 0.448 1.147 0.005 1294. 719. -192.7 0.0340 0.48 0.16 6.18 220.0 10.0 287.5 2.0 0
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15 5 14 134 13 42.1 0.388 1.162 0.005 1337. 582. -124.1 0.0340 0.48 0.16 5.28 228.0 10.0 288.1 2.0 0
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15 5 14 134 15 34.2 0.333 1.127 0.005 1501. 461. -96.5 0.0340 0.48 0.16 4.49 238.0 10.0 287.5 2.0 0
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15 5 14 134 16 26.4 0.227 1.041 0.005 1527. 265. -39.4 0.0280 0.48 0.17 3.03 244.0 10.0 287.0 2.0 0
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15 5 14 134 17 16.6 0.241 0.894 0.005 1542. 284. -75.7 0.0340 0.48 0.19 3.22 237.0 10.0 286.4 2.0 0
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15 5 14 134 18 28.3 0.247 1.074 0.005 1570. 295. -47.8 0.0340 0.48 0.26 3.22 221.0 10.0 286.4 2.0 0
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15 5 14 134 21 -1.3 0.059 -9.000 -9.000 -999. 35. 13.5 0.0310 0.48 1.00 0.63 302.0 10.0 283.8 2.0 0
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15 5 14 134 22 -2.8 0.071 -9.000 -9.000 -999. 45. 11.3 0.0280 0.48 1.00 1.09 260.0 10.0 283.1 2.0 0
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15 5 15 135 3 -4.8 0.090 -9.000 -9.000 -999. 65. 13.6 0.0310 0.48 1.00 1.45 313.0 10.0 282.0 2.0 0
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15 5 15 135 5 -7.9 0.116 -9.000 -9.000 -999. 95. 17.7 0.0310 0.48 1.00 1.86 300.0 10.0 280.9 2.0 0
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15 5 15 135 7 23.5 0.151 0.631 0.005 384. 141. -13.2 0.0360 0.48 0.28 1.76 360.0 10.0 284.9 2.0 0
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15 5 15 135 8 68.7 0.134 1.065 0.007 632. 118. -3.2 0.0340 0.48 0.20 1.33 125.0 10.0 286.4 2.0 0
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15 5 15 135 9 90.6 0.216 1.274 0.007 821. 242. -10.1 0.0370 0.48 0.17 2.44 163.0 10.0 289.1 2.0 0
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15 5 15 135 10 140.4 0.327 1.489 0.006 848. 448. -22.3 0.0230 0.48 0.16 4.36 201.0 10.0 288.8 2.0 0
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15 5 15 135 11 157.4 0.392 1.564 0.005 877. 588. -34.3 0.0340 0.48 0.16 5.00 221.0 10.0 289.9 2.0 0
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15 5 15 135 12 168.1 0.422 1.662 0.005 984. 657. -40.1 0.0340 0.48 0.16 5.44 230.0 10.0 290.9 2.0 0
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15 5 15 135 13 141.8 0.429 1.616 0.005 1072. 673. -50.0 0.0340 0.48 0.16 5.60 229.0 10.0 290.9 2.0 0
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15 5 15 135 14 164.9 0.406 1.778 0.005 1228. 622. -36.6 0.0340 0.48 0.16 5.21 214.0 10.0 291.4 2.0 0
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15 5 15 135 15 144.0 0.355 1.768 0.005 1382. 510. -28.0 0.0230 0.48 0.16 4.82 208.0 10.0 291.4 2.0 0
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15 5 15 135 16 113.4 0.258 1.664 0.005 1462. 319. -13.6 0.0230 0.48 0.17 3.30 208.0 10.0 291.4 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
15 5 15 135 17 74.6 0.201 1.458 0.005 1495. 217. -9.8 0.0340 0.48 0.19 2.30 149.0 10.0 291.4 2.0 0
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15 5 15 135 18 29.4 0.297 1.072 0.005 1503. 389. -80.1 0.0270 0.48 0.26 4.15 70.0 10.0 289.2 2.0 0
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15 5 16 136 7 4.1 0.087 0.364 0.008 420. 61. -14.2 0.0270 0.48 0.27 1.08 89.0 10.0 284.9 2.0 0
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15 5 16 136 8 15.5 0.097 0.580 0.008 451. 72. -5.3 0.0300 0.48 0.19 1.06 96.0 10.0 285.9 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
15 5 16 136 9 25.8 0.135 0.710 0.009 500. 119. -8.6 0.0270 0.48 0.17 1.60 63.0 10.0 287.5 2.0 0
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15 5 16 136 10 33.8 0.200 0.805 0.010 557. 215. -21.4 0.0340 0.48 0.16 2.47 146.0 10.0 288.1 2.0 0
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15 5 16 136 11 39.6 0.254 0.879 0.010 618. 307. -37.3 0.0230 0.48 0.16 3.51 207.0 10.0 289.2 2.0 0
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15 5 16 136 12 42.5 0.392 0.928 0.011 677. 588. -127.5 0.0340 0.48 0.16 5.34 215.0 10.0 289.9 2.0 0
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15 5 16 136 13 42.6 0.444 0.949 0.013 723. 709. -185.1 0.0340 0.48 0.16 6.12 233.0 10.0 289.9 2.0 0
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15 5 16 136 14 165.2 0.428 1.535 0.012 790. 673. -42.9 0.0340 0.48 0.16 5.55 225.0 10.0 291.4 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
15 5 16 136 15 143.9 0.434 1.498 0.012 843. 686. -51.2 0.0340 0.48 0.16 5.68 221.0 10.0 289.9 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
15 5 16 136 16 113.4 0.397 1.410 0.013 891. 602. -49.9 0.0340 0.48 0.17 5.19 213.0 10.0 289.9 2.0 0
0.00 61. 1010. 0 ADJ-A1 NoSubs
15 5 16 136 17 74.5 0.299 1.239 0.013 921. 399. -32.5 0.0340 0.48 0.19 3.81 220.0 10.0 289.2 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
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15 5 18 138 7 4.6 0.095 0.389 0.005 463. 70. -16.7 0.0360 0.48 0.27 1.13 345.0 10.0 285.9 2.0 0
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15 5 18 138 9 26.4 0.197 0.746 0.005 570. 210. -26.4 0.0280 0.48 0.17 2.57 258.0 10.0 289.2 2.0 0
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15 5 18 138 10 34.5 0.310 0.851 0.005 644. 414. -77.7 0.0340 0.48 0.16 4.14 230.0 10.0 290.4 2.0 0
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15 5 18 138 15 144.9 0.512 1.624 0.015 1070. 882. -83.8 0.0340 0.48 0.16 6.87 233.0 10.0 290.9 2.0 0
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15 5 18 138 17 76.5 0.436 1.372 0.015 1220. 692. -98.0 0.0340 0.48 0.19 5.89 230.0 10.0 290.4 2.0 0
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15 5 18 138 18 30.6 0.302 1.013 0.015 1224. 411. -81.0 0.0280 0.48 0.26 4.19 250.0 10.0 291.4 2.0 0
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15 5 20 140 13 43.2 0.379 0.975 0.013 773. 559. -113.1 0.0340 0.48 0.16 5.14 213.0 10.0 290.9 2.0 0
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15 5 20 140 16 114.9 0.447 1.432 0.012 920. 716. -69.7 0.0340 0.48 0.17 5.94 231.0 10.0 289.9 2.0 0
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15 5 21 141 6 -2.9 0.074 -9.000 -9.000 -999. 48. 12.5 0.0250 0.48 0.50 1.23 287.0 10.0 284.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 7 4.8 0.099 0.228 0.005 89. 75. -18.2 0.0250 0.48 0.27 1.28 297.0 10.0 285.4 2.0 11
0.30 92. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 8 16.1 0.112 0.488 0.005 258. 90. -7.8 0.0340 0.48 0.19 1.25 225.0 10.0 286.4 2.0 0
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15 5 21 141 9 26.1 0.213 0.672 0.005 418. 237. -33.5 0.0230 0.48 0.17 2.93 197.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 10 34.3 0.255 0.770 0.005 479. 310. -43.7 0.0230 0.48 0.16 3.56 207.0 10.0 288.8 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 11 40.0 0.306 0.845 0.005 541. 406. -64.2 0.0340 0.48 0.16 4.05 216.0 10.0 289.9 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 12 43.0 0.342 0.902 0.005 616. 479. -83.5 0.0340 0.48 0.16 4.58 223.0 10.0 290.4 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 13 42.8 0.403 0.948 0.005 717. 613. -137.1 0.0340 0.48 0.16 5.50 217.0 10.0 289.2 2.0 0
0.00 71. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 14 40.5 0.379 0.968 0.006 806. 561. -121.1 0.0340 0.48 0.16 5.16 220.0 10.0 289.9 2.0 0

0.00 69. 1009. 10 ADJ-A1 NoSubs
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0.00 72. 1009. 7 ADJ-A1 NoSubs
15 5 21 141 16 27.6 0.388 0.936 0.014 1069. 581. -190.9 0.0340 0.48 0.17 5.36 236.0 10.0 289.2 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 17 18.0 0.342 0.819 0.015 1097. 482. -200.4 0.0340 0.48 0.19 4.73 235.0 10.0 289.2 2.0 0
0.00 71. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 18 6.6 0.298 0.587 0.015 1103. 392. -363.3 0.0340 0.48 0.25 4.17 236.0 10.0 287.5 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 19 -17.1 0.268 -9.000 -9.000 -999. 333. 100.7 0.0340 0.48 0.46 3.97 232.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
15 5 21 141 20 -23.2 0.235 -9.000 -9.000 -999. 274. 60.9 0.0340 0.48 1.00 3.54 232.0 10.0 286.4 2.0 0
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15 5 21 141 21 -24.5 0.249 -9.000 -9.000 -999. 297. 67.9 0.0340 0.48 1.00 3.73 231.0 10.0 285.9 2.0 0
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15 5 21 141 22 -5.2 0.094 -9.000 -9.000 -999. 92. 14.1 0.0280 0.48 1.00 1.54 266.0 10.0 285.4 2.0 0
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15 5 21 141 23 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0280 0.48 1.00 1.45 269.0 10.0 285.4 2.0 0
0.00 92. 1010. 7 ADJ-A1 NoSubs
15 5 21 141 24 -2.2 0.064 -9.000 -9.000 -999. 39. 11.1 0.0250 0.48 1.00 0.94 278.0 10.0 285.4 2.0 0
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15 5 22 142 1 -3.8 0.080 -9.000 -9.000 -999. 55. 12.4 0.0310 0.48 1.00 1.28 313.0 10.0 285.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
15 5 22 142 2 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.48 1.00 1.21 323.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 5 22 142 3 -3.9 0.081 -9.000 -9.000 -999. 56. 12.5 0.0310 0.48 1.00 1.30 321.0 10.0 285.4 2.0 0
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15 5 22 142 4 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.48 1.00 1.33 316.0 10.0 284.9 2.0 0
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15 5 22 142 6 -5.0 0.098 -9.000 -9.000 -999. 73. 17.0 0.0310 0.48 0.49 1.57 322.0 10.0 284.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
15 5 22 142 7 5.0 0.097 0.386 0.005 415. 73. -16.7 0.0310 0.48 0.27 1.20 319.0 10.0 285.9 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
15 5 22 142 8 16.4 0.096 0.581 0.005 432. 71. -4.8 0.0250 0.48 0.19 1.08 290.0 10.0 287.0 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
15 5 22 142 9 26.7 0.169 0.697 0.005 458. 167. -16.4 0.0340 0.48 0.17 2.04 233.0 10.0 289.2 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
15 5 22 142 10 34.8 0.221 0.779 0.005 489. 250. -28.0 0.0230 0.48 0.16 3.00 185.0 10.0 290.4 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
15 5 22 142 11 39.8 0.290 0.833 0.005 523. 375. -55.4 0.0230 0.48 0.16 4.10 206.0 10.0 288.8 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
15 5 22 142 12 42.7 0.292 0.871 0.005 557. 379. -52.7 0.0340 0.48 0.16 3.83 226.0 10.0 289.2 2.0 0
0.00 71. 1012. 10 ADJ-A1 NoSubs
15 5 22 142 13 43.3 0.317 0.919 0.005 647. 428. -66.3 0.0280 0.48 0.16 4.36 240.0 10.0 290.9 2.0 0
0.00 67. 1011. 10 ADJ-A1 NoSubs
15 5 22 142 14 40.9 0.428 0.940 0.005 733. 672. -173.0 0.0340 0.48 0.16 5.89 235.0 10.0 290.9 2.0 0
0.00 67. 1011. 10 ADJ-A1 NoSubs
15 5 22 142 15 119.8 0.466 1.486 0.005 990. 764. -76.4 0.0340 0.48 0.16 6.23 230.0 10.0 291.4 2.0 0
0.00 65. 1011. 7 ADJ-A1 NoSubs
15 5 22 142 16 28.5 0.402 0.938 0.010 1045. 616. -206.1 0.0340 0.48 0.17 5.56 238.0 10.0 292.0 2.0 0
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15 5 22 142 17 18.4 0.395 0.819 0.013 1074. 596. -301.2 0.0340 0.48 0.19 5.50 235.0 10.0 290.4 2.0 0

0.00 64. 1011. 10 ADJ-A1 NoSubs
15 5 22 142 18 7.1 0.295 0.598 0.013 1083. 391. -326.7 0.0340 0.48 0.25 4.12 234.0 10.0 289.2 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
15 5 22 142 19 -13.3 0.222 -9.000 -9.000 -999. 254. 74.9 0.0340 0.48 0.45 3.32 232.0 10.0 288.8 2.0 0
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15 5 22 142 20 -17.7 0.180 -9.000 -9.000 -999. 183. 35.5 0.0280 0.48 1.00 2.83 251.0 10.0 288.1 2.0 0
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15 5 22 142 21 -11.2 0.139 -9.000 -9.000 -999. 125. 21.6 0.0280 0.48 1.00 2.23 240.0 10.0 287.5 2.0 0
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15 5 22 142 22 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0370 0.48 1.00 1.35 172.0 10.0 285.9 2.0 0
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15 5 22 142 23 -14.4 0.158 -9.000 -9.000 -999. 150. 27.3 0.0270 0.48 1.00 2.52 81.0 10.0 285.4 2.0 0
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15 5 22 142 24 -10.8 0.136 -9.000 -9.000 -999. 120. 21.1 0.0300 0.48 1.00 2.16 32.0 10.0 284.9 2.0 0
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15 5 23 143 1 -7.0 0.109 -9.000 -9.000 -999. 86. 16.6 0.0300 0.48 1.00 1.76 30.0 10.0 284.9 2.0 0
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15 5 23 143 3 -1.7 0.061 -9.000 -9.000 -999. 36. 11.7 0.0250 0.48 1.00 0.80 287.0 10.0 285.4 2.0 0
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15 5 23 143 4 -1.9 0.064 -9.000 -9.000 -999. 38. 12.2 0.0370 0.48 1.00 0.80 170.0 10.0 285.4 2.0 0
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15 5 23 143 7 5.2 0.206 0.330 0.005 249. 225. -152.8 0.0340 0.48 0.27 2.83 228.0 10.0 286.4 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
15 5 23 143 8 16.4 0.174 0.537 0.007 339. 174. -28.9 0.0280 0.48 0.19 2.28 244.0 10.0 287.0 2.0 0
0.00 80. 1014. 10 ADJ-A1 NoSubs
15 5 23 143 9 26.3 0.255 0.664 0.008 402. 308. -56.6 0.0340 0.48 0.17 3.35 235.0 10.0 287.5 2.0 0
0.00 74. 1014. 10 ADJ-A1 NoSubs
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0.00 71. 1014. 10 ADJ-A1 NoSubs
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0.00 66. 1014. 10 ADJ-A1 NoSubs
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15 5 23 143 15 35.6 0.281 0.904 0.014 748. 365. -56.0 0.0340 0.48 0.16 3.69 224.0 10.0 290.4 2.0 0
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15 5 23 143 16 114.4 0.315 1.370 0.014 811. 424. -24.7 0.0340 0.48 0.17 3.93 219.0 10.0 291.4 2.0 0
0.00 55. 1012. 5 ADJ-A1 Sub_CC
15 5 23 143 17 77.7 0.359 1.212 0.013 827. 516. -53.7 0.0340 0.48 0.19 4.71 227.0 10.0 289.9 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
15 5 23 143 18 37.4 0.315 0.953 0.013 835. 425. -75.1 0.0340 0.48 0.25 4.20 219.0 10.0 288.8 2.0 0
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15 5 23 143 19 -10.5 0.218 -9.000 -9.000 -999. 250. 89.7 0.0340 0.48 0.45 3.25 221.0 10.0 286.4 2.0 0
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15 5 23 143 20 -4.3 0.084 -9.000 -9.000 -999. 76. 12.6 0.0230 0.48 1.00 1.43 190.0 10.0 285.4 2.0 0

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15 5 23 143 21 -3.6 0.078 -9.000 -9.000 -999. 52. 12.0 0.0280 0.48 1.00 1.26 242.0 10.0 284.2 2.0 0
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15 5 23 143 22 -6.6 0.106 -9.000 -9.000 -999. 82. 16.1 0.0300 0.48 1.00 1.71 14.0 10.0 284.2 2.0 0
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15 5 23 143 24 -5.8 0.098 -9.000 -9.000 -999. 74. 14.9 0.0300 0.48 1.00 1.60 26.0 10.0 283.1 2.0 0
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15 5 24 144 1 -5.7 0.099 -9.000 -9.000 -999. 74. 15.1 0.0360 0.48 1.00 1.55 338.0 10.0 282.5 2.0 0
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15 5 24 144 3 -7.9 0.117 -9.000 -9.000 -999. 96. 18.1 0.0360 0.48 1.00 1.82 349.0 10.0 282.5 2.0 0
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15 5 24 144 6 -3.3 0.079 -9.000 -9.000 -999. 54. 13.8 0.0340 0.48 0.49 1.26 239.0 10.0 283.8 2.0 0
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15 5 24 144 7 5.0 0.104 0.188 0.011 48. 81. -20.5 0.0340 0.48 0.26 1.28 234.0 10.0 284.9 2.0 0
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15 5 24 144 8 16.2 0.152 0.481 0.024 248. 142. -19.6 0.0340 0.48 0.19 1.86 225.0 10.0 285.4 2.0 0
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15 5 24 144 9 26.0 0.166 0.663 0.025 404. 162. -15.8 0.0230 0.48 0.17 2.15 209.0 10.0 285.9 2.0 0
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15 5 24 144 10 34.0 0.177 0.763 0.025 471. 178. -14.7 0.0230 0.48 0.16 2.28 194.0 10.0 286.4 2.0 0
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15 5 24 144 11 39.5 0.231 0.809 0.024 483. 266. -28.1 0.0340 0.48 0.16 2.91 217.0 10.0 287.0 2.0 0
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15 5 24 144 12 42.3 0.283 0.835 0.023 496. 361. -48.3 0.0340 0.48 0.16 3.69 217.0 10.0 287.0 2.0 0
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15 5 24 144 13 42.7 0.294 0.845 0.023 509. 383. -53.8 0.0340 0.48 0.16 3.86 219.0 10.0 288.1 2.0 0
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15 5 24 144 14 40.6 0.248 0.837 0.022 521. 298. -34.0 0.0340 0.48 0.16 3.17 218.0 10.0 289.2 2.0 0
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15 5 24 144 15 35.4 0.255 0.805 0.022 530. 308. -42.0 0.0230 0.48 0.16 3.54 196.0 10.0 289.2 2.0 0
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15 5 24 144 16 114.3 0.326 1.204 0.020 551. 446. -27.2 0.0230 0.48 0.17 4.41 194.0 10.0 289.9 2.0 0
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15 5 24 144 17 78.0 0.254 1.066 0.019 560. 310. -19.0 0.0370 0.48 0.19 3.05 178.0 10.0 289.2 2.0 0
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15 5 24 144 18 33.6 0.238 0.807 0.019 563. 279. -36.1 0.0340 0.48 0.25 3.05 139.0 10.0 287.5 2.0 0
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15 5 24 144 19 -11.8 0.256 -9.000 -9.000 -999. 310. 127.9 0.0270 0.48 0.44 3.93 81.0 10.0 286.4 2.0 0
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15 5 25 145 1 -7.1 0.110 -9.000 -9.000 -999. 87. 16.8 0.0300 0.48 1.00 1.77 47.0 10.0 285.9 2.0 0
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15 5 25 145 7 5.1 0.140 0.332 0.005 256. 125. -47.6 0.0340 0.48 0.26 1.82 221.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
15 5 25 145 8 16.3 0.146 0.525 0.007 319. 133. -17.0 0.0340 0.48 0.19 1.76 217.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 5 25 145 9 26.2 0.145 0.663 0.011 400. 132. -10.5 0.0230 0.48 0.17 1.81 191.0 10.0 286.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 5 25 145 10 34.0 0.211 0.771 0.013 485. 233. -24.9 0.0370 0.48 0.16 2.59 174.0 10.0 286.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 5 25 145 11 39.7 0.202 0.856 0.015 569. 218. -18.7 0.0230 0.48 0.16 2.66 189.0 10.0 287.5 2.0 0
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15 5 25 145 12 42.6 0.209 0.915 0.016 647. 230. -19.4 0.0340 0.48 0.16 2.56 231.0 10.0 288.1 2.0 0
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15 5 25 145 13 43.3 0.296 0.953 0.018 720. 387. -54.1 0.0340 0.48 0.16 3.89 225.0 10.0 290.4 2.0 0
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15 5 25 145 14 167.6 0.407 1.545 0.019 794. 622. -36.1 0.0340 0.48 0.16 5.21 211.0 10.0 290.9 2.0 0
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15 5 25 145 15 146.8 0.442 1.488 0.018 809. 704. -52.9 0.0340 0.48 0.16 5.79 227.0 10.0 289.9 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
15 5 25 145 16 116.5 0.421 1.385 0.017 821. 657. -57.8 0.0340 0.48 0.17 5.55 237.0 10.0 289.2 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
15 5 25 145 17 17.9 0.382 0.743 0.017 823. 567. -279.2 0.0340 0.48 0.19 5.31 220.0 10.0 287.0 2.0 0
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15 5 25 145 18 6.8 0.287 0.539 0.017 823. 374. -311.7 0.0340 0.48 0.25 4.00 233.0 10.0 286.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
15 5 25 145 19 -15.1 0.250 -9.000 -9.000 -999. 300. 93.0 0.0340 0.48 0.44 3.71 216.0 10.0 285.9 2.0 0
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0 0.00 80. 1011. 10 NAD NoSubs
15 5 26 146 11 39.9 0.294 0.854 0.014 564. 382. -57.4 0.0340 0.48 0.16 3.87 229.0 10.0 288.1 2.0 0
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15 5 26 146 12 42.9 0.302 0.913 0.013 639. 398. -57.9 0.0340 0.48 0.16 3.98 229.0 10.0 289.2 2.0 0
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15 5 26 146 13 171.1 0.315 1.573 0.025 821. 425. -16.5 0.0280 0.48 0.16 3.95 242.0 10.0 290.9 2.0 0
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15 5 26 146 14 167.9 0.358 1.595 0.026 872. 513. -24.6 0.0340 0.48 0.16 4.46 229.0 10.0 291.4 2.0 0
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15 5 26 146 16 96.8 0.424 1.347 0.025 912. 665. -71.2 0.0340 0.48 0.17 5.65 235.0 10.0 289.2 2.0 0
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15 5 26 146 22 -4.8 0.089 -9.000 -9.000 -999. 65. 13.3 0.0230 0.48 1.00 1.52 195.0 10.0 285.9 2.0 0
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15 5 27 147 1 -8.6 0.122 -9.000 -9.000 -999. 103. 19.2 0.0370 0.48 1.00 1.89 171.0 10.0 285.9 2.0 0
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15 5 27 147 7 5.4 0.156 0.354 0.009 294. 149. -63.8 0.0370 0.48 0.26 2.04 177.0 10.0 285.9 2.0 0
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15 5 27 147 8 16.5 0.130 0.544 0.021 352. 112. -11.9 0.0230 0.48 0.19 1.64 199.0 10.0 285.9 2.0 0
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15 5 27 147 9 26.3 0.190 0.679 0.026 429. 199. -23.6 0.0230 0.48 0.17 2.55 206.0 10.0 286.4 2.0 0
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15 5 27 147 10 34.2 0.240 0.786 0.029 513. 283. -36.7 0.0230 0.48 0.16 3.32 207.0 10.0 287.0 2.0 0
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15 5 27 147 11 39.9 0.203 0.871 0.029 596. 219. -18.8 0.0230 0.48 0.16 2.67 192.0 10.0 288.1 2.0 0
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15 5 27 147 12 43.1 0.283 0.931 0.029 676. 362. -47.5 0.0340 0.48 0.16 3.69 219.0 10.0 289.9 2.0 0
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15 5 27 147 13 43.0 0.383 0.958 0.028 738. 569. -118.0 0.0340 0.48 0.16 5.21 224.0 10.0 288.8 2.0 0
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15 5 27 147 14 40.7 0.394 0.944 0.028 744. 593. -135.3 0.0340 0.48 0.16 5.38 218.0 10.0 289.2 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
15 5 27 147 15 120.6 0.334 1.366 0.027 763. 466. -27.9 0.0230 0.48 0.16 4.53 208.0 10.0 290.4 2.0 0
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15 5 27 147 16 119.9 0.319 1.372 0.025 777. 433. -24.5 0.0230 0.48 0.17 4.29 193.0 10.0 289.2 2.0 0
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15 5 27 147 17 79.2 0.279 1.197 0.025 781. 354. -24.6 0.0300 0.48 0.19 3.56 116.0 10.0 289.2 2.0 0
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15 5 27 147 18 35.2 0.308 0.914 0.024 783. 409. -74.6 0.0300 0.48 0.25 4.20 106.0 10.0 288.1 2.0 0
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15 5 27 147 20 -19.1 0.193 -9.000 -9.000 -999. 205. 41.0 0.0270 0.48 1.00 3.05 85.0 10.0 285.9 2.0 0
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15 5 28 148 6 -3.8 0.085 -9.000 -9.000 -999. 60. 14.9 0.0250 0.48 0.48 1.43 294.0 10.0 284.2 2.0 0
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15 5 28 148 7 5.3 0.124 0.309 0.009 202. 105. -32.7 0.0280 0.48 0.26 1.64 268.0 10.0 284.9 2.0 0
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15 5 28 148 10 34.5 0.139 0.749 0.017 439. 124. -7.0 0.0370 0.48 0.16 1.50 165.0 10.0 288.1 2.0 0
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15 5 28 148 11 134.8 0.270 1.342 0.031 647. 336. -13.1 0.0230 0.48 0.16 3.44 201.0 10.0 289.9 2.0 0
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15 5 28 148 12 177.5 0.275 1.493 0.031 677. 347. -10.6 0.0230 0.48 0.16 3.44 201.0 10.0 292.0 2.0 0
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15 5 28 148 13 178.0 0.312 1.508 0.030 696. 417. -15.3 0.0230 0.48 0.16 4.03 184.0 10.0 291.4 2.0 0
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15 5 28 148 14 168.9 0.283 1.495 0.028 714. 362. -12.1 0.0370 0.48 0.16 3.25 172.0 10.0 293.1 2.0 0
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15 5 28 148 15 148.5 0.325 1.443 0.026 729. 444. -20.8 0.0370 0.48 0.16 3.93 165.0 10.0 293.1 2.0 0
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15 5 28 148 16 118.3 0.326 1.349 0.025 747. 447. -26.4 0.0370 0.48 0.17 4.02 154.0 10.0 292.0 2.0 0
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15 5 28 148 17 80.5 0.296 1.194 0.024 761. 386. -28.9 0.0340 0.48 0.19 3.73 145.0 10.0 292.5 2.0 0
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15 5 28 148 18 36.0 0.338 0.915 0.024 766. 471. -96.5 0.0340 0.48 0.25 4.56 130.0 10.0 289.9 2.0 0
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15 5 29 149 14 168.8 0.306 1.458 0.027 662. 406. -15.2 0.0370 0.48 0.16 3.59 163.0 10.0 292.0 2.0 0
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15 5 29 149 15 148.8 0.257 1.447 0.026 733. 314. -10.2 0.0340 0.48 0.16 2.95 128.0 10.0 293.1 2.0 0
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15 5 29 149 16 118.9 0.309 1.354 0.025 751. 412. -22.3 0.0370 0.48 0.17 3.76 153.0 10.0 293.1 2.0 0
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0.00 86. 1009. 10 ADJ-A1 NoSubs
15 5 30 150 9 116.0 0.146 1.181 0.036 511. 133. -2.4 0.0280 0.48 0.17 1.45 245.0 10.0 289.2 2.0 0
0.00 71. 1009. 3 ADJ-A1 NoSubs
15 5 30 150 10 144.9 0.182 1.295 0.034 540. 186. -3.7 0.0340 0.48 0.16 1.84 212.0 10.0 292.0 2.0 0
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15 5 30 150 11 166.8 0.303 1.384 0.032 572. 399. -14.9 0.0340 0.48 0.16 3.61 224.0 10.0 292.5 2.0 0
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15 5 30 150 12 177.8 0.368 1.432 0.030 595. 535. -25.2 0.0230 0.48 0.16 4.95 190.0 10.0 292.0 2.0 0
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15 5 30 150 13 178.2 0.306 1.450 0.028 616. 408. -14.4 0.0230 0.48 0.16 3.93 196.0 10.0 290.9 2.0 0
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15 5 30 150 14 169.0 0.354 1.445 0.026 643. 505. -23.5 0.0370 0.48 0.16 4.32 179.0 10.0 292.0 2.0 0

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15 5 30 150 16 115.9 0.377 1.319 0.024 713. 555. -41.5 0.0230 0.48 0.17 5.24 201.0 10.0 288.8 2.0 0
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15 5 30 150 19 -12.5 0.228 -9.000 -9.000 -999. 262. 85.7 0.0230 0.48 0.42 3.63 198.0 10.0 285.4 2.0 0
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0.00 92. 1008. 10 ADJ-A1 NoSubs
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0.00 92. 1008. 10 ADJ-A1 NoSubs
15 5 30 150 22 -12.5 0.148 -9.000 -9.000 -999. 136. 24.0 0.0300 0.48 1.00 2.33 117.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
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15 5 31 151 1 -5.5 0.097 -9.000 -9.000 -999. 72. 14.7 0.0300 0.48 1.00 1.57 30.0 10.0 284.9 2.0 0
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15 5 31 151 2 -3.3 0.075 -9.000 -9.000 -999. 49. 11.7 0.0270 0.48 1.00 1.21 66.0 10.0 284.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
15 5 31 151 3 -3.8 0.081 -9.000 -9.000 -999. 55. 12.4 0.0300 0.48 1.00 1.30 6.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
15 5 31 151 4 -3.8 0.081 -9.000 -9.000 -999. 56. 12.6 0.0340 0.48 1.00 1.28 224.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
15 5 31 151 5 -3.7 0.080 -9.000 -9.000 -999. 55. 12.5 0.0340 0.48 1.00 1.26 239.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
15 5 31 151 6 -5.3 0.105 -9.000 -9.000 -999. 82. 19.4 0.0370 0.48 0.47 1.62 158.0 10.0 284.9 2.0 11
0.30 96. 1008. 10 ADJ-A1 NoSubs
15 5 31 151 7 5.4 0.157 0.342 0.019 264. 149. -63.9 0.0300 0.48 0.26 2.13 119.0 10.0 284.9 2.0 0
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0.00 92. 1009. 10 ADJ-A1 NoSubs
15 5 31 151 9 26.3 0.119 0.668 0.033 408. 99. -5.8 0.0340 0.48 0.17 1.28 139.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
15 5 31 151 10 34.2 0.214 0.777 0.035 494. 238. -25.9 0.0230 0.48 0.16 2.89 207.0 10.0 285.9 2.0 0
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0.00 68. 1009. 10 ADJ-SFC NoSubs
15 5 31 151 13 178.2 0.361 1.460 0.034 630. 521. -23.8 0.0340 0.48 0.16 4.49 223.0 10.0 290.4 2.0 0
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15 5 31 151 14 168.7 0.360 1.448 0.032 648. 518. -24.8 0.0340 0.48 0.16 4.49 216.0 10.0 290.4 2.0 0
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15 5 31 151 15 148.4 0.462 1.398 0.024 664. 752. -59.6 0.0340 0.48 0.16 6.09 234.0 10.0 289.9 2.0 0
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15 5 31 151 16 121.3 0.454 1.319 0.025 682. 735. -69.5 0.0340 0.48 0.17 6.04 233.0 10.0 288.8 2.0 0
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15 5 31 151 17 68.3 0.405 1.096 0.028 695. 620. -87.5 0.0340 0.48 0.19 5.44 234.0 10.0 287.5 2.0 0

0.00 74. 1009. 7 ADJ-A1 NoSubs
15 5 31 151 18 40.4 0.322 0.924 0.028 703. 442. -74.2 0.0340 0.48 0.24 4.29 230.0 10.0 287.5 2.0 0
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15 5 31 151 20 -20.4 0.207 -9.000 -9.000 -999. 231. 47.1 0.0340 0.48 1.00 3.13 231.0 10.0 286.4 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
15 5 31 151 21 -12.7 0.148 -9.000 -9.000 -999. 138. 24.3 0.0280 0.48 1.00 2.37 244.0 10.0 286.4 2.0 0
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15 5 31 151 22 -1.8 0.061 -9.000 -9.000 -999. 40. 11.4 0.0230 0.48 1.00 0.82 193.0 10.0 286.4 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
15 5 31 151 23 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0340 0.48 1.00 1.25 213.0 10.0 285.4 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 5 31 151 24 -6.5 0.105 -9.000 -9.000 -999. 82. 16.0 0.0310 0.48 1.00 1.69 303.0 10.0 284.9 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
15 6 1 152 1 -3.3 0.077 -9.000 -9.000 -999. 51. 12.5 0.0440 0.59 1.00 1.13 330.0 10.0 285.4 2.0 0
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15 6 1 152 2 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.59 1.00 1.28 305.0 10.0 284.9 2.0 0
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15 6 1 152 3 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.59 1.00 1.69 310.0 10.0 285.4 2.0 0
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15 6 1 152 6 -5.2 0.104 -9.000 -9.000 -999. 81. 19.4 0.0380 0.59 0.48 1.60 306.0 10.0 285.4 2.0 0
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15 6 1 152 7 6.9 0.111 0.439 0.006 443. 89. -17.9 0.0380 0.59 0.27 1.32 329.0 10.0 288.1 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
15 6 1 152 8 87.9 0.137 1.098 0.006 544. 122. -2.7 0.0360 0.59 0.20 1.31 118.0 10.0 289.2 2.0 0
0.00 69. 1011. 3 ADJ-A1 NoSubs
15 6 1 152 9 132.3 0.163 1.349 0.008 671. 157. -2.9 0.0390 0.59 0.18 1.54 140.0 10.0 292.5 2.0 0
0.00 60. 1012. 3 ADJ-A1 NoSubs
15 6 1 152 10 160.1 0.265 1.532 0.007 811. 328. -10.5 0.0280 0.59 0.17 3.18 197.0 10.0 294.2 2.0 0
0.00 56. 1012. 5 ADJ-A1 NoSubs
15 6 1 152 11 189.4 0.423 1.736 0.007 998. 660. -36.0 0.0450 0.59 0.17 5.12 227.0 10.0 294.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
15 6 1 152 12 202.0 0.445 1.828 0.008 1094. 713. -39.5 0.0450 0.59 0.17 5.43 217.0 10.0 294.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
15 6 1 152 13 202.9 0.416 1.844 0.006 1117. 645. -32.0 0.0450 0.59 0.17 5.00 229.0 10.0 294.9 2.0 0
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15 6 1 152 14 191.8 0.436 1.856 0.006 1205. 691. -39.0 0.0450 0.59 0.17 5.31 232.0 10.0 293.8 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
15 6 1 152 15 169.4 0.441 1.834 0.005 1315. 703. -45.7 0.0450 0.59 0.17 5.43 235.0 10.0 294.9 2.0 0
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15 6 1 152 16 111.6 0.493 1.618 0.005 1371. 829. -96.6 0.0450 0.59 0.18 6.30 230.0 10.0 291.4 2.0 0
0.00 72. 1012. 7 ADJ-A1 NoSubs
15 6 1 152 17 91.6 0.426 1.557 0.010 1488. 671. -76.1 0.0450 0.59 0.20 5.39 224.0 10.0 290.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
15 6 1 152 18 46.8 0.318 1.247 0.010 1496. 438. -61.9 0.0450 0.59 0.25 3.98 218.0 10.0 289.9 2.0 0
0.00 83. 1012. 3 ADJ-A1 NoSubs
15 6 1 152 19 0.9 0.217 0.338 0.010 1494. 248. -986.9 0.0450 0.59 0.43 2.91 215.0 10.0 288.1 2.0 0
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15 6 1 152 20 -5.3 0.094 -9.000 -9.000 -999. 81. 14.3 0.0280 0.59 1.00 1.55 207.0 10.0 288.1 2.0 0

0.00 93. 1012. 10 ADJ-A1 NoSubs
15 6 1 152 21 -2.6 0.070 -9.000 -9.000 -999. 44. 11.8 0.0390 0.59 1.00 0.99 138.0 10.0 288.1 2.0 0
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15 6 1 152 22 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.59 1.00 1.20 44.0 10.0 288.1 2.0 0
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15 6 1 152 23 -6.2 0.103 -9.000 -9.000 -999. 79. 16.0 0.0370 0.59 1.00 1.61 40.0 10.0 287.5 2.0 0
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0 0.00 89. 1012. 10 ADJ-SFC NoSubs
15 6 2 153 1 -13.3 0.153 -9.000 -9.000 -999. 144. 25.8 0.0340 0.59 1.00 2.36 71.0 10.0 287.5 2.0 0
0.00 89. 1012. 10 ADJ-SFC NoSubs
15 6 2 153 2 -7.8 0.117 -9.000 -9.000 -999. 96. 18.6 0.0440 0.59 1.00 1.76 338.0 10.0 287.5 2.0 0
0.00 89. 1012. 10 ADJ-SFC NoSubs
15 6 2 153 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.0 2.0 0
0.00 92. 1011. 10 ADJ-SFC NoSubs
15 6 2 153 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-SFC NoSubs
15 6 2 153 5 -7.8 0.117 -9.000 -9.000 -999. 96. 18.5 0.0440 0.59 1.00 1.76 345.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-SFC NoSubs
15 6 2 153 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.47 0.00 0.0 10.0 285.4 2.0 0
0.00 96. 1012. 10 ADJ-SFC NoSubs
15 6 2 153 7 38.5 -9.000 -9.000 -9.000 330. -999. -99999.0 0.0373 0.59 0.27 0.00 0.0 10.0 287.5 2.0 0
0.00 89. 1012. 5 ADJ-SFC NoSubs
15 6 2 153 8 72.5 0.248 0.985 0.006 476. 297. -19.1 0.0450 0.59 0.20 2.86 232.0 10.0 290.4 2.0 0
0.00 72. 1012. 7 ADJ-SFC NoSubs
15 6 2 153 9 107.2 0.260 1.235 0.009 634. 318. -14.8 0.0420 0.59 0.18 2.96 176.0 10.0 292.5 2.0 0
0.00 62. 1012. 7 ADJ-A1 NoSubs
15 6 2 153 10 134.7 0.239 1.433 0.012 789. 281. -9.2 0.0280 0.59 0.17 2.83 193.0 10.0 293.1 2.0 0
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15 6 2 153 11 189.5 0.319 1.704 0.015 944. 432. -15.4 0.0280 0.59 0.17 3.97 185.0 10.0 294.9 2.0 0
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15 6 2 153 12 201.9 0.329 1.777 0.015 1005. 452. -15.8 0.0280 0.59 0.17 4.10 197.0 10.0 294.2 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
15 6 2 153 13 203.0 0.321 1.814 0.014 1062. 437. -14.7 0.0280 0.59 0.17 3.98 183.0 10.0 294.9 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
15 6 2 153 14 192.4 0.351 1.810 0.014 1113. 499. -20.2 0.0420 0.59 0.17 4.12 175.0 10.0 294.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
15 6 2 153 15 170.1 0.361 1.761 0.013 1158. 521. -25.0 0.0420 0.59 0.17 4.32 168.0 10.0 295.9 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
15 6 2 153 16 136.3 0.294 1.650 0.013 1189. 384. -16.7 0.0390 0.59 0.18 3.44 130.0 10.0 295.4 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
15 6 2 153 17 92.8 0.375 1.458 0.012 1205. 551. -51.1 0.0360 0.59 0.19 4.85 119.0 10.0 292.5 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
15 6 2 153 18 43.1 0.353 1.132 0.012 1212. 504. -91.7 0.0390 0.59 0.25 4.63 128.0 10.0 290.9 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
15 6 2 153 19 -5.2 0.192 -9.000 -9.000 -999. 221. 121.5 0.0360 0.59 0.42 2.81 105.0 10.0 289.2 2.0 0
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15 6 2 153 20 -18.2 0.186 -9.000 -9.000 -999. 193. 38.1 0.0340 0.59 1.00 2.83 71.0 10.0 288.1 2.0 0
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15 6 2 153 22 -14.8 0.162 -9.000 -9.000 -999. 157. 28.9 0.0370 0.59 1.00 2.45 54.0 10.0 286.4 2.0 0
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15 6 3 154 1 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.59 1.00 1.25 34.0 10.0 285.4 2.0 0
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15 6 3 154 3 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.59 1.00 1.45 325.0 10.0 285.9 2.0 0
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15 6 3 154 6 -4.4 0.096 -9.000 -9.000 -999. 71. 18.3 0.0450 0.59 0.47 1.44 238.0 10.0 286.4 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
15 6 3 154 7 6.6 0.103 0.378 0.016 297. 79. -15.0 0.0280 0.59 0.27 1.28 199.0 10.0 286.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 6 3 154 8 19.3 0.119 0.547 0.015 306. 98. -7.8 0.0360 0.59 0.20 1.31 108.0 10.0 287.5 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
15 6 3 154 9 30.4 0.169 0.647 0.015 321. 167. -14.4 0.0360 0.59 0.18 1.99 112.0 10.0 288.1 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
15 6 3 154 10 39.6 0.238 0.715 0.014 332. 278. -30.5 0.0390 0.59 0.17 2.93 148.0 10.0 289.9 2.0 0
0.00 66. 1010. 10 ADJ-A1 NoSubs
15 6 3 154 11 181.9 0.307 1.220 0.009 360. 409. -14.3 0.0420 0.59 0.17 3.49 163.0 10.0 290.4 2.0 0
0.00 64. 1009. 5 ADJ-A1 NoSubs
15 6 3 154 12 201.3 0.317 1.305 0.010 398. 429. -14.3 0.0280 0.59 0.17 3.92 196.0 10.0 292.0 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
15 6 3 154 13 202.0 0.299 1.547 0.014 661. 392. -11.9 0.0280 0.59 0.17 3.63 196.0 10.0 291.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
15 6 3 154 14 192.4 0.254 1.660 0.013 857. 307. -7.6 0.0420 0.59 0.17 2.69 150.0 10.0 294.2 2.0 0
0.00 50. 1008. 0 ADJ-A1 NoSubs
15 6 3 154 15 168.7 0.244 1.602 0.012 878. 289. -7.7 0.0420 0.59 0.17 2.59 170.0 10.0 291.4 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
15 6 3 154 16 135.1 0.238 1.498 0.011 895. 278. -8.9 0.0360 0.59 0.18 2.66 110.0 10.0 290.9 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
15 6 3 154 17 92.3 0.341 1.325 0.010 906. 478. -38.7 0.0370 0.59 0.19 4.32 58.0 10.0 289.9 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
15 6 3 154 18 43.0 0.296 1.029 0.010 911. 388. -54.4 0.0370 0.59 0.25 3.83 47.0 10.0 289.2 2.0 0
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15 6 3 154 19 -3.9 0.148 -9.000 -9.000 -999. 153. 76.0 0.0370 0.59 0.42 2.18 18.0 10.0 288.8 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
15 6 3 154 20 -13.5 0.154 -9.000 -9.000 -999. 145. 26.2 0.0320 0.59 1.00 2.40 273.0 10.0 287.5 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
15 6 3 154 21 -14.9 0.163 -9.000 -9.000 -999. 157. 29.1 0.0360 0.59 1.00 2.47 246.0 10.0 286.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 6 3 154 22 -2.5 0.069 -9.000 -9.000 -999. 48. 11.7 0.0360 0.59 1.00 0.99 260.0 10.0 285.4 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
15 6 3 154 23 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0380 0.59 1.00 1.35 305.0 10.0 284.9 2.0 0
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15 6 3 154 24 -4.5 0.087 -9.000 -9.000 -999. 62. 13.4 0.0320 0.59 1.00 1.40 299.0 10.0 284.9 2.0 0
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15 6 4 155 1 -1.9 0.064 -9.000 -9.000 -999. 39. 12.1 0.0360 0.59 1.00 0.82 263.0 10.0 285.4 2.0 0
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15 6 4 155 2 -2.6 0.070 -9.000 -9.000 -999. 44. 11.7 0.0360 0.59 1.00 1.01 251.0 10.0 284.9 2.0 0

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15 6 4 155 3 -9.5 0.130 -9.000 -9.000 -999. 112. 20.7 0.0450 0.59 1.00 1.93 234.0 10.0 285.4 2.0 0
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15 6 4 155 4 -13.4 0.154 -9.000 -9.000 -999. 145. 26.1 0.0360 0.59 1.00 2.35 242.0 10.0 285.4 2.0 0
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15 6 4 155 5 -12.0 0.147 -9.000 -9.000 -999. 135. 23.7 0.0450 0.59 1.00 2.16 233.0 10.0 284.2 2.0 0
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15 6 4 155 6 -3.7 0.088 -9.000 -9.000 -999. 64. 16.6 0.0450 0.59 0.47 1.33 220.0 10.0 285.4 2.0 0
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15 6 4 155 7 6.6 0.151 0.351 0.010 234. 141. -46.6 0.0450 0.59 0.27 1.86 220.0 10.0 286.4 2.0 0
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15 6 4 155 8 19.2 0.201 0.607 0.014 418. 217. -38.2 0.0450 0.59 0.20 2.45 213.0 10.0 287.0 2.0 0
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15 6 4 155 9 30.1 0.255 0.755 0.019 513. 309. -49.5 0.0420 0.59 0.18 3.20 171.0 10.0 287.0 2.0 0
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15 6 4 155 11 45.2 0.278 0.880 0.020 542. 352. -42.8 0.0390 0.59 0.17 3.51 146.0 10.0 287.5 2.0 0
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15 6 4 155 12 48.2 0.262 0.908 0.020 557. 322. -33.4 0.0420 0.59 0.17 3.20 163.0 10.0 287.0 2.0 0
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0.00 71. 1006. 10 ADJ-A1 NoSubs
15 6 4 155 14 46.3 0.246 0.912 0.020 587. 293. -28.9 0.0420 0.59 0.17 2.98 157.0 10.0 288.8 2.0 0
0.00 71. 1005. 10 ADJ-A1 NoSubs
15 6 4 155 15 40.8 0.279 0.880 0.020 600. 353. -47.7 0.0420 0.59 0.17 3.49 175.0 10.0 289.2 2.0 0
0.00 69. 1005. 10 ADJ-A1 NoSubs
15 6 4 155 16 32.4 0.249 0.820 0.020 610. 298. -42.5 0.0280 0.59 0.18 3.34 195.0 10.0 289.2 2.0 0
0.00 69. 1005. 10 ADJ-A1 NoSubs
15 6 4 155 17 21.7 0.292 0.720 0.019 616. 378. -102.9 0.0280 0.59 0.19 4.09 202.0 10.0 288.8 2.0 0
0.00 71. 1005. 10 ADJ-A1 NoSubs
15 6 4 155 18 40.1 0.305 0.889 0.019 627. 405. -63.6 0.0280 0.59 0.25 4.19 192.0 10.0 287.5 2.0 0
0.00 77. 1005. 7 ADJ-A1 NoSubs
15 6 4 155 19 2.1 0.227 0.333 0.019 627. 262. -497.8 0.0280 0.59 0.42 3.30 186.0 10.0 286.4 2.0 0
0.00 83. 1006. 7 ADJ-A1 NoSubs
15 6 4 155 20 -19.4 0.197 -9.000 -9.000 -999. 210. 42.8 0.0420 0.59 1.00 2.88 150.0 10.0 285.4 2.0 0
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15 6 4 155 21 -16.5 0.172 -9.000 -9.000 -999. 172. 32.6 0.0390 0.59 1.00 2.57 138.0 10.0 285.9 2.0 0
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15 6 4 155 22 -14.8 0.163 -9.000 -9.000 -999. 157. 29.1 0.0360 0.59 1.00 2.47 119.0 10.0 285.9 2.0 0
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15 6 4 155 23 -15.2 0.164 -9.000 -9.000 -999. 160. 29.7 0.0340 0.59 1.00 2.52 83.0 10.0 285.9 2.0 0
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15 6 4 155 24 -17.9 0.182 -9.000 -9.000 -999. 186. 36.3 0.0360 0.59 1.00 2.74 111.0 10.0 285.9 2.0 0
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15 6 5 156 1 -15.9 0.169 -9.000 -9.000 -999. 166. 31.3 0.0390 0.59 1.00 2.52 129.0 10.0 285.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 2 -14.3 0.160 -9.000 -9.000 -999. 154. 28.2 0.0390 0.59 1.00 2.40 130.0 10.0 285.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
15 6 5 156 3 -10.7 0.138 -9.000 -9.000 -999. 123. 21.9 0.0420 0.59 1.00 2.06 160.0 10.0 284.9 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
15 6 5 156 4 -9.3 0.128 -9.000 -9.000 -999. 110. 20.3 0.0420 0.59 1.00 1.93 150.0 10.0 284.9 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
15 6 5 156 5 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0280 0.59 1.00 1.38 208.0 10.0 284.9 2.0 0

0.00 92. 1005. 10 ADJ-A1 NoSubs
15 6 5 156 6 -1.7 0.060 -9.000 -9.000 -999. 35. 11.6 0.0320 0.59 0.47 0.91 273.0 10.0 285.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
15 6 5 156 7 6.4 0.110 0.268 0.023 108. 88. -18.8 0.0360 0.59 0.27 1.33 269.0 10.0 285.4 2.0 0
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15 6 5 156 8 18.9 0.143 0.490 0.027 223. 130. -13.9 0.0450 0.59 0.20 1.60 211.0 10.0 285.9 2.0 0
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15 6 5 156 9 30.0 0.173 0.647 0.026 324. 172. -15.4 0.0280 0.59 0.18 2.15 209.0 10.0 286.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 10 39.0 0.206 0.732 0.025 360. 224. -20.0 0.0280 0.59 0.17 2.62 204.0 10.0 287.5 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 11 45.2 0.291 0.794 0.024 397. 376. -48.7 0.0450 0.59 0.17 3.59 214.0 10.0 287.5 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 12 48.5 0.335 0.837 0.021 434. 465. -69.5 0.0450 0.59 0.17 4.22 223.0 10.0 288.1 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 13 48.9 0.318 0.850 0.023 450. 431. -58.9 0.0450 0.59 0.17 3.97 221.0 10.0 288.8 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 14 46.3 0.312 0.840 0.022 459. 419. -59.0 0.0450 0.59 0.17 3.90 224.0 10.0 288.8 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 15 40.7 0.301 0.807 0.021 464. 396. -60.0 0.0450 0.59 0.17 3.76 238.0 10.0 288.8 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 16 32.2 0.339 0.749 0.020 468. 474. -108.7 0.0450 0.59 0.18 4.36 232.0 10.0 288.1 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 17 21.4 0.317 0.655 0.020 470. 428. -132.7 0.0450 0.59 0.19 4.10 234.0 10.0 287.5 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
15 6 5 156 18 9.1 0.250 0.492 0.020 471. 301. -154.0 0.0450 0.59 0.25 3.25 230.0 10.0 287.0 2.0 0
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15 6 5 156 19 -8.0 0.176 -9.000 -9.000 -999. 179. 61.1 0.0360 0.59 0.42 2.61 240.0 10.0 286.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 20 -18.5 0.187 -9.000 -9.000 -999. 195. 38.6 0.0450 0.59 1.00 2.71 236.0 10.0 285.9 2.0 0
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15 6 5 156 21 -9.9 0.131 -9.000 -9.000 -999. 115. 20.7 0.0360 0.59 1.00 2.03 253.0 10.0 285.9 2.0 0
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15 6 5 156 22 -11.1 0.141 -9.000 -9.000 -999. 127. 22.7 0.0450 0.59 1.00 2.08 216.0 10.0 285.9 2.0 0
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15 6 5 156 23 -5.8 0.101 -9.000 -9.000 -999. 77. 15.8 0.0450 0.59 1.00 1.52 231.0 10.0 285.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
15 6 5 156 24 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0280 0.59 1.00 1.79 205.0 10.0 285.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
15 6 6 157 1 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.59 1.00 1.25 268.0 10.0 285.4 2.0 0
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15 6 6 157 2 -5.1 0.093 -9.000 -9.000 -999. 69. 14.4 0.0360 0.59 1.00 1.47 251.0 10.0 285.4 2.0 0
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15 6 6 157 3 -6.0 0.102 -9.000 -9.000 -999. 78. 15.7 0.0360 0.59 1.00 1.60 266.0 10.0 285.4 2.0 0
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15 6 6 157 4 -3.5 0.078 -9.000 -9.000 -999. 52. 12.3 0.0360 0.59 1.00 1.20 247.0 10.0 285.4 2.0 0
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15 6 6 157 5 -5.1 0.093 -9.000 -9.000 -999. 69. 14.4 0.0360 0.59 1.00 1.47 266.0 10.0 285.4 2.0 0
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15 6 6 157 6 -4.0 0.091 -9.000 -9.000 -999. 66. 17.0 0.0360 0.59 0.47 1.43 250.0 10.0 285.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
15 6 6 157 7 6.4 0.162 0.444 0.029 491. 156. -59.1 0.0280 0.59 0.27 2.21 209.0 10.0 285.4 2.0 0
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15 6 6 157 8 19.2 0.163 0.645 0.029 502. 157. -20.1 0.0450 0.59 0.20 1.88 235.0 10.0 287.0 2.0 0

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15 6 6 157 9 30.3 0.241 0.759 0.028 519. 284. -41.6 0.0450 0.59 0.18 2.95 224.0 10.0 287.5 2.0 0
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15 6 6 157 10 39.4 0.290 0.835 0.028 531. 375. -55.7 0.0450 0.59 0.17 3.61 230.0 10.0 288.8 2.0 0
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15 6 6 157 11 46.0 0.325 0.885 0.027 542. 444. -66.8 0.0450 0.59 0.17 4.08 230.0 10.0 290.4 2.0 0
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15 6 6 157 12 49.2 0.345 0.911 0.026 553. 486. -74.9 0.0450 0.59 0.17 4.36 236.0 10.0 290.4 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
15 6 6 157 13 163.9 0.406 1.387 0.021 586. 621. -36.8 0.0450 0.59 0.17 4.93 231.0 10.0 290.4 2.0 0
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15 6 6 157 14 156.0 0.401 1.385 0.022 613. 610. -37.2 0.0450 0.59 0.17 4.87 227.0 10.0 290.9 2.0 0
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15 6 6 157 15 164.4 0.414 1.420 0.018 626. 639. -38.8 0.0450 0.59 0.17 5.04 231.0 10.0 290.9 2.0 0
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15 6 6 157 16 112.3 0.376 1.256 0.019 635. 554. -42.4 0.0450 0.59 0.18 4.60 228.0 10.0 289.9 2.0 0
0.00 72. 1008. 7 ADJ-A1 NoSubs
15 6 6 157 17 78.9 0.320 1.120 0.018 641. 435. -37.1 0.0450 0.59 0.19 3.88 222.0 10.0 288.1 2.0 0
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15 6 6 157 18 44.0 0.267 0.924 0.017 644. 332. -38.8 0.0450 0.59 0.25 3.25 228.0 10.0 288.1 2.0 0
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15 6 6 157 19 0.1 0.233 0.098 0.017 644. 270. -8888.0 0.0450 0.59 0.41 3.15 221.0 10.0 286.4 2.0 0
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15 6 6 157 20 -21.8 0.221 -9.000 -9.000 -999. 250. 53.8 0.0450 0.59 1.00 3.17 238.0 10.0 285.9 2.0 0
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15 6 6 157 21 -8.7 0.123 -9.000 -9.000 -999. 108. 19.3 0.0360 0.59 1.00 1.91 243.0 10.0 286.4 2.0 0
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15 6 6 157 22 -9.1 0.127 -9.000 -9.000 -999. 109. 20.3 0.0450 0.59 1.00 1.89 226.0 10.0 286.4 2.0 0
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15 6 6 157 23 -7.8 0.118 -9.000 -9.000 -999. 97. 18.6 0.0450 0.59 1.00 1.76 220.0 10.0 285.9 2.0 0
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15 6 6 157 24 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0360 0.59 1.00 1.43 269.0 10.0 286.4 2.0 0
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15 6 7 158 1 -5.5 0.096 -9.000 -9.000 -999. 72. 14.8 0.0320 0.59 1.00 1.55 274.0 10.0 286.4 2.0 0
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15 6 7 158 2 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.59 1.00 1.11 28.0 10.0 286.4 2.0 0
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15 6 7 158 3 -3.7 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.59 1.00 1.25 59.0 10.0 286.4 2.0 0
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15 6 7 158 4 -3.2 0.075 -9.000 -9.000 -999. 49. 11.7 0.0280 0.59 1.00 1.20 205.0 10.0 286.4 2.0 0
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15 6 7 158 5 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0450 0.59 1.00 1.25 211.0 10.0 285.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
15 6 7 158 6 -1.9 0.064 -9.000 -9.000 -999. 38. 12.3 0.0370 0.59 0.47 0.97 4.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
15 6 7 158 7 6.7 0.089 0.341 0.028 213. 64. -9.6 0.0360 0.59 0.27 1.01 244.0 10.0 286.4 2.0 0
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15 6 7 158 8 19.2 0.101 0.582 0.031 368. 77. -4.8 0.0370 0.59 0.20 1.04 5.0 10.0 287.0 2.0 0
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15 6 7 158 9 30.6 0.118 0.718 0.031 435. 98. -4.9 0.0280 0.59 0.18 1.30 189.0 10.0 288.8 2.0 0
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15 6 7 158 12 202.3 0.323 1.486 0.025 583. 440. -15.0 0.0450 0.59 0.17 3.63 218.0 10.0 293.8 2.0 0
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15 6 7 158 13 202.9 0.375 1.501 0.023 599. 550. -23.3 0.0450 0.59 0.17 4.39 217.0 10.0 292.5 2.0 0
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15 6 7 158 14 192.4 0.366 1.487 0.020 614. 533. -23.0 0.0450 0.59 0.17 4.29 228.0 10.0 292.0 2.0 0
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15 6 7 158 15 169.7 0.373 1.436 0.019 626. 547. -27.5 0.0450 0.59 0.17 4.43 222.0 10.0 291.4 2.0 0
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15 6 7 158 16 136.5 0.341 1.342 0.017 636. 478. -26.0 0.0450 0.59 0.18 4.03 218.0 10.0 291.4 2.0 0
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15 6 7 158 17 93.7 0.324 1.188 0.016 643. 443. -32.6 0.0450 0.59 0.19 3.90 221.0 10.0 289.9 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
15 6 7 158 18 44.4 0.250 0.928 0.016 645. 302. -31.4 0.0280 0.59 0.25 3.29 206.0 10.0 288.1 2.0 0
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15 6 7 158 19 3.0 0.171 0.379 0.016 645. 171. -147.6 0.0280 0.59 0.41 2.42 203.0 10.0 286.4 2.0 0
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15 6 7 158 20 -8.1 0.117 -9.000 -9.000 -999. 97. 18.0 0.0280 0.59 1.00 1.91 197.0 10.0 285.9 2.0 0
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15 6 7 158 22 -3.5 0.079 -9.000 -9.000 -999. 53. 12.4 0.0360 0.59 1.00 1.21 91.0 10.0 286.4 2.0 0
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15 6 7 158 23 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.59 1.00 1.04 38.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
15 6 7 158 24 -3.0 0.074 -9.000 -9.000 -999. 48. 12.3 0.0450 0.59 1.00 1.06 235.0 10.0 285.9 2.0 0
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15 6 8 159 1 -4.3 0.087 -9.000 -9.000 -999. 61. 13.7 0.0450 0.59 1.00 1.30 239.0 10.0 285.9 2.0 0
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15 6 8 159 2 -9.1 0.127 -9.000 -9.000 -999. 108. 20.1 0.0420 0.59 1.00 1.91 179.0 10.0 285.4 2.0 0
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0.00 100. 1006. 10 ADJ-A1 NoSubs
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15 6 8 159 7 35.1 0.097 0.487 0.031 118. 72. -2.3 0.0280 0.59 0.27 0.96 195.0 10.0 289.2 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
15 6 8 159 8 85.9 0.125 0.771 0.029 192. 106. -2.0 0.0370 0.59 0.20 1.13 51.0 10.0 293.1 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
15 6 8 159 9 131.6 0.154 1.010 0.026 280. 145. -2.5 0.0280 0.59 0.18 1.54 198.0 10.0 298.1 2.0 0
0.00 47. 1006. 0 ADJ-A1 NoSubs
15 6 8 159 10 168.1 0.203 1.155 0.022 329. 219. -4.5 0.0390 0.59 0.17 2.04 139.0 10.0 300.9 2.0 0
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15 6 8 159 11 193.3 0.285 1.309 0.018 417. 366. -10.8 0.0420 0.59 0.17 3.15 167.0 10.0 302.0 2.0 0
0.00 42. 1005. 0 ADJ-A1 NoSubs
15 6 8 159 12 204.2 0.403 1.387 0.009 469. 613. -28.6 0.0280 0.59 0.17 5.27 191.0 10.0 298.1 2.0 0
0.00 46. 1005. 0 ADJ-A1 NoSubs
15 6 8 159 13 204.8 0.377 1.427 0.011 509. 557. -23.5 0.0280 0.59 0.17 4.87 187.0 10.0 297.0 2.0 0
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15 6 8 159 14 193.2 0.410 1.450 0.008 566. 629. -31.9 0.0420 0.59 0.17 4.99 176.0 10.0 293.8 2.0 0

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15 6 8 159 15 170.1 0.374 1.432 0.008 619. 550. -27.5 0.0280 0.59 0.17 4.88 192.0 10.0 292.0 2.0 0
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15 6 8 159 16 136.6 0.315 1.363 0.007 666. 426. -20.5 0.0280 0.59 0.18 4.02 195.0 10.0 290.9 2.0 0
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15 6 8 159 17 94.1 0.281 1.222 0.006 695. 357. -21.0 0.0280 0.59 0.19 3.59 192.0 10.0 289.9 2.0 0
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15 6 8 159 18 41.6 0.256 0.935 0.005 705. 312. -36.3 0.0280 0.59 0.25 3.41 188.0 10.0 288.1 2.0 0
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15 6 8 159 19 -6.4 0.160 -9.000 -9.000 -999. 157. 56.7 0.0450 0.59 0.41 2.28 210.0 10.0 287.0 2.0 0
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15 6 8 159 20 -3.8 0.080 -9.000 -9.000 -999. 57. 12.3 0.0280 0.59 1.00 1.31 199.0 10.0 287.0 2.0 0
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15 6 8 159 21 -3.0 0.074 -9.000 -9.000 -999. 48. 12.3 0.0450 0.59 1.00 1.06 212.0 10.0 286.4 2.0 0
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15 6 8 159 22 -3.8 0.083 -9.000 -9.000 -999. 57. 13.2 0.0450 0.59 1.00 1.23 217.0 10.0 285.9 2.0 0
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15 6 9 160 7 33.3 0.236 0.557 0.032 187. 274. -35.3 0.0320 0.59 0.27 3.05 280.0 10.0 285.9 2.0 0
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15 6 9 160 9 129.5 0.185 0.954 0.034 241. 193. -4.4 0.0360 0.59 0.18 1.89 104.0 10.0 292.5 2.0 0
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15 6 9 160 11 189.7 0.273 1.244 0.028 365. 343. -9.7 0.0280 0.59 0.17 3.25 190.0 10.0 293.8 2.0 0
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15 6 9 160 12 201.9 0.372 1.325 0.013 414. 545. -23.0 0.0450 0.59 0.17 4.36 218.0 10.0 292.0 2.0 0
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15 6 9 160 13 203.0 0.360 1.386 0.015 472. 518. -20.6 0.0450 0.59 0.17 4.17 220.0 10.0 292.0 2.0 0
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15 6 9 160 14 193.5 0.287 1.396 0.017 506. 371. -10.9 0.0450 0.59 0.17 3.12 236.0 10.0 294.2 2.0 0
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15 6 9 160 15 172.2 0.226 1.369 0.014 535. 260. -6.1 0.0360 0.59 0.17 2.42 256.0 10.0 297.0 2.0 0
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15 6 9 160 16 137.4 0.324 1.288 0.012 559. 442. -22.2 0.0280 0.59 0.18 4.16 199.0 10.0 292.5 2.0 0
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15 6 9 160 17 94.9 0.260 1.154 0.011 582. 320. -16.7 0.0360 0.59 0.19 3.10 243.0 10.0 291.4 2.0 0

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15 6 9 160 19 2.2 0.159 0.330 0.011 584. 152. -163.4 0.0420 0.59 0.41 2.10 166.0 10.0 290.4 2.0 0
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15 6 9 160 20 -16.4 0.173 -9.000 -9.000 -999. 172. 32.8 0.0420 0.59 1.00 2.54 151.0 10.0 288.8 2.0 0
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15 6 9 160 21 -5.3 0.096 -9.000 -9.000 -999. 73. 14.9 0.0370 0.59 1.00 1.50 4.0 10.0 289.2 2.0 0
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15 6 9 160 22 -5.3 0.096 -9.000 -9.000 -999. 71. 14.9 0.0370 0.59 1.00 1.50 34.0 10.0 290.4 2.0 0
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15 6 9 160 23 -7.4 0.115 -9.000 -9.000 -999. 93. 18.3 0.0450 0.59 1.00 1.72 236.0 10.0 290.9 2.0 0
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15 6 10 161 1 -5.1 0.094 -9.000 -9.000 -999. 70. 14.7 0.0380 0.59 1.00 1.47 328.0 10.0 290.4 2.0 11
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15 6 10 161 8 86.2 0.122 0.946 0.015 352. 102. -1.9 0.0360 0.59 0.20 1.09 115.0 10.0 293.8 2.0 0
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15 6 10 161 13 167.2 0.239 1.541 0.005 787. 280. -7.3 0.0280 0.59 0.17 2.76 203.0 10.0 298.1 2.0 0
0.00 55. 1007. 7 ADJ-A1 NoSubs
15 6 10 161 14 194.8 0.233 1.876 0.005 1219. 270. -5.8 0.0280 0.59 0.17 2.62 205.0 10.0 297.0 2.0 0
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15 6 10 161 16 140.4 0.246 1.795 0.005 1482. 293. -9.5 0.0390 0.59 0.18 2.72 138.0 10.0 299.2 2.0 0
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15 6 10 161 18 50.1 0.333 1.280 0.005 1504. 463. -66.4 0.0390 0.59 0.25 4.31 149.0 10.0 290.4 2.0 0
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15 6 13 164 3 -7.9 0.118 -9.000 -9.000 -999. 98. 18.8 0.0450 0.59 1.00 1.77 224.0 10.0 286.4 2.0 0
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15 6 13 164 4 -5.3 0.096 -9.000 -9.000 -999. 71. 15.1 0.0450 0.59 1.00 1.45 235.0 10.0 285.9 2.0 0
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15 6 13 164 5 -4.3 0.086 -9.000 -9.000 -999. 61. 13.4 0.0360 0.59 1.00 1.35 254.0 10.0 285.9 2.0 0
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15 6 13 164 6 -2.9 0.078 -9.000 -9.000 -999. 52. 14.8 0.0360 0.59 0.47 1.23 267.0 10.0 286.4 2.0 0
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15 6 13 164 7 6.7 0.137 0.321 0.040 175. 122. -34.4 0.0450 0.59 0.27 1.66 236.0 10.0 286.4 2.0 0
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15 6 13 164 8 19.3 0.184 0.492 0.041 221. 190. -29.1 0.0450 0.59 0.20 2.20 213.0 10.0 287.0 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
15 6 13 164 9 30.5 0.202 0.620 0.041 280. 217. -24.1 0.0450 0.59 0.18 2.37 230.0 10.0 288.1 2.0 0
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15 6 13 164 10 39.9 0.229 0.725 0.041 343. 262. -26.8 0.0450 0.59 0.17 2.71 236.0 10.0 290.4 2.0 0
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15 6 13 164 11 46.6 0.257 0.776 0.040 359. 312. -32.5 0.0280 0.59 0.17 3.39 208.0 10.0 292.0 2.0 0
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15 6 13 164 12 49.5 0.327 0.803 0.032 374. 449. -63.3 0.0450 0.59 0.17 4.10 218.0 10.0 290.9 2.0 0
0.00 74. 1005. 10 ADJ-A1 NoSubs
15 6 13 164 13 203.6 0.404 1.340 0.012 424. 616. -29.0 0.0450 0.59 0.17 4.82 217.0 10.0 292.5 2.0 0
0.00 67. 1004. 0 ADJ-A1 NoSubs
15 6 13 164 14 186.8 0.420 1.329 0.008 450. 654. -35.6 0.0450 0.59 0.17 5.09 220.0 10.0 292.0 2.0 0
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15 6 13 164 15 41.8 0.411 0.810 0.010 456. 632. -148.7 0.0450 0.59 0.17 5.34 230.0 10.0 290.9 2.0 0
0.00 74. 1004. 10 ADJ-A1 NoSubs
15 6 13 164 16 33.3 0.396 0.754 0.013 460. 599. -167.2 0.0450 0.59 0.18 5.17 227.0 10.0 290.4 2.0 0
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15 6 13 164 17 22.5 0.349 0.663 0.026 463. 496. -168.7 0.0360 0.59 0.19 4.75 240.0 10.0 289.2 2.0 0
0.00 77. 1004. 10 ADJ-A1 NoSubs
15 6 13 164 18 10.3 0.311 0.511 0.030 464. 417. -261.4 0.0450 0.59 0.24 4.10 221.0 10.0 288.8 2.0 0
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15 6 13 164 19 -8.4 0.252 -9.000 -9.000 -999. 304. 169.2 0.0450 0.59 0.40 3.51 221.0 10.0 287.5 2.0 0
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15 6 13 164 20 -15.4 0.168 -9.000 -9.000 -999. 167. 30.9 0.0450 0.59 1.00 2.44 226.0 10.0 287.0 2.0 0
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15 6 13 164 21 -13.4 0.156 -9.000 -9.000 -999. 148. 26.7 0.0450 0.59 1.00 2.28 234.0 10.0 287.0 2.0 0
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15 6 13 164 22 -4.0 0.083 -9.000 -9.000 -999. 59. 12.9 0.0320 0.59 1.00 1.33 298.0 10.0 287.5 2.0 0
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15 6 13 164 23 -8.2 0.120 -9.000 -9.000 -999. 100. 19.0 0.0420 0.59 1.00 1.82 174.0 10.0 287.0 2.0 0
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15 6 13 164 24 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0360 0.59 1.00 1.42 261.0 10.0 287.0 2.0 0
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15 6 14 165 1 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0320 0.59 1.00 1.55 296.0 10.0 287.0 2.0 0
0.00 83. 1004. 10 ADJ-A1 NoSubs
15 6 14 165 2 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.59 1.00 1.25 241.0 10.0 286.4 2.0 0
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15 6 14 165 3 -7.3 0.111 -9.000 -9.000 -999. 89. 17.0 0.0280 0.59 1.00 1.82 186.0 10.0 286.4 2.0 0
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15 6 14 165 4 -7.2 0.113 -9.000 -9.000 -999. 91. 17.8 0.0450 0.59 1.00 1.69 231.0 10.0 285.9 2.0 0
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15 6 14 165 7 6.7 0.129 0.391 0.039 318. 111. -28.6 0.0450 0.59 0.27 1.54 232.0 10.0 286.4 2.0 0
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15 6 14 165 8 19.2 0.157 0.570 0.040 344. 150. -18.2 0.0280 0.59 0.20 1.99 182.0 10.0 287.0 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
15 6 14 165 9 30.2 0.171 0.685 0.041 382. 170. -14.8 0.0450 0.59 0.18 1.92 223.0 10.0 287.0 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
15 6 14 165 10 39.6 0.205 0.779 0.042 428. 223. -19.6 0.0450 0.59 0.17 2.37 212.0 10.0 289.2 2.0 0
0.00 71. 1006. 10 ADJ-A1 NoSubs
15 6 14 165 11 153.5 0.294 1.375 0.042 608. 382. -14.8 0.0280 0.59 0.17 3.64 189.0 10.0 290.4 2.0 0
0.00 69. 1006. 7 ADJ-A1 NoSubs
15 6 14 165 12 202.0 0.309 1.528 0.039 634. 412. -13.1 0.0280 0.59 0.17 3.79 192.0 10.0 291.4 2.0 0
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15 6 14 165 13 203.6 0.360 1.547 0.037 653. 519. -20.6 0.0280 0.59 0.17 4.60 205.0 10.0 292.5 2.0 0
0.00 60. 1005. 0 ADJ-A1 NoSubs
15 6 14 165 14 193.3 0.384 1.529 0.035 663. 570. -26.2 0.0450 0.59 0.17 4.54 226.0 10.0 291.4 2.0 0
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15 6 14 165 15 171.1 0.404 1.475 0.032 673. 616. -34.5 0.0450 0.59 0.17 4.88 217.0 10.0 291.4 2.0 0
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15 6 14 165 16 137.9 0.375 1.377 0.031 680. 552. -34.3 0.0280 0.59 0.18 4.97 205.0 10.0 290.4 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
15 6 14 165 17 96.2 0.291 1.225 0.030 685. 381. -22.9 0.0280 0.59 0.19 3.75 187.0 10.0 290.9 2.0 0
0.00 64. 1004. 0 ADJ-A1 NoSubs
15 6 14 165 18 47.4 0.245 0.969 0.029 687. 293. -27.9 0.0420 0.59 0.24 2.96 155.0 10.0 289.9 2.0 0
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15 6 14 165 19 -1.9 0.206 -9.000 -9.000 -999. 225. 405.4 0.0360 0.59 0.40 2.95 102.0 10.0 288.1 2.0 0
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15 6 14 165 20 -23.8 0.243 -9.000 -9.000 -999. 287. 64.8 0.0360 0.59 1.00 3.61 93.0 10.0 286.4 2.0 0
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15 6 14 165 22 -20.0 0.203 -9.000 -9.000 -999. 220. 45.2 0.0340 0.59 1.00 3.07 72.0 10.0 285.9 2.0 0
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15 6 14 165 23 -14.2 0.159 -9.000 -9.000 -999. 152. 27.7 0.0340 0.59 1.00 2.44 80.0 10.0 285.4 2.0 0
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15 6 14 165 24 -10.7 0.137 -9.000 -9.000 -999. 122. 21.5 0.0340 0.59 1.00 2.13 85.0 10.0 285.4 2.0 0
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15 6 15 166 1 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.59 1.00 1.40 63.0 10.0 285.4 2.0 0
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15 6 15 166 3 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0370 0.59 1.00 1.16 24.0 10.0 285.4 2.0 0
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15 6 15 166 4 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0370 0.59 1.00 1.37 28.0 10.0 284.9 2.0 0
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15 6 15 166 5 -6.3 0.105 -9.000 -9.000 -999. 82. 16.5 0.0440 0.59 1.00 1.59 339.0 10.0 284.9 2.0 0
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15 6 15 166 6 -4.4 0.096 -9.000 -9.000 -999. 72. 18.5 0.0440 0.59 0.47 1.45 331.0 10.0 285.4 2.0 0
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15 6 15 166 7 6.5 0.124 0.370 0.016 281. 104. -26.2 0.0440 0.59 0.27 1.47 350.0 10.0 285.4 2.0 0
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15 6 15 166 8 18.8 0.129 0.563 0.024 341. 111. -10.2 0.0380 0.59 0.20 1.45 314.0 10.0 285.4 2.0 0

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15 6 15 166 9 30.0 0.124 0.705 0.039 419. 105. -5.7 0.0320 0.59 0.18 1.35 292.0 10.0 286.4 2.0 0
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15 6 15 166 10 39.2 0.134 0.819 0.041 504. 118. -5.5 0.0380 0.59 0.17 1.40 315.0 10.0 288.1 2.0 0
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15 6 15 166 11 45.6 0.178 0.907 0.042 587. 180. -11.1 0.0280 0.59 0.17 2.15 191.0 10.0 288.8 2.0 0
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15 6 15 166 12 163.8 0.293 1.447 0.041 665. 381. -13.8 0.0420 0.59 0.17 3.32 171.0 10.0 290.9 2.0 0
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15 6 15 166 13 203.5 0.342 1.570 0.039 684. 481. -17.7 0.0420 0.59 0.17 3.97 170.0 10.0 292.0 2.0 0
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15 6 15 166 14 193.9 0.283 1.559 0.036 702. 364. -10.5 0.0420 0.59 0.17 3.12 160.0 10.0 293.1 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
15 6 15 166 15 171.6 0.299 1.515 0.035 728. 392. -14.0 0.0390 0.59 0.17 3.44 149.0 10.0 292.5 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
15 6 15 166 16 139.0 0.302 1.425 0.033 748. 398. -17.8 0.0390 0.59 0.18 3.56 140.0 10.0 293.1 2.0 0
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15 6 15 166 17 97.0 0.283 1.271 0.032 760. 362. -21.0 0.0390 0.59 0.19 3.39 139.0 10.0 292.5 2.0 0
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15 6 15 166 18 48.0 0.318 1.008 0.032 766. 430. -60.2 0.0390 0.59 0.24 4.09 125.0 10.0 290.9 2.0 0
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15 6 15 166 19 -2.1 0.288 -9.000 -9.000 -999. 371. 1016.6 0.0360 0.59 0.40 4.07 118.0 10.0 288.8 2.0 0
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15 6 15 166 20 -22.0 0.224 -9.000 -9.000 -999. 256. 55.1 0.0360 0.59 1.00 3.34 116.0 10.0 287.0 2.0 0
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15 6 15 166 23 -7.7 0.115 -9.000 -9.000 -999. 95. 17.9 0.0370 0.59 1.00 1.79 27.0 10.0 284.9 2.0 0
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15 6 15 166 24 -6.0 0.102 -9.000 -9.000 -999. 79. 16.0 0.0440 0.59 1.00 1.55 359.0 10.0 284.9 2.0 0
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15 6 16 167 1 -3.7 0.081 -9.000 -9.000 -999. 56. 12.9 0.0440 0.59 1.00 1.21 351.0 10.0 285.4 2.0 0
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15 6 16 167 3 -4.3 0.087 -9.000 -9.000 -999. 61. 13.4 0.0370 0.59 1.00 1.35 22.0 10.0 284.9 2.0 0
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15 6 16 167 4 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0370 0.59 1.00 1.81 37.0 10.0 284.9 2.0 0
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15 6 16 167 5 -5.9 0.100 -9.000 -9.000 -999. 76. 15.5 0.0370 0.59 1.00 1.57 43.0 10.0 285.4 2.0 0
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15 6 16 167 6 -3.5 0.085 -9.000 -9.000 -999. 60. 15.9 0.0370 0.59 0.47 1.33 49.0 10.0 285.4 2.0 0
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15 6 16 167 7 6.6 0.112 0.379 0.034 296. 90. -19.3 0.0370 0.59 0.27 1.35 4.0 10.0 285.9 2.0 0
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15 6 16 167 8 18.9 0.132 0.582 0.038 374. 115. -11.0 0.0340 0.59 0.20 1.53 80.0 10.0 285.9 2.0 0
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15 6 16 167 9 30.1 0.123 0.735 0.040 474. 104. -5.6 0.0360 0.59 0.18 1.30 110.0 10.0 287.0 2.0 0
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15 6 16 167 10 166.8 0.183 1.405 0.039 599. 187. -3.3 0.0390 0.59 0.17 1.76 139.0 10.0 290.4 2.0 0
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15 6 16 167 11 189.0 0.252 1.487 0.036 626. 304. -7.7 0.0280 0.59 0.17 2.93 197.0 10.0 291.4 2.0 0

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15 6 16 167 12 202.3 0.381 1.541 0.034 653. 565. -24.7 0.0450 0.59 0.17 4.49 211.0 10.0 292.0 2.0 0
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15 6 16 167 13 204.0 0.293 1.566 0.032 678. 386. -11.1 0.0420 0.59 0.17 3.25 178.0 10.0 293.1 2.0 0
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15 6 16 167 14 194.3 0.316 1.558 0.029 702. 425. -14.5 0.0420 0.59 0.17 3.59 157.0 10.0 293.8 2.0 0
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15 6 16 167 15 172.2 0.313 1.507 0.027 716. 420. -16.0 0.0420 0.59 0.17 3.59 155.0 10.0 293.8 2.0 0
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15 6 16 167 16 139.5 0.276 1.412 0.026 726. 349. -13.6 0.0420 0.59 0.18 3.12 160.0 10.0 293.8 2.0 0
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15 6 16 167 17 97.3 0.312 1.256 0.025 732. 417. -28.0 0.0420 0.59 0.19 3.76 162.0 10.0 292.5 2.0 0
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15 6 16 167 18 48.0 0.342 0.993 0.024 734. 479. -74.6 0.0390 0.59 0.24 4.44 131.0 10.0 289.9 2.0 0
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15 6 16 167 19 -2.7 0.331 -9.000 -9.000 -999. 458. 1208.0 0.0390 0.59 0.39 4.61 132.0 10.0 287.0 2.0 0
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15 6 16 167 22 -6.6 0.107 -9.000 -9.000 -999. 85. 16.6 0.0370 0.59 1.00 1.67 36.0 10.0 285.4 2.0 0
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15 6 17 168 1 -5.9 0.100 -9.000 -9.000 -999. 76. 15.5 0.0370 0.59 1.00 1.57 22.0 10.0 284.9 2.0 0
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0.00 96. 1008. 10 ADJ-A1 NoSubs
15 6 17 168 6 -6.6 0.117 -9.000 -9.000 -999. 96. 22.1 0.0340 0.59 0.47 1.82 64.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
15 6 17 168 7 6.3 0.166 0.255 0.033 94. 162. -64.6 0.0370 0.59 0.27 2.16 51.0 10.0 284.9 2.0 0
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15 6 17 168 8 18.8 0.133 0.484 0.035 217. 116. -11.2 0.0420 0.59 0.20 1.47 175.0 10.0 285.4 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
15 6 17 168 9 106.2 0.151 1.073 0.042 418. 140. -2.9 0.0440 0.59 0.18 1.38 345.0 10.0 288.8 2.0 0
0.00 74. 1008. 7 ADJ-A1 NoSubs
15 6 17 168 10 164.2 0.202 1.263 0.039 442. 218. -4.5 0.0390 0.59 0.17 2.03 131.0 10.0 292.0 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
15 6 17 168 11 189.6 0.319 1.355 0.036 472. 432. -15.4 0.0280 0.59 0.17 3.97 204.0 10.0 293.1 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
15 6 17 168 12 203.0 0.312 1.430 0.033 519. 418. -13.4 0.0280 0.59 0.17 3.83 207.0 10.0 294.2 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
15 6 17 168 13 196.7 0.354 1.427 0.031 532. 504. -20.2 0.0280 0.59 0.17 4.51 190.0 10.0 293.1 2.0 0
0.00 58. 1008. 5 ADJ-A1 NoSubs
15 6 17 168 14 47.8 0.336 0.892 0.030 535. 467. -71.1 0.0280 0.59 0.17 4.63 198.0 10.0 292.0 2.0 0

0.00 62. 1008. 10 ADJ-A1 NoSubs
15 6 17 168 15 42.1 0.321 0.857 0.029 538. 437. -70.8 0.0280 0.59 0.17 4.43 194.0 10.0 291.4 2.0 0
0.00 65. 1008. 10 ADJ-A1 NoSubs
15 6 17 168 16 33.6 0.311 0.796 0.029 540. 416. -80.3 0.0280 0.59 0.18 4.31 190.0 10.0 290.4 2.0 0
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15 6 17 168 17 22.8 0.320 0.700 0.029 541. 434. -128.7 0.0420 0.59 0.19 4.19 174.0 10.0 289.2 2.0 0
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15 6 17 168 19 -7.2 0.202 -9.000 -9.000 -999. 220. 102.5 0.0420 0.59 0.39 2.88 163.0 10.0 285.4 2.0 0
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15 6 17 168 22 -6.6 0.107 -9.000 -9.000 -999. 84. 16.6 0.0390 0.59 1.00 1.65 122.0 10.0 284.9 2.0 0
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15 6 17 168 23 -8.8 0.124 -9.000 -9.000 -999. 104. 19.4 0.0370 0.59 1.00 1.91 56.0 10.0 285.4 2.0 0
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15 6 18 169 3 -2.9 0.073 -9.000 -9.000 -999. 48. 12.2 0.0450 0.59 1.00 1.04 221.0 10.0 284.2 2.0 0
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15 6 18 169 4 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0370 0.59 1.00 1.04 51.0 10.0 284.2 2.0 0
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15 6 18 169 5 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0380 0.59 1.00 1.30 308.0 10.0 283.8 2.0 0
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15 6 18 169 10 134.4 0.184 1.188 0.035 450. 189. -4.2 0.0280 0.59 0.17 1.98 183.0 10.0 291.4 2.0 0
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15 6 18 169 11 189.3 0.326 1.359 0.032 478. 446. -16.4 0.0420 0.59 0.17 3.75 165.0 10.0 292.5 2.0 0
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15 6 18 169 12 202.3 0.356 1.402 0.023 492. 509. -20.0 0.0420 0.59 0.17 4.17 179.0 10.0 292.0 2.0 0
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15 6 18 169 13 203.9 0.333 1.416 0.025 502. 461. -16.3 0.0420 0.59 0.17 3.83 163.0 10.0 292.5 2.0 0
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15 6 18 169 15 171.9 0.342 1.354 0.020 520. 480. -21.0 0.0390 0.59 0.17 4.09 142.0 10.0 292.0 2.0 0
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15 6 18 169 17 97.9 0.274 1.133 0.016 535. 345. -18.9 0.0390 0.59 0.19 3.25 130.0 10.0 293.1 2.0 0

0.00 56. 1010. 0 ADJ-A1 NoSubs
15 6 18 169 18 49.0 0.299 0.902 0.015 538. 393. -49.3 0.0390 0.59 0.24 3.81 138.0 10.0 291.4 2.0 0
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15 6 18 169 20 -18.9 0.193 -9.000 -9.000 -999. 205. 41.0 0.0390 0.59 1.00 2.86 133.0 10.0 288.1 2.0 0
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15 6 18 169 21 -15.2 0.165 -9.000 -9.000 -999. 161. 30.0 0.0390 0.59 1.00 2.47 134.0 10.0 287.0 2.0 0
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15 6 18 169 22 -2.4 0.067 -9.000 -9.000 -999. 48. 11.2 0.0280 0.59 1.00 1.00 181.0 10.0 286.4 2.0 0
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15 6 18 169 23 -7.8 0.117 -9.000 -9.000 -999. 96. 18.5 0.0440 0.59 1.00 1.76 347.0 10.0 285.4 2.0 0
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15 6 18 169 24 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.59 1.00 1.47 318.0 10.0 284.9 2.0 0
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15 6 19 170 1 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.59 1.00 1.69 316.0 10.0 284.2 2.0 0
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15 6 19 170 2 -7.1 0.111 -9.000 -9.000 -999. 89. 17.2 0.0380 0.59 1.00 1.72 313.0 10.0 283.8 2.0 0
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15 6 19 170 5 -3.2 0.076 -9.000 -9.000 -999. 51. 12.1 0.0380 0.59 1.00 1.14 323.0 10.0 282.5 2.0 0
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15 6 19 170 6 -1.7 0.063 -9.000 -9.000 -999. 38. 13.3 0.0440 0.59 0.47 0.94 344.0 10.0 284.2 2.0 0
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15 6 19 170 7 34.0 0.115 0.629 0.033 264. 94. -4.0 0.0440 0.59 0.27 1.11 333.0 10.0 286.4 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 6 19 170 8 83.9 0.174 0.943 0.033 360. 174. -5.6 0.0420 0.59 0.20 1.77 162.0 10.0 288.1 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 6 19 170 9 128.3 0.200 1.118 0.030 393. 215. -5.6 0.0420 0.59 0.18 2.04 153.0 10.0 290.4 2.0 0
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15 6 19 170 10 164.7 0.250 1.321 0.029 505. 300. -8.6 0.0420 0.59 0.17 2.69 168.0 10.0 293.8 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
15 6 19 170 11 189.9 0.275 1.402 0.026 524. 345. -9.8 0.0280 0.59 0.17 3.27 181.0 10.0 294.2 2.0 0
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15 6 19 170 12 203.7 0.297 1.448 0.023 537. 387. -11.5 0.0280 0.59 0.17 3.59 183.0 10.0 295.9 2.0 0
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15 6 19 170 15 172.8 0.334 1.409 0.015 583. 463. -19.3 0.0420 0.59 0.17 3.90 151.0 10.0 294.2 2.0 0
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15 6 19 170 16 139.6 0.368 1.322 0.013 596. 536. -32.2 0.0420 0.59 0.18 4.49 150.0 10.0 292.5 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
15 6 19 170 17 97.8 0.327 1.182 0.012 607. 450. -32.2 0.0390 0.59 0.19 4.05 143.0 10.0 292.0 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
15 6 19 170 18 49.2 0.288 0.946 0.011 619. 371. -43.4 0.0390 0.59 0.24 3.63 131.0 10.0 291.4 2.0 0
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15 6 19 170 19 -0.4 0.246 -9.000 -9.000 -999. 293. 3255.8 0.0390 0.59 0.39 3.41 144.0 10.0 289.2 2.0 0
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15 6 19 170 20 -21.9 0.223 -9.000 -9.000 -999. 253. 54.8 0.0420 0.59 1.00 3.24 152.0 10.0 287.5 2.0 0

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15 6 20 171 6 -1.1 0.053 -9.000 -9.000 -999. 29. 11.8 0.0370 0.59 0.47 0.77 47.0 10.0 284.9 2.0 0
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15 6 20 171 7 6.3 0.114 0.187 0.026 37. 93. -21.1 0.0390 0.59 0.27 1.37 142.0 10.0 285.4 2.0 0
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15 6 20 171 8 19.1 0.145 0.474 0.031 201. 133. -14.4 0.0420 0.59 0.20 1.65 155.0 10.0 287.0 2.0 0
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15 6 20 171 9 128.0 0.228 0.985 0.031 268. 261. -8.3 0.0420 0.59 0.18 2.44 152.0 10.0 289.9 2.0 0
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15 6 20 171 10 164.2 0.250 1.126 0.027 313. 301. -8.6 0.0390 0.59 0.17 2.74 149.0 10.0 292.5 2.0 0
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15 6 20 171 11 189.4 0.301 1.246 0.022 367. 397. -13.0 0.0420 0.59 0.17 3.39 155.0 10.0 293.1 2.0 0
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15 6 20 171 12 202.7 0.321 1.344 0.020 431. 437. -14.7 0.0420 0.59 0.17 3.66 160.0 10.0 293.1 2.0 0
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15 6 20 171 15 172.3 0.378 1.443 0.013 627. 559. -28.3 0.0280 0.59 0.17 4.95 185.0 10.0 292.5 2.0 0
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15 6 20 171 16 139.4 0.333 1.365 0.011 656. 463. -23.8 0.0420 0.59 0.18 3.97 172.0 10.0 291.4 2.0 0
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15 6 20 171 17 97.1 0.331 1.221 0.010 673. 458. -33.6 0.0420 0.59 0.19 4.05 164.0 10.0 289.2 2.0 0
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15 6 20 171 18 48.7 0.281 0.974 0.010 683. 360. -41.1 0.0420 0.59 0.24 3.49 161.0 10.0 288.8 2.0 0
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15 6 20 171 19 6.5 0.283 0.498 0.010 683. 362. -313.7 0.0420 0.59 0.39 3.80 155.0 10.0 287.5 2.0 0
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15 6 21 172 7 6.3 0.121 0.333 0.021 212. 101. -25.2 0.0340 0.59 0.27 1.51 76.0 10.0 285.4 2.0 0
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15 6 21 172 9 29.9 0.138 0.714 0.026 440. 124. -8.0 0.0340 0.59 0.18 1.55 74.0 10.0 286.4 2.0 0
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15 6 21 172 10 39.4 0.142 0.833 0.029 529. 128. -6.5 0.0370 0.59 0.17 1.52 54.0 10.0 289.2 2.0 0
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15 6 21 172 11 189.2 0.206 1.482 0.030 621. 225. -4.2 0.0280 0.59 0.17 2.22 197.0 10.0 292.5 2.0 0
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15 6 21 172 12 202.4 0.356 1.550 0.028 665. 510. -20.1 0.0280 0.59 0.17 4.54 201.0 10.0 292.5 2.0 0
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15 6 21 172 13 204.4 0.335 1.567 0.025 680. 467. -16.7 0.0450 0.59 0.17 3.81 216.0 10.0 293.8 2.0 0
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15 6 21 172 14 194.7 0.326 1.546 0.023 685. 446. -16.0 0.0280 0.59 0.17 4.07 187.0 10.0 293.8 2.0 0
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15 6 21 172 15 172.5 0.319 1.489 0.021 691. 433. -17.0 0.0390 0.59 0.17 3.75 144.0 10.0 292.5 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
15 6 21 172 16 139.5 0.307 1.392 0.019 696. 408. -18.6 0.0360 0.59 0.18 3.69 114.0 10.0 291.4 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
15 6 21 172 17 97.8 0.339 1.238 0.018 700. 473. -35.8 0.0360 0.59 0.19 4.29 115.0 10.0 290.9 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
15 6 21 172 18 49.0 0.350 0.985 0.018 702. 497. -78.7 0.0390 0.59 0.24 4.56 123.0 10.0 289.2 2.0 0
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15 6 22 173 1 -7.6 0.114 -9.000 -9.000 -999. 93. 17.8 0.0380 0.59 1.00 1.77 327.0 10.0 283.8 2.0 0
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15 6 22 173 8 18.4 0.123 0.587 0.028 397. 104. -9.2 0.0420 0.59 0.20 1.34 169.0 10.0 284.2 2.0 0
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15 6 22 173 12 203.0 0.280 1.542 0.022 652. 357. -9.8 0.0280 0.59 0.17 3.34 183.0 10.0 294.2 2.0 0
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0.00 50. 1011. 0 ADJ-A1 NoSubs
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15 6 22 173 18 49.2 0.403 0.983 0.012 695. 615. -120.2 0.0360 0.59 0.24 5.43 115.0 10.0 289.2 2.0 0
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15 6 23 174 8 18.8 0.123 0.535 0.028 292. 103. -8.8 0.0360 0.59 0.20 1.37 116.0 10.0 286.4 2.0 0
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15 6 23 174 9 30.1 0.140 0.652 0.031 333. 125. -8.2 0.0360 0.59 0.18 1.55 111.0 10.0 287.5 2.0 0
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15 6 23 174 13 204.0 0.304 1.466 0.023 557. 404. -12.4 0.0420 0.59 0.17 3.40 168.0 10.0 292.5 2.0 0
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15 6 23 174 14 194.8 0.356 1.458 0.020 573. 510. -20.9 0.0420 0.59 0.17 4.19 159.0 10.0 293.8 2.0 0
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15 6 23 174 15 172.9 0.346 1.412 0.018 587. 488. -21.5 0.0390 0.59 0.17 4.15 133.0 10.0 293.1 2.0 0
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15 6 23 174 16 140.2 0.353 1.328 0.016 601. 502. -28.1 0.0360 0.59 0.18 4.39 118.0 10.0 292.5 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
15 6 23 174 17 98.5 0.379 1.190 0.014 615. 560. -49.7 0.0390 0.59 0.19 4.82 130.0 10.0 292.0 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
15 6 23 174 18 50.0 0.347 0.956 0.014 628. 491. -75.0 0.0390 0.59 0.24 4.51 145.0 10.0 291.4 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
15 6 23 174 19 0.5 0.275 0.208 0.014 623. 349. -3613.7 0.0390 0.59 0.39 3.81 135.0 10.0 289.9 2.0 0
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15 6 23 174 20 -23.7 0.241 -9.000 -9.000 -999. 285. 64.1 0.0390 0.59 1.00 3.54 133.0 10.0 287.5 2.0 0
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15 6 23 174 21 -18.9 0.192 -9.000 -9.000 -999. 202. 40.4 0.0360 0.59 1.00 2.88 108.0 10.0 286.4 2.0 0
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15 6 23 174 22 -12.3 0.147 -9.000 -9.000 -999. 135. 23.7 0.0340 0.59 1.00 2.27 74.0 10.0 286.4 2.0 0
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15 6 24 175 12 202.2 0.312 1.531 0.031 639. 417. -13.5 0.0280 0.59 0.17 3.83 203.0 10.0 292.0 2.0 0
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15 6 24 175 14 194.9 0.333 1.538 0.026 673. 462. -17.1 0.0420 0.59 0.17 3.85 174.0 10.0 293.8 2.0 0
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15 6 24 175 17 98.6 0.305 1.246 0.021 706. 405. -25.9 0.0420 0.59 0.19 3.66 158.0 10.0 292.0 2.0 0
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15 6 24 175 18 49.7 0.298 0.994 0.021 709. 391. -47.8 0.0420 0.59 0.24 3.73 150.0 10.0 289.9 2.0 0
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15 6 24 175 19 0.2 0.222 0.151 0.021 708. 254. -5626.9 0.0390 0.59 0.39 3.08 141.0 10.0 288.1 2.0 0
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15 6 24 175 20 -20.2 0.205 -9.000 -9.000 -999. 223. 46.3 0.0390 0.59 1.00 3.03 144.0 10.0 286.4 2.0 0
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15 6 24 175 21 -18.3 0.186 -9.000 -9.000 -999. 192. 38.0 0.0390 0.59 1.00 2.76 127.0 10.0 285.9 2.0 0
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15 6 24 175 23 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.59 1.00 1.20 55.0 10.0 286.4 2.0 0
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15 6 25 176 1 -6.1 0.103 -9.000 -9.000 -999. 79. 16.1 0.0420 0.59 1.00 1.57 161.0 10.0 285.4 2.0 0
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15 6 25 176 5 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0370 0.59 1.00 1.31 4.0 10.0 285.4 2.0 0
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15 6 25 176 6 -2.4 0.070 -9.000 -9.000 -999. 45. 13.0 0.0370 0.59 0.47 1.09 4.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
15 6 25 176 7 6.1 0.074 0.217 0.031 60. 49. -6.0 0.0280 0.59 0.27 0.84 202.0 10.0 285.4 2.0 0
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15 6 25 176 8 83.4 -9.000 -9.000 -9.000 219. -999. -99999.0 0.0373 0.59 0.20 999.00 999.0 -9.0 289.9 2.0
0 0.00 72. 1008. 0 NAD NoSubs
15 6 25 176 9 128.4 -9.000 -9.000 -9.000 326. -999. -99999.0 0.0373 0.59 0.18 999.00 999.0 -9.0 293.1 2.0
0 0.00 60. 1008. 0 NAD NoSubs
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15 6 25 176 11 189.5 0.382 1.292 0.011 410. 566. -26.4 0.0280 0.59 0.17 4.97 198.0 10.0 294.2 2.0 0

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15 6 25 176 13 205.0 0.403 1.414 0.008 497. 613. -28.7 0.0450 0.59 0.17 4.80 228.0 10.0 295.4 2.0 0
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15 6 25 176 15 174.3 0.391 1.387 0.009 551. 586. -30.8 0.0450 0.59 0.17 4.68 229.0 10.0 296.4 2.0 0
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15 6 25 176 17 100.0 0.327 1.175 0.009 583. 450. -31.5 0.0450 0.59 0.19 3.93 222.0 10.0 295.4 2.0 0
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15 6 25 176 18 51.1 0.255 0.945 0.009 593. 312. -29.3 0.0280 0.59 0.24 3.35 193.0 10.0 293.8 2.0 0
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0.00 96. 1008. 10 ADJ-A1 NoSubs
15 6 26 177 7 6.2 0.107 0.239 0.029 79. 84. -17.6 0.0320 0.59 0.27 1.31 271.0 10.0 285.9 2.0 0
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15 6 26 177 8 18.7 0.121 0.424 0.031 147. 101. -8.5 0.0450 0.59 0.20 1.28 217.0 10.0 286.4 2.0 0
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15 6 26 177 9 105.6 0.269 0.845 0.025 205. 336. -16.7 0.0450 0.59 0.18 3.06 226.0 10.0 289.9 2.0 0
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15 6 26 177 11 188.8 0.348 1.304 0.020 423. 492. -20.1 0.0450 0.59 0.17 4.02 217.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
15 6 26 177 12 202.3 0.413 1.370 0.011 458. 636. -31.3 0.0450 0.59 0.17 4.95 227.0 10.0 292.5 2.0 0
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15 6 26 177 14 157.8 0.481 1.343 0.008 553. 799. -63.3 0.0360 0.59 0.17 6.29 240.0 10.0 291.4 2.0 0

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15 6 26 177 15 41.6 0.438 0.864 0.010 558. 697. -181.4 0.0360 0.59 0.17 5.97 241.0 10.0 289.2 2.0 0
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15 6 26 177 16 33.7 0.391 0.808 0.013 562. 588. -159.2 0.0450 0.59 0.18 5.09 239.0 10.0 289.9 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
15 6 26 177 17 83.0 0.441 1.097 0.010 572. 702. -92.9 0.0450 0.59 0.19 5.63 227.0 10.0 289.2 2.0 0
0.00 77. 1009. 7 ADJ-A1 NoSubs
15 6 26 177 18 54.2 0.352 0.956 0.014 579. 506. -72.2 0.0450 0.59 0.24 4.44 230.0 10.0 289.2 2.0 0
0.00 77. 1009. 3 ADJ-A1 NoSubs
15 6 26 177 19 7.2 0.286 0.488 0.014 580. 369. -291.2 0.0450 0.59 0.38 3.78 235.0 10.0 288.8 2.0 0
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15 6 27 178 13 204.4 0.456 1.499 0.010 596. 739. -41.9 0.0450 0.59 0.17 5.58 225.0 10.0 293.8 2.0 0
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15 6 28 179 11 182.4 0.352 1.411 0.027 557. 502. -21.6 0.0450 0.59 0.17 4.10 229.0 10.0 292.5 2.0 0
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15 6 28 179 18 50.7 0.310 0.985 0.016 678. 417. -53.0 0.0450 0.59 0.24 3.85 224.0 10.0 291.4 2.0 0
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15 6 29 180 18 51.5 0.312 0.979 0.018 654. 419. -53.1 0.0420 0.59 0.24 3.93 152.0 10.0 293.8 2.0 0
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0.00 77. 1008. 0 ADJ-A1 NoSubs
15 7 1 182 9 126.9 0.173 0.922 0.035 222. 173. -3.7 0.0370 0.59 0.18 1.72 6.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
15 7 1 182 10 164.9 0.175 1.058 0.030 259. 176. -2.9 0.0360 0.59 0.17 1.69 265.0 10.0 298.1 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
15 7 1 182 11 192.3 0.252 1.264 0.027 378. 303. -7.5 0.0360 0.59 0.17 2.76 260.0 10.0 302.0 2.0 0
0.00 42. 1008. 0 ADJ-A1 NoSubs
15 7 1 182 12 204.1 0.365 1.337 0.013 421. 530. -21.5 0.0280 0.59 0.17 4.68 196.0 10.0 298.1 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
15 7 1 182 13 204.4 0.352 1.363 0.014 446. 501. -19.2 0.0450 0.59 0.17 4.05 233.0 10.0 294.2 2.0 0
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15 7 1 182 14 195.6 0.362 1.367 0.014 470. 523. -21.9 0.0450 0.59 0.17 4.22 220.0 10.0 295.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
15 7 1 182 15 174.5 0.293 1.377 0.013 539. 384. -13.0 0.0450 0.59 0.17 3.25 223.0 10.0 296.4 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
15 7 1 182 16 146.0 0.285 1.330 0.011 580. 365. -14.2 0.0360 0.59 0.18 3.34 242.0 10.0 297.5 2.0 0
0.00 44. 1007. 3 ADJ-A1 NoSubs
15 7 1 182 17 99.0 0.317 1.177 0.010 592. 428. -28.8 0.0280 0.59 0.19 4.15 192.0 10.0 291.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
15 7 1 182 18 50.8 0.206 0.947 0.009 601. 231. -15.5 0.0280 0.59 0.24 2.57 195.0 10.0 291.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
15 7 1 182 19 0.9 0.195 0.251 0.010 599. 206. -700.2 0.0280 0.59 0.38 2.84 205.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
15 7 1 182 20 -6.3 0.106 -9.000 -9.000 -999. 85. 16.7 0.0450 0.59 1.00 1.59 221.0 10.0 288.8 2.0 0
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15 7 1 182 21 -3.4 0.076 -9.000 -9.000 -999. 51. 11.9 0.0280 0.59 1.00 1.23 189.0 10.0 288.8 2.0 0
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15 7 1 182 22 -6.0 0.103 -9.000 -9.000 -999. 79. 16.1 0.0420 0.59 1.00 1.57 168.0 10.0 288.1 2.0 0
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15 7 1 182 23 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0280 0.59 1.00 1.57 193.0 10.0 288.1 2.0 0
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15 7 2 183 1 -5.5 0.097 -9.000 -9.000 -999. 72. 14.7 0.0280 0.59 1.00 1.59 187.0 10.0 287.0 2.0 0
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15 7 2 183 2 -4.4 0.087 -9.000 -9.000 -999. 61. 13.1 0.0280 0.59 1.00 1.42 196.0 10.0 287.0 2.0 0
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15 7 2 183 3 -5.2 0.094 -9.000 -9.000 -999. 69. 14.2 0.0280 0.59 1.00 1.54 184.0 10.0 287.0 2.0 0
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15 7 2 183 4 -6.9 0.110 -9.000 -9.000 -999. 87. 17.4 0.0450 0.59 1.00 1.65 221.0 10.0 287.0 2.0 0
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15 7 2 183 5 -8.1 0.117 -9.000 -9.000 -999. 97. 18.0 0.0280 0.59 1.00 1.91 199.0 10.0 286.4 2.0 0

0.00 100. 1009. 10 ADJ-A1 NoSubs
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15 7 2 183 7 6.0 0.099 0.256 0.036 100. 75. -14.6 0.0280 0.59 0.27 1.23 208.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
15 7 2 183 8 83.1 0.134 0.746 0.034 180. 117. -2.6 0.0280 0.59 0.20 1.35 204.0 10.0 290.4 2.0 0
0.00 80. 1010. 5 ADJ-A1 NoSubs
15 7 2 183 9 126.7 0.186 0.924 0.030 224. 192. -4.6 0.0420 0.59 0.18 1.84 157.0 10.0 292.5 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
15 7 2 183 10 163.5 0.257 1.081 0.020 279. 312. -9.3 0.0420 0.59 0.17 2.79 166.0 10.0 295.4 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
15 7 2 183 11 189.1 0.362 1.186 0.007 318. 522. -22.5 0.0450 0.59 0.17 4.22 214.0 10.0 295.4 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
15 7 2 183 12 203.1 0.335 1.273 0.009 366. 466. -16.7 0.0280 0.59 0.17 4.20 206.0 10.0 295.9 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
15 7 2 183 13 205.2 0.294 1.344 0.011 427. 383. -11.1 0.0450 0.59 0.17 3.20 216.0 10.0 296.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
15 7 2 183 14 197.0 0.258 1.416 0.007 519. 316. -7.9 0.0450 0.59 0.17 2.71 216.0 10.0 298.8 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
15 7 2 183 15 173.7 0.329 1.433 0.006 610. 454. -18.5 0.0450 0.59 0.17 3.78 231.0 10.0 294.2 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
15 7 2 183 16 140.4 0.351 1.374 0.005 665. 499. -27.7 0.0450 0.59 0.18 4.17 226.0 10.0 291.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
15 7 2 183 17 83.4 0.279 1.172 0.005 695. 356. -23.4 0.0450 0.59 0.19 3.27 236.0 10.0 289.9 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
15 7 2 183 18 50.5 0.235 1.001 0.005 716. 274. -23.1 0.0360 0.59 0.24 2.88 241.0 10.0 290.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 7 2 183 19 1.1 0.188 0.281 0.005 716. 196. -532.0 0.0360 0.59 0.38 2.61 246.0 10.0 289.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 7 2 183 20 -11.9 0.146 -9.000 -9.000 -999. 134. 23.7 0.0450 0.59 1.00 2.15 232.0 10.0 288.8 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
15 7 2 183 21 -8.8 0.125 -9.000 -9.000 -999. 106. 20.0 0.0450 0.59 1.00 1.86 226.0 10.0 288.1 2.0 0
0.00 93. 1009. 0 ADJ-A1 NoSubs
15 7 2 183 22 -7.3 0.112 -9.000 -9.000 -999. 89. 17.1 0.0280 0.59 1.00 1.82 195.0 10.0 288.1 2.0 0
0.00 93. 1009. 5 ADJ-A1 NoSubs
15 7 2 183 23 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0360 0.59 1.00 1.21 269.0 10.0 288.8 2.0 0
0.00 92. 1009. 7 ADJ-A1 NoSubs
15 7 2 183 24 -2.7 0.071 -9.000 -9.000 -999. 45. 11.9 0.0390 0.59 1.00 1.03 149.0 10.0 288.8 2.0 0
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15 7 3 184 1 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0280 0.59 1.00 1.45 202.0 10.0 288.1 2.0 0
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15 7 3 184 2 -3.9 0.082 -9.000 -9.000 -999. 57. 12.7 0.0320 0.59 1.00 1.31 288.0 10.0 288.1 2.0 0
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15 7 3 184 3 -6.6 0.107 -9.000 -9.000 -999. 83. 16.5 0.0360 0.59 1.00 1.67 251.0 10.0 287.5 2.0 0
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15 7 3 184 4 -4.0 0.083 -9.000 -9.000 -999. 58. 12.9 0.0320 0.59 1.00 1.33 285.0 10.0 288.1 2.0 0
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15 7 3 184 5 -6.4 0.106 -9.000 -9.000 -999. 83. 16.8 0.0450 0.59 1.00 1.60 220.0 10.0 287.5 2.0 0
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15 7 3 184 6 -6.1 0.113 -9.000 -9.000 -999. 91. 21.1 0.0450 0.59 0.49 1.67 219.0 10.0 287.5 2.0 0
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15 7 3 184 7 6.1 0.122 0.315 0.025 186. 103. -27.1 0.0360 0.59 0.27 1.52 243.0 10.0 287.5 2.0 0
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15 7 3 184 8 19.0 0.174 0.501 0.027 238. 175. -25.2 0.0450 0.59 0.20 2.06 212.0 10.0 289.2 2.0 0

0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 3 184 9 30.5 0.155 0.637 0.029 305. 146. -10.9 0.0420 0.59 0.18 1.71 176.0 10.0 290.9 2.0 0
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15 7 3 184 10 162.5 0.260 1.272 0.032 456. 318. -9.8 0.0420 0.59 0.17 2.84 164.0 10.0 293.1 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
15 7 3 184 11 189.2 0.302 1.372 0.029 491. 399. -13.2 0.0280 0.59 0.17 3.71 189.0 10.0 295.9 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
15 7 3 184 12 203.0 0.327 1.423 0.026 511. 448. -15.5 0.0280 0.59 0.17 4.07 201.0 10.0 295.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
15 7 3 184 13 204.5 0.359 1.444 0.023 529. 515. -20.3 0.0450 0.59 0.17 4.15 222.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
15 7 3 184 14 195.3 0.364 1.438 0.020 547. 526. -22.1 0.0450 0.59 0.17 4.24 221.0 10.0 294.9 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
15 7 3 184 15 173.3 0.387 1.405 0.018 576. 578. -30.1 0.0450 0.59 0.17 4.63 218.0 10.0 293.1 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
15 7 3 184 16 143.7 0.382 1.359 0.018 628. 566. -34.7 0.0450 0.59 0.18 4.61 226.0 10.0 291.4 2.0 0
0.00 77. 1007. 3 ADJ-A1 NoSubs
15 7 3 184 17 23.6 0.365 0.748 0.018 636. 530. -185.4 0.0450 0.59 0.19 4.78 227.0 10.0 290.4 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
15 7 3 184 18 11.2 0.311 0.585 0.018 639. 418. -241.3 0.0450 0.59 0.24 4.10 237.0 10.0 289.2 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
15 7 3 184 19 -4.4 0.227 -9.000 -9.000 -999. 263. 238.2 0.0450 0.59 0.38 3.15 238.0 10.0 288.8 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
15 7 3 184 20 -12.2 0.148 -9.000 -9.000 -999. 139. 24.2 0.0450 0.59 1.00 2.18 238.0 10.0 288.1 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
15 7 3 184 21 -10.5 0.137 -9.000 -9.000 -999. 122. 22.1 0.0450 0.59 1.00 2.03 218.0 10.0 288.1 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
15 7 3 184 22 -6.1 0.102 -9.000 -9.000 -999. 78. 15.5 0.0280 0.59 1.00 1.67 200.0 10.0 288.1 2.0 0
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15 7 3 184 23 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0280 0.59 1.00 1.28 206.0 10.0 288.1 2.0 0
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15 7 3 184 24 -3.4 0.079 -9.000 -9.000 -999. 53. 12.7 0.0450 0.59 1.00 1.16 214.0 10.0 288.1 2.0 0
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15 7 4 185 1 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0360 0.59 1.00 1.09 243.0 10.0 287.5 2.0 0
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15 7 4 185 2 -3.5 0.077 -9.000 -9.000 -999. 52. 12.0 0.0280 0.59 1.00 1.25 186.0 10.0 287.5 2.0 0
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15 7 4 185 3 -4.4 0.087 -9.000 -9.000 -999. 62. 13.7 0.0390 0.59 1.00 1.35 139.0 10.0 287.5 2.0 0
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15 7 4 185 4 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0340 0.59 1.00 1.38 66.0 10.0 287.5 2.0 0
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15 7 4 185 5 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.59 1.00 1.09 32.0 10.0 287.5 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
15 7 4 185 6 -3.1 0.079 -9.000 -9.000 -999. 54. 14.2 0.0340 0.59 0.49 1.26 61.0 10.0 287.5 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
15 7 4 185 7 6.1 0.107 0.424 0.037 444. 84. -18.0 0.0370 0.59 0.28 1.28 55.0 10.0 288.1 2.0 0
0.00 93. 1006. 10 ADJ-A1 NoSubs
15 7 4 185 8 18.9 0.110 0.621 0.037 455. 88. -6.4 0.0370 0.59 0.20 1.18 48.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 4 185 9 30.3 0.167 0.736 0.036 472. 164. -13.8 0.0450 0.59 0.18 1.86 219.0 10.0 290.4 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
15 7 4 185 10 39.8 0.230 0.819 0.035 495. 265. -27.6 0.0280 0.59 0.17 3.01 208.0 10.0 292.0 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
15 7 4 185 11 181.8 0.308 1.433 0.033 582. 410. -14.4 0.0280 0.59 0.17 3.81 208.0 10.0 293.1 2.0 0

0.00 69. 1007. 5 ADJ-A1 NoSubs
15 7 4 185 12 201.8 0.387 1.544 0.031 656. 579. -25.9 0.0450 0.59 0.17 4.58 220.0 10.0 293.1 2.0 0
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15 7 4 185 13 203.8 0.411 1.569 0.029 681. 632. -30.6 0.0450 0.59 0.17 4.92 234.0 10.0 293.1 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 7 4 185 14 158.1 0.432 1.454 0.027 699. 680. -45.6 0.0450 0.59 0.17 5.31 232.0 10.0 292.5 2.0 0
0.00 72. 1007. 7 ADJ-A1 NoSubs
15 7 4 185 15 42.5 0.408 0.941 0.027 704. 625. -142.8 0.0450 0.59 0.17 5.29 232.0 10.0 292.0 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
15 7 4 185 16 34.1 0.362 0.876 0.026 707. 524. -124.8 0.0360 0.59 0.18 4.88 240.0 10.0 290.9 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
15 7 4 185 17 23.6 0.312 0.775 0.026 709. 419. -115.2 0.0360 0.59 0.19 4.19 241.0 10.0 290.4 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
15 7 4 185 18 11.4 0.248 0.609 0.026 709. 298. -120.3 0.0360 0.59 0.24 3.34 243.0 10.0 289.9 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
15 7 4 185 19 -3.7 0.211 -9.000 -9.000 -999. 233. 226.0 0.0450 0.59 0.38 2.93 234.0 10.0 289.2 2.0 0
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15 7 4 185 20 -10.5 0.136 -9.000 -9.000 -999. 123. 21.6 0.0360 0.59 1.00 2.10 251.0 10.0 288.8 2.0 0
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15 7 4 185 21 -5.5 0.098 -9.000 -9.000 -999. 74. 15.2 0.0360 0.59 1.00 1.54 240.0 10.0 288.8 2.0 0
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15 7 4 185 22 -8.0 0.118 -9.000 -9.000 -999. 98. 18.5 0.0360 0.59 1.00 1.84 245.0 10.0 288.8 2.0 0
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15 7 4 185 23 -17.7 0.182 -9.000 -9.000 -999. 186. 36.3 0.0280 0.59 1.00 2.86 207.0 10.0 288.8 2.0 0
0.00 89. 1007. 10 ADJ-SFC NoSubs
15 7 4 185 24 -13.5 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.59 1.00 2.36 241.0 10.0 288.1 2.0 0
0.00 93. 1007. 10 ADJ-SFC NoSubs
15 7 5 186 1 -7.3 0.113 -9.000 -9.000 -999. 91. 17.6 0.0360 0.59 1.00 1.76 246.0 10.0 288.1 2.0 0
0.00 93. 1007. 10 ADJ-SFC NoSubs
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0.00 93. 1007. 10 ADJ-SFC NoSubs
15 7 5 186 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 288.1 2.0 0
0.00 93. 1008. 10 ADJ-SFC NoSubs
15 7 5 186 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 288.1 2.0 0
0.00 93. 1008. 10 ADJ-SFC NoSubs
15 7 5 186 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.5 2.0 0
0.00 96. 1008. 10 ADJ-SFC NoSubs
15 7 5 186 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.50 0.00 0.0 10.0 288.8 2.0 0
0.00 89. 1009. 10 ADJ-SFC NoSubs
15 7 5 186 7 6.2 0.185 0.368 0.009 289. 191. -91.5 0.0450 0.59 0.28 2.36 233.0 10.0 288.8 2.0 11
0.50 96. 1010. 10 ADJ-SFC NoSubs
15 7 5 186 8 18.7 0.261 0.568 0.023 353. 320. -85.6 0.0450 0.59 0.20 3.32 215.0 10.0 288.8 2.0 11
0.20 96. 1010. 10 ADJ-A1 NoSubs
15 7 5 186 9 30.1 0.270 0.696 0.027 403. 336. -58.9 0.0280 0.59 0.18 3.69 209.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 5 186 10 39.2 0.310 0.794 0.029 460. 414. -68.3 0.0450 0.59 0.17 3.90 226.0 10.0 290.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 7 5 186 11 46.0 0.326 0.872 0.030 520. 446. -67.8 0.0450 0.59 0.17 4.10 223.0 10.0 291.4 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
15 7 5 186 12 50.0 0.365 0.929 0.031 578. 529. -87.6 0.0450 0.59 0.17 4.65 231.0 10.0 293.1 2.0 0
0.00 67. 1011. 10 ADJ-A1 NoSubs
15 7 5 186 13 196.9 0.377 1.602 0.033 753. 556. -24.6 0.0450 0.59 0.17 4.44 232.0 10.0 294.2 2.0 0
0.00 65. 1010. 5 ADJ-A1 NoSubs
15 7 5 186 14 158.3 0.425 1.504 0.031 775. 665. -43.8 0.0450 0.59 0.17 5.22 236.0 10.0 293.1 2.0 0

0.00 69. 1010. 7 ADJ-A1 NoSubs
15 7 5 186 15 42.9 0.408 0.976 0.031 780. 625. -142.0 0.0450 0.59 0.17 5.29 226.0 10.0 293.1 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
15 7 5 186 16 34.7 0.409 0.911 0.030 784. 627. -177.1 0.0450 0.59 0.18 5.34 235.0 10.0 292.5 2.0 0
0.00 72. 1009. 10 ADJ-A1 NoSubs
15 7 5 186 17 83.9 0.371 1.225 0.029 789. 543. -54.7 0.0450 0.59 0.19 4.61 235.0 10.0 291.4 2.0 0
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15 7 5 186 18 11.5 0.331 0.633 0.029 790. 457. -282.3 0.0450 0.59 0.24 4.37 229.0 10.0 290.4 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
15 7 5 186 19 -4.1 0.259 -9.000 -9.000 -999. 319. 377.8 0.0450 0.59 0.38 3.56 234.0 10.0 289.9 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 7 5 186 20 -17.4 0.178 -9.000 -9.000 -999. 183. 34.9 0.0360 0.59 1.00 2.69 240.0 10.0 289.2 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 7 5 186 21 -13.7 0.157 -9.000 -9.000 -999. 150. 27.2 0.0450 0.59 1.00 2.30 230.0 10.0 289.2 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 7 5 186 22 -10.4 0.135 -9.000 -9.000 -999. 119. 21.4 0.0360 0.59 1.00 2.08 245.0 10.0 288.8 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 7 5 186 23 -7.2 0.113 -9.000 -9.000 -999. 91. 17.9 0.0450 0.59 1.00 1.69 234.0 10.0 288.8 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 7 5 186 24 -6.6 0.108 -9.000 -9.000 -999. 85. 17.0 0.0450 0.59 1.00 1.62 216.0 10.0 288.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
15 7 6 187 1 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0450 0.59 1.00 1.25 220.0 10.0 288.1 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
15 7 6 187 2 -3.7 0.081 -9.000 -9.000 -999. 56. 13.0 0.0450 0.59 1.00 1.21 223.0 10.0 288.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
15 7 6 187 3 -4.9 0.093 -9.000 -9.000 -999. 68. 14.6 0.0450 0.59 1.00 1.40 219.0 10.0 288.1 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
15 7 6 187 4 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0280 0.59 1.00 1.77 187.0 10.0 288.1 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
15 7 6 187 5 -9.9 0.130 -9.000 -9.000 -999. 113. 20.2 0.0280 0.59 1.00 2.10 203.0 10.0 288.1 2.0 11
0.30 96. 1012. 10 ADJ-A1 NoSubs
15 7 6 187 6 -9.2 0.139 -9.000 -9.000 -999. 124. 26.2 0.0450 0.59 0.50 2.03 229.0 10.0 288.1 2.0 11
0.20 96. 1013. 10 ADJ-A1 NoSubs
15 7 6 187 7 6.1 0.127 0.364 0.005 284. 109. -30.2 0.0450 0.59 0.28 1.52 229.0 10.0 288.8 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
15 7 6 187 8 18.9 0.132 0.573 0.006 360. 116. -11.1 0.0280 0.59 0.20 1.60 195.0 10.0 289.9 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
15 7 6 187 9 30.2 0.123 0.725 0.015 456. 104. -5.6 0.0390 0.59 0.18 1.28 140.0 10.0 290.4 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
15 7 6 187 10 39.5 0.175 0.848 0.019 557. 176. -12.3 0.0420 0.59 0.17 1.96 154.0 10.0 291.4 2.0 0
0.00 75. 1013. 10 ADJ-A1 NoSubs
15 7 6 187 11 46.9 0.208 0.950 0.020 660. 227. -17.2 0.0280 0.59 0.17 2.61 184.0 10.0 294.2 2.0 0
0.00 65. 1013. 10 ADJ-A1 NoSubs
15 7 6 187 12 194.8 0.405 1.628 0.026 801. 618. -30.8 0.0450 0.59 0.17 4.85 212.0 10.0 294.2 2.0 0
0.00 63. 1013. 5 ADJ-A1 NoSubs
15 7 6 187 13 204.3 0.440 1.693 0.027 859. 699. -37.5 0.0450 0.59 0.17 5.34 211.0 10.0 294.9 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
15 7 6 187 14 194.9 0.441 1.689 0.026 894. 703. -39.8 0.0450 0.59 0.17 5.38 212.0 10.0 294.2 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
15 7 6 187 15 173.0 0.366 1.635 0.025 913. 535. -25.5 0.0280 0.59 0.17 4.75 195.0 10.0 292.5 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
15 7 6 187 16 141.2 0.313 1.532 0.024 919. 422. -19.5 0.0420 0.59 0.18 3.66 153.0 10.0 293.8 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
15 7 6 187 17 99.6 0.302 1.366 0.023 924. 399. -25.0 0.0360 0.59 0.19 3.73 116.0 10.0 293.1 2.0 0

0.00 67. 1010. 0 ADJ-A1 NoSubs
15 7 6 187 18 51.1 0.264 1.095 0.023 926. 326. -32.4 0.0360 0.59 0.24 3.32 101.0 10.0 292.5 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
15 7 6 187 19 1.4 0.245 0.330 0.023 926. 291. -948.1 0.0360 0.59 0.38 3.42 108.0 10.0 291.4 2.0 0
0.00 75. 1011. 0 ADJ-A1 NoSubs
15 7 6 187 20 -23.8 0.244 -9.000 -9.000 -999. 290. 65.6 0.0360 0.59 1.00 3.63 113.0 10.0 289.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 7 6 187 21 -15.7 0.168 -9.000 -9.000 -999. 167. 30.9 0.0360 0.59 1.00 2.54 97.0 10.0 289.2 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 7 6 187 22 -9.3 0.127 -9.000 -9.000 -999. 109. 20.0 0.0340 0.59 1.00 1.99 72.0 10.0 289.2 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 7 6 187 23 -6.4 0.105 -9.000 -9.000 -999. 82. 16.4 0.0370 0.59 1.00 1.64 45.0 10.0 288.8 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
15 7 6 187 24 -5.5 0.098 -9.000 -9.000 -999. 73. 15.2 0.0370 0.59 1.00 1.53 1.0 10.0 288.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 7 7 188 1 -6.1 0.103 -9.000 -9.000 -999. 79. 16.0 0.0380 0.59 1.00 1.60 319.0 10.0 287.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
15 7 7 188 2 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0380 0.59 1.00 1.72 315.0 10.0 287.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
15 7 7 188 3 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0380 0.59 1.00 1.72 314.0 10.0 287.0 2.0 0
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15 7 7 188 4 -5.1 0.094 -9.000 -9.000 -999. 70. 14.8 0.0440 0.59 1.00 1.43 330.0 10.0 285.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
15 7 7 188 5 -2.2 0.066 -9.000 -9.000 -999. 40. 11.5 0.0320 0.59 1.00 0.92 277.0 10.0 286.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
15 7 7 188 6 -4.2 0.091 -9.000 -9.000 -999. 66. 16.3 0.0370 0.59 0.50 1.42 23.0 10.0 288.1 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 7 7 188 7 6.2 0.108 0.365 0.007 283. 85. -18.2 0.0340 0.59 0.28 1.31 60.0 10.0 289.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
15 7 7 188 8 19.0 0.131 0.566 0.008 345. 114. -10.8 0.0340 0.59 0.20 1.52 86.0 10.0 290.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
15 7 7 188 9 125.6 0.188 1.257 0.019 571. 196. -4.8 0.0420 0.59 0.18 1.88 159.0 10.0 293.1 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
15 7 7 188 10 164.9 0.316 1.468 0.024 693. 427. -17.3 0.0280 0.59 0.17 3.98 199.0 10.0 293.8 2.0 0
0.00 67. 1011. 3 ADJ-A1 NoSubs
15 7 7 188 11 188.2 0.362 1.614 0.022 806. 523. -22.8 0.0450 0.59 0.17 4.24 214.0 10.0 295.4 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
15 7 7 188 12 202.5 0.477 1.706 0.021 885. 790. -48.3 0.0450 0.59 0.17 5.89 236.0 10.0 295.9 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
15 7 7 188 13 204.8 0.484 1.755 0.019 952. 808. -49.9 0.0450 0.59 0.17 5.99 236.0 10.0 296.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
15 7 7 188 14 195.5 0.553 1.751 0.018 990. 987. -78.0 0.0450 0.59 0.17 7.01 234.0 10.0 295.9 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
15 7 7 188 15 174.2 0.518 1.695 0.016 1007. 896. -71.6 0.0450 0.59 0.17 6.53 228.0 10.0 295.9 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
15 7 7 188 16 141.7 0.555 1.590 0.015 1020. 991. -108.3 0.0450 0.59 0.18 7.13 237.0 10.0 295.4 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
15 7 7 188 17 99.7 0.426 1.418 0.015 1029. 681. -69.4 0.0450 0.59 0.19 5.36 210.0 10.0 293.8 2.0 0
0.00 65. 1008. 0 ADJ-SFC NoSubs
15 7 7 188 18 50.8 0.277 1.134 0.014 1033. 367. -37.4 0.0450 0.59 0.24 3.36 215.0 10.0 292.0 2.0 0
0.00 72. 1008. 0 ADJ-SFC NoSubs
15 7 7 188 19 0.9 0.261 0.301 0.014 1032. 321. -1704.6 0.0280 0.59 0.38 3.83 181.0 10.0 290.4 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 7 7 188 20 -19.8 0.203 -9.000 -9.000 -999. 221. 45.4 0.0390 0.59 1.00 3.00 141.0 10.0 289.2 2.0 0

0.00 89. 1008. 10 ADJ-A1 NoSubs
15 7 7 188 21 -22.2 0.228 -9.000 -9.000 -999. 261. 57.2 0.0360 0.59 1.00 3.40 99.0 10.0 289.2 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
15 7 7 188 22 -21.1 0.217 -9.000 -9.000 -999. 242. 51.6 0.0340 0.59 1.00 3.27 66.0 10.0 289.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 7 7 188 23 -16.1 0.170 -9.000 -9.000 -999. 169. 31.8 0.0370 0.59 1.00 2.56 45.0 10.0 289.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 7 7 188 24 -12.5 0.149 -9.000 -9.000 -999. 138. 24.5 0.0370 0.59 1.00 2.27 45.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 1 -10.5 0.136 -9.000 -9.000 -999. 120. 21.4 0.0340 0.59 1.00 2.11 66.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 2 -11.5 0.143 -9.000 -9.000 -999. 130. 22.8 0.0370 0.59 1.00 2.18 53.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 3 -18.5 0.190 -9.000 -9.000 -999. 198. 39.5 0.0340 0.59 1.00 2.88 63.0 10.0 288.1 2.0 0
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15 7 8 189 4 -15.4 0.166 -9.000 -9.000 -999. 162. 30.2 0.0340 0.59 1.00 2.54 83.0 10.0 288.1 2.0 0
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15 7 8 189 5 -5.0 0.092 -9.000 -9.000 -999. 69. 14.3 0.0340 0.59 1.00 1.47 62.0 10.0 288.1 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 6 -3.2 0.079 -9.000 -9.000 -999. 54. 14.0 0.0340 0.59 0.51 1.26 80.0 10.0 288.1 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 7 5.8 0.109 0.391 0.007 373. 86. -20.1 0.0390 0.59 0.28 1.30 129.0 10.0 288.1 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 8 18.4 0.102 0.604 0.012 429. 78. -5.2 0.0450 0.59 0.20 1.01 231.0 10.0 288.8 2.0 11
0.30 89. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 9 29.7 0.124 0.748 0.014 506. 104. -5.7 0.0360 0.59 0.18 1.31 252.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 10 39.2 0.142 0.866 0.017 594. 129. -6.6 0.0420 0.59 0.17 1.48 179.0 10.0 290.9 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 11 46.0 0.224 0.957 0.023 684. 255. -22.0 0.0280 0.59 0.17 2.88 193.0 10.0 292.0 2.0 0
0.00 67. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 12 49.2 0.322 1.041 0.025 824. 439. -61.0 0.0450 0.59 0.17 4.03 218.0 10.0 290.9 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
15 7 8 189 13 50.5 0.316 1.054 0.024 832. 426. -55.9 0.0450 0.59 0.17 3.93 235.0 10.0 293.1 2.0 0
0.00 60. 1006. 10 ADJ-A1 NoSubs
15 7 8 189 14 195.2 0.352 1.669 0.023 855. 501. -20.1 0.0450 0.59 0.17 4.07 233.0 10.0 295.4 2.0 0
0.00 50. 1005. 0 ADJ-A1 NoSubs
15 7 8 189 15 173.3 0.496 1.616 0.022 875. 837. -63.0 0.0450 0.59 0.17 6.21 231.0 10.0 293.8 2.0 0
0.00 53. 1005. 0 ADJ-A1 NoSubs
15 7 8 189 16 140.8 0.521 1.517 0.020 890. 901. -89.9 0.0450 0.59 0.18 6.64 231.0 10.0 293.1 2.0 0
0.00 58. 1005. 0 ADJ-A1 NoSubs
15 7 8 189 17 98.7 0.571 1.352 0.015 898. 1034. -169.0 0.0450 0.59 0.19 7.45 227.0 10.0 290.9 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
15 7 8 189 18 50.2 0.452 1.081 0.020 903. 742. -164.7 0.0450 0.59 0.24 5.89 222.0 10.0 290.4 2.0 0
0.00 75. 1005. 0 ADJ-A1 NoSubs
15 7 8 189 19 0.7 0.240 0.256 0.020 903. 327. -1861.1 0.0280 0.59 0.39 3.52 207.0 10.0 289.9 2.0 0
0.00 72. 1005. 0 ADJ-A1 NoSubs
15 7 8 189 20 -22.7 0.233 -9.000 -9.000 -999. 271. 59.9 0.0280 0.59 1.00 3.63 191.0 10.0 288.8 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
15 7 8 189 21 -10.8 0.140 -9.000 -9.000 -999. 129. 22.5 0.0450 0.59 1.00 2.06 228.0 10.0 288.8 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
15 7 8 189 22 -6.0 0.102 -9.000 -9.000 -999. 79. 15.9 0.0380 0.59 1.00 1.59 325.0 10.0 288.8 2.0 0
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15 7 8 189 23 -4.0 0.083 -9.000 -9.000 -999. 58. 12.9 0.0320 0.59 1.00 1.33 295.0 10.0 287.5 2.0 0

0.00 93. 1005. 0 ADJ-A1 NoSubs
15 7 8 189 24 -5.8 0.101 -9.000 -9.000 -999. 77. 15.9 0.0450 0.59 1.00 1.52 224.0 10.0 287.0 2.0 0
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15 7 9 190 1 -3.2 0.076 -9.000 -9.000 -999. 50. 12.1 0.0360 0.59 1.00 1.16 258.0 10.0 287.5 2.0 0
0.00 89. 1005. 7 ADJ-A1 NoSubs
15 7 9 190 2 -4.3 0.087 -9.000 -9.000 -999. 62. 13.6 0.0380 0.59 1.00 1.35 310.0 10.0 288.1 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
15 7 9 190 3 -3.9 0.082 -9.000 -9.000 -999. 57. 12.7 0.0320 0.59 1.00 1.31 276.0 10.0 287.5 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
15 7 9 190 4 -7.7 0.116 -9.000 -9.000 -999. 95. 18.2 0.0360 0.59 1.00 1.81 242.0 10.0 288.1 2.0 0
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15 7 9 190 5 -5.4 0.097 -9.000 -9.000 -999. 72. 15.0 0.0360 0.59 1.00 1.52 250.0 10.0 288.1 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
15 7 9 190 6 -2.3 0.069 -9.000 -9.000 -999. 43. 12.7 0.0450 0.59 0.51 1.01 224.0 10.0 288.8 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
15 7 9 190 7 6.1 0.159 0.343 0.005 236. 153. -59.1 0.0280 0.59 0.28 2.18 194.0 10.0 289.9 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
15 7 9 190 8 18.6 0.203 0.548 0.005 317. 220. -40.3 0.0280 0.59 0.20 2.72 203.0 10.0 289.9 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
15 7 9 190 9 30.1 0.271 0.705 0.005 417. 339. -59.5 0.0450 0.59 0.18 3.39 214.0 10.0 290.9 2.0 0
0.00 72. 1007. 10 ADJ-A1 NoSubs
15 7 9 190 10 39.7 0.294 0.832 0.008 521. 382. -57.2 0.0450 0.59 0.17 3.66 215.0 10.0 292.5 2.0 0
0.00 67. 1007. 10 ADJ-A1 NoSubs
15 7 9 190 11 190.4 0.345 1.642 0.015 836. 486. -19.3 0.0450 0.59 0.17 3.97 212.0 10.0 294.9 2.0 0
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15 7 9 190 12 204.3 0.393 1.764 0.015 967. 591. -26.7 0.0280 0.59 0.17 5.12 207.0 10.0 294.9 2.0 0
0.00 56. 1007. 3 ADJ-A1 NoSubs
15 7 9 190 13 204.0 0.466 1.780 0.013 994. 764. -44.6 0.0450 0.59 0.17 5.73 222.0 10.0 294.9 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
15 7 9 190 14 194.9 0.471 1.768 0.012 1019. 777. -48.2 0.0450 0.59 0.17 5.82 232.0 10.0 294.9 2.0 0
0.00 58. 1006. 0 ADJ-A1 NoSubs
15 7 9 190 15 141.7 0.525 1.598 0.011 1036. 912. -91.7 0.0450 0.59 0.17 6.70 230.0 10.0 293.8 2.0 0
0.00 62. 1007. 7 ADJ-A1 NoSubs
15 7 9 190 16 144.3 0.498 1.641 0.010 1102. 846. -77.0 0.0450 0.59 0.18 6.31 231.0 10.0 293.8 2.0 0
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15 7 9 190 17 102.8 0.448 1.477 0.010 1126. 721. -78.3 0.0450 0.59 0.19 5.67 222.0 10.0 292.0 2.0 0
0.00 72. 1007. 3 ADJ-A1 NoSubs
15 7 9 190 18 54.7 0.283 1.198 0.010 1129. 383. -37.3 0.0450 0.59 0.24 3.44 231.0 10.0 290.9 2.0 0
0.00 77. 1007. 3 ADJ-A1 NoSubs
15 7 9 190 19 0.7 0.186 0.277 0.010 1129. 198. -852.2 0.0450 0.59 0.39 2.49 229.0 10.0 290.4 2.0 0
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15 7 9 190 20 -18.0 0.185 -9.000 -9.000 -999. 190. 37.5 0.0450 0.59 1.00 2.67 230.0 10.0 289.2 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
15 7 9 190 21 -3.7 0.081 -9.000 -9.000 -999. 62. 13.1 0.0450 0.59 1.00 1.21 214.0 10.0 288.8 2.0 0
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0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 9 190 24 -7.2 0.113 -9.000 -9.000 -999. 91. 17.8 0.0420 0.59 1.00 1.71 164.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 10 191 1 -2.4 0.067 -9.000 -9.000 -999. 42. 11.2 0.0280 0.59 1.00 1.01 194.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
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0.00 83. 1007. 10 ADJ-A1 NoSubs
15 7 10 191 3 -2.0 0.064 -9.000 -9.000 -999. 39. 12.0 0.0360 0.59 1.00 0.84 260.0 10.0 289.2 2.0 0
0.00 86. 1007. 7 ADJ-A1 NoSubs
15 7 10 191 4 -9.3 0.128 -9.000 -9.000 -999. 110. 20.2 0.0360 0.59 1.00 1.98 249.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 10 191 5 -7.6 0.116 -9.000 -9.000 -999. 95. 18.5 0.0450 0.59 1.00 1.74 212.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 10 191 6 -5.3 0.104 -9.000 -9.000 -999. 80. 18.9 0.0450 0.59 0.51 1.55 211.0 10.0 289.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 7 10 191 7 29.3 0.178 0.690 0.005 403. 180. -17.3 0.0450 0.59 0.28 2.03 229.0 10.0 289.9 2.0 0
0.00 83. 1008. 7 ADJ-A1 NoSubs
15 7 10 191 8 68.5 0.162 1.028 0.006 571. 157. -5.6 0.0280 0.59 0.20 1.82 207.0 10.0 290.9 2.0 0
0.00 77. 1008. 7 ADJ-A1 NoSubs
15 7 10 191 9 122.4 0.265 1.384 0.013 780. 327. -13.7 0.0450 0.59 0.18 2.95 210.0 10.0 291.4 2.0 0
0.00 75. 1009. 5 ADJ-A1 NoSubs
15 7 10 191 10 163.9 0.321 1.619 0.014 932. 436. -18.1 0.0450 0.59 0.17 3.67 216.0 10.0 293.1 2.0 0
0.00 64. 1009. 3 ADJ-A1 NoSubs
15 7 10 191 11 153.0 0.315 1.625 0.015 1010. 424. -18.4 0.0450 0.59 0.17 3.61 222.0 10.0 295.1 2.0 0
0.00 56. 1009. 7 ADJ-A1 NoSubs
15 7 10 191 12 204.3 0.401 1.822 0.014 1067. 608. -28.3 0.0280 0.59 0.17 5.24 207.0 10.0 295.4 2.0 0
0.00 54. 1009. 3 ADJ-A1 NoSubs
15 7 10 191 13 204.0 0.416 1.838 0.013 1097. 643. -31.7 0.0450 0.59 0.17 4.99 237.0 10.0 295.4 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
15 7 10 191 14 194.6 0.441 1.825 0.012 1126. 703. -39.7 0.0450 0.59 0.17 5.38 239.0 10.0 294.2 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
15 7 10 191 15 172.9 0.447 1.767 0.011 1150. 716. -46.3 0.0450 0.59 0.17 5.50 234.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
15 7 10 191 16 140.3 0.469 1.658 0.011 1169. 770. -66.0 0.0450 0.59 0.18 5.89 234.0 10.0 292.0 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
15 7 10 191 17 98.9 0.407 1.481 0.010 1182. 626. -61.2 0.0450 0.59 0.19 5.09 234.0 10.0 292.0 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 7 10 191 18 50.6 0.304 1.188 0.010 1190. 409. -49.8 0.0450 0.59 0.24 3.76 230.0 10.0 292.5 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 7 10 191 19 0.5 0.205 0.257 0.010 1188. 228. -1518.8 0.0450 0.59 0.39 2.76 216.0 10.0 290.4 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
15 7 10 191 20 -6.8 0.110 -9.000 -9.000 -999. 92. 17.3 0.0420 0.59 1.00 1.67 179.0 10.0 289.2 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
15 7 10 191 21 -17.2 0.176 -9.000 -9.000 -999. 178. 34.2 0.0340 0.59 1.00 2.69 81.0 10.0 289.9 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
15 7 10 191 22 -13.1 0.153 -9.000 -9.000 -999. 143. 25.7 0.0370 0.59 1.00 2.32 42.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
15 7 10 191 23 -7.8 0.117 -9.000 -9.000 -999. 96. 18.3 0.0370 0.59 1.00 1.81 26.0 10.0 288.8 2.0 0
0.00 86. 1008. 7 ADJ-A1 NoSubs
15 7 10 191 24 -7.0 0.110 -9.000 -9.000 -999. 88. 17.3 0.0370 0.59 1.00 1.72 3.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 7 11 192 1 -7.6 0.115 -9.000 -9.000 -999. 94. 18.1 0.0370 0.59 1.00 1.79 29.0 10.0 289.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 7 11 192 2 -6.0 0.102 -9.000 -9.000 -999. 79. 15.9 0.0370 0.59 1.00 1.60 17.0 10.0 288.8 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
15 7 11 192 3 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0370 0.59 1.00 1.45 12.0 10.0 288.1 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 7 11 192 4 -5.0 0.094 -9.000 -9.000 -999. 69. 14.8 0.0440 0.59 1.00 1.42 352.0 10.0 288.1 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 7 11 192 5 -6.2 0.104 -9.000 -9.000 -999. 80. 16.2 0.0370 0.59 1.00 1.62 28.0 10.0 288.8 2.0 0

0.00 83. 1008. 10 ADJ-A1 NoSubs
15 7 11 192 6 -6.0 0.109 -9.000 -9.000 -999. 87. 19.5 0.0370 0.59 0.52 1.69 18.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 7 11 192 7 5.9 0.121 0.429 0.014 477. 101. -27.1 0.0370 0.59 0.28 1.50 22.0 10.0 289.9 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
15 7 11 192 8 18.4 0.150 0.634 0.016 498. 139. -16.3 0.0370 0.59 0.20 1.77 52.0 10.0 289.9 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
15 7 11 192 9 127.6 0.198 1.305 0.020 627. 211. -5.4 0.0360 0.59 0.18 2.08 116.0 10.0 292.5 2.0 0
0.00 70. 1010. 3 ADJ-A1 NoSubs
15 7 11 192 10 161.0 0.201 1.538 0.019 814. 217. -4.6 0.0390 0.59 0.17 2.03 142.0 10.0 294.2 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 11 187.5 0.301 1.665 0.018 889. 396. -13.1 0.0280 0.59 0.17 3.69 195.0 10.0 295.4 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 12 201.9 0.426 1.725 0.016 918. 666. -34.4 0.0450 0.59 0.17 5.14 223.0 10.0 295.9 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 13 203.9 0.547 1.742 0.011 936. 971. -72.5 0.0450 0.59 0.17 6.91 232.0 10.0 295.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 14 195.1 0.614 1.727 0.005 954. 1152. -106.7 0.0450 0.59 0.17 7.88 233.0 10.0 295.9 2.0
0 0.00 50. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 15 173.6 0.552 1.670 0.010 968. 990. -87.3 0.0450 0.59 0.17 7.03 230.0 10.0 295.4 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 16 141.2 0.416 1.565 0.010 980. 661. -45.9 0.0450 0.59 0.18 5.12 224.0 10.0 294.9 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 17 99.3 0.412 1.396 0.010 987. 634. -63.3 0.0450 0.59 0.19 5.16 226.0 10.0 293.8 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 18 50.3 0.410 1.114 0.009 991. 629. -123.1 0.0450 0.59 0.24 5.29 225.0 10.0 292.0 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
15 7 11 192 19 0.3 0.196 0.208 0.010 990. 253. -2093.5 0.0280 0.59 0.39 2.88 207.0 10.0 290.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 20 -21.1 0.217 -9.000 -9.000 -999. 243. 51.9 0.0390 0.59 1.00 3.20 149.0 10.0 290.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 21 -18.7 0.192 -9.000 -9.000 -999. 201. 40.4 0.0360 0.59 1.00 2.88 103.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 22 -9.5 0.129 -9.000 -9.000 -999. 112. 20.2 0.0340 0.59 1.00 2.01 82.0 10.0 289.2 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 23 -7.9 0.117 -9.000 -9.000 -999. 97. 18.5 0.0370 0.59 1.00 1.82 30.0 10.0 289.2 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 7 11 192 24 -10.3 0.134 -9.000 -9.000 -999. 118. 21.3 0.0370 0.59 1.00 2.06 38.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 7 12 193 1 -7.0 0.110 -9.000 -9.000 -999. 87. 17.2 0.0370 0.59 1.00 1.71 12.0 10.0 288.8 2.0 0
0.00 83. 1010. 5 ADJ-A1 NoSubs
15 7 12 193 2 -5.6 0.099 -9.000 -9.000 -999. 75. 15.6 0.0440 0.59 1.00 1.50 337.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 7 12 193 3 -4.4 0.088 -9.000 -9.000 -999. 62. 13.7 0.0370 0.59 1.00 1.37 14.0 10.0 289.2 2.0 0
0.00 83. 1010. 7 ADJ-A1 NoSubs
15 7 12 193 4 -9.0 0.126 -9.000 -9.000 -999. 107. 19.9 0.0370 0.59 1.00 1.94 39.0 10.0 288.8 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
15 7 12 193 5 -4.7 0.091 -9.000 -9.000 -999. 66. 14.4 0.0440 0.59 1.00 1.38 337.0 10.0 288.8 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 7 12 193 6 -3.1 0.079 -9.000 -9.000 -999. 53. 14.6 0.0440 0.59 0.52 1.20 339.0 10.0 288.8 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 7 12 193 7 28.4 0.146 0.663 0.008 370. 134. -9.8 0.0370 0.59 0.28 1.64 1.0 10.0 290.9 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
15 7 12 193 8 78.9 0.184 0.995 0.009 451. 189. -7.1 0.0340 0.59 0.21 2.03 83.0 10.0 292.0 2.0 0

0.00 69. 1012. 0 ADJ-A1 NoSubs
15 7 12 193 9 124.4 0.180 1.316 0.011 662. 183. -4.2 0.0390 0.59 0.18 1.79 147.0 10.0 294.2 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
15 7 12 193 10 156.8 0.246 1.528 0.015 822. 293. -8.6 0.0280 0.59 0.17 2.89 204.0 10.0 294.9 2.0 0
0.00 60. 1012. 5 ADJ-A1 NoSubs
15 7 12 193 11 187.5 0.373 1.646 0.014 860. 546. -24.9 0.0450 0.59 0.17 4.39 214.0 10.0 295.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
15 7 12 193 12 201.7 0.392 1.711 0.013 899. 590. -27.0 0.0360 0.59 0.17 4.87 243.0 10.0 295.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
15 7 12 193 13 204.2 0.474 1.781 0.012 1001. 784. -47.2 0.0450 0.59 0.17 5.85 235.0 10.0 296.4 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
15 7 12 193 14 195.4 0.557 1.820 0.012 1114. 996. -79.7 0.0450 0.59 0.17 7.06 232.0 10.0 297.0 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
15 7 12 193 15 173.9 0.546 1.768 0.011 1148. 968. -84.3 0.0450 0.59 0.17 6.94 234.0 10.0 296.4 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
15 7 12 193 16 140.8 0.428 1.660 0.010 1173. 683. -50.0 0.0450 0.59 0.18 5.29 230.0 10.0 294.2 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
15 7 12 193 17 99.2 0.345 1.485 0.010 1191. 492. -37.3 0.0450 0.59 0.19 4.19 230.0 10.0 293.8 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
15 7 12 193 18 50.1 0.323 1.185 0.010 1198. 441. -60.5 0.0280 0.59 0.24 4.42 199.0 10.0 292.0 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
15 7 12 193 19 0.5 0.263 0.250 0.010 1198. 325. -3506.3 0.0280 0.59 0.39 3.86 183.0 10.0 291.4 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
15 7 12 193 20 -18.8 0.193 -9.000 -9.000 -999. 205. 41.0 0.0360 0.59 1.00 2.90 112.0 10.0 290.9 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 7 12 193 21 -23.3 0.239 -9.000 -9.000 -999. 281. 63.0 0.0360 0.59 1.00 3.56 92.0 10.0 290.9 2.0 0
0.00 83. 1011. 3 ADJ-A1 NoSubs
15 7 12 193 22 -18.3 0.188 -9.000 -9.000 -999. 197. 39.0 0.0340 0.59 1.00 2.86 67.0 10.0 290.9 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
15 7 12 193 23 -14.3 0.160 -9.000 -9.000 -999. 154. 28.2 0.0370 0.59 1.00 2.42 57.0 10.0 290.9 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
15 7 12 193 24 -7.8 0.117 -9.000 -9.000 -999. 96. 18.4 0.0370 0.59 1.00 1.81 31.0 10.0 290.4 2.0 0
0.00 83. 1011. 3 ADJ-A1 NoSubs
15 7 13 194 1 -6.0 0.102 -9.000 -9.000 -999. 78. 15.9 0.0370 0.59 1.00 1.59 1.0 10.0 289.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 7 13 194 2 -5.7 0.099 -9.000 -9.000 -999. 75. 15.4 0.0370 0.59 1.00 1.55 16.0 10.0 289.2 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 7 13 194 3 -5.5 0.098 -9.000 -9.000 -999. 73. 15.4 0.0440 0.59 1.00 1.48 349.0 10.0 288.1 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
15 7 13 194 4 -8.4 0.121 -9.000 -9.000 -999. 101. 19.0 0.0380 0.59 1.00 1.86 300.0 10.0 287.5 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
15 7 13 194 5 -5.7 0.099 -9.000 -9.000 -999. 75. 15.4 0.0380 0.59 1.00 1.54 310.0 10.0 287.0 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
15 7 13 194 6 -5.2 0.103 -9.000 -9.000 -999. 80. 18.9 0.0380 0.59 0.52 1.59 325.0 10.0 288.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 7 13 194 7 27.8 0.116 0.704 0.008 452. 95. -5.0 0.0370 0.59 0.28 1.20 53.0 10.0 290.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 7 13 194 8 79.9 0.129 1.114 0.012 623. 111. -2.4 0.0360 0.59 0.21 1.21 94.0 10.0 291.4 2.0 0
0.00 75. 1011. 5 ADJ-A1 NoSubs
15 7 13 194 9 124.3 0.240 1.328 0.018 679. 282. -10.0 0.0280 0.59 0.18 2.86 184.0 10.0 294.9 2.0 0
0.00 62. 1011. 0 ADJ-SFC NoSubs
15 7 13 194 10 160.9 0.340 1.471 0.018 714. 475. -21.9 0.0280 0.59 0.17 4.36 201.0 10.0 295.4 2.0 0
0.00 60. 1011. 0 ADJ-SFC NoSubs
15 7 13 194 11 187.3 0.371 1.600 0.017 790. 541. -24.5 0.0450 0.59 0.17 4.36 220.0 10.0 295.9 2.0 0

0.00 56. 1011. 0 ADJ-SFC NoSubs
15 7 13 194 12 201.7 0.345 1.816 0.020 1072. 486. -18.3 0.0280 0.59 0.17 4.36 203.0 10.0 296.4 2.0 0
0.00 54. 1010. 0 ADJ-SFC NoSubs
15 7 13 194 13 204.8 0.335 1.845 0.018 1106. 466. -16.5 0.0420 0.59 0.17 3.86 172.0 10.0 298.1 2.0 0
0.00 51. 1010. 0 ADJ-SFC NoSubs
15 7 13 194 14 195.8 0.401 1.823 0.017 1115. 609. -29.7 0.0420 0.59 0.17 4.86 172.0 10.0 298.1 2.0 0
0.00 51. 1009. 0 ADJ-SFC NoSubs
15 7 13 194 15 174.8 0.294 1.760 0.016 1123. 389. -13.0 0.0390 0.59 0.17 3.36 137.0 10.0 298.8 2.0 0
0.00 49. 1008. 0 ADJ-SFC NoSubs
15 7 13 194 16 142.8 0.286 1.649 0.015 1130. 366. -14.6 0.0360 0.59 0.18 3.36 117.0 10.0 299.2 2.0 0
0.00 47. 1008. 0 ADJ-SFC NoSubs
15 7 13 194 17 100.8 0.315 1.470 0.014 1134. 425. -27.9 0.0390 0.59 0.19 3.86 144.0 10.0 298.1 2.0 0
0.00 53. 1007. 0 ADJ-SFC NoSubs
15 7 13 194 18 51.1 0.371 1.173 0.014 1135. 542. -89.6 0.0390 0.59 0.24 4.86 127.0 10.0 295.4 2.0 0
0.00 63. 1007. 0 ADJ-SFC NoSubs
15 7 13 194 19 0.8 0.275 0.296 0.014 1135. 351. -2285.5 0.0360 0.59 0.39 3.86 112.0 10.0 293.1 2.0 0
0.00 69. 1008. 0 ADJ-SFC NoSubs
15 7 13 194 20 -21.8 0.225 -9.000 -9.000 -999. 258. 55.8 0.0360 0.59 1.00 3.36 90.0 10.0 291.4 2.0 0
0.00 75. 1008. 0 ADJ-SFC NoSubs
15 7 13 194 21 -15.3 0.166 -9.000 -9.000 -999. 163. 30.2 0.0370 0.59 1.00 2.50 50.0 10.0 290.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
15 7 13 194 22 -18.1 0.186 -9.000 -9.000 -999. 193. 38.1 0.0340 0.59 1.00 2.83 68.0 10.0 289.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 7 13 194 23 -5.7 0.099 -9.000 -9.000 -999. 78. 15.4 0.0370 0.59 1.00 1.55 39.0 10.0 289.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 7 13 194 24 -3.1 0.075 -9.000 -9.000 -999. 49. 12.1 0.0370 0.59 1.00 1.13 3.0 10.0 288.1 2.0 0
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15 7 14 195 1 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0380 0.59 1.00 1.57 315.0 10.0 288.1 2.0 0
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15 7 14 195 2 -3.4 0.078 -9.000 -9.000 -999. 53. 12.7 0.0440 0.59 1.00 1.16 358.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 7 14 195 3 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0440 0.59 1.00 1.09 344.0 10.0 289.2 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
15 7 14 195 4 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.59 1.00 1.25 322.0 10.0 288.8 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
15 7 14 195 5 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0320 0.59 1.00 1.55 280.0 10.0 288.8 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
15 7 14 195 6 -6.5 0.112 -9.000 -9.000 -999. 90. 19.7 0.0360 0.59 0.53 1.74 254.0 10.0 288.8 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
15 7 14 195 7 5.3 0.111 0.318 0.013 218. 89. -23.5 0.0360 0.59 0.29 1.37 264.0 10.0 288.8 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
15 7 14 195 8 18.2 0.139 0.528 0.018 291. 124. -13.2 0.0450 0.59 0.21 1.54 239.0 10.0 289.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
15 7 14 195 9 29.7 0.116 0.681 0.020 383. 94. -4.7 0.0450 0.59 0.18 1.13 213.0 10.0 290.9 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
15 7 14 195 10 39.2 0.222 0.804 0.024 478. 251. -25.1 0.0280 0.59 0.17 2.88 186.0 10.0 292.0 2.0 0
0.00 72. 1009. 10 ADJ-A1 NoSubs
15 7 14 195 11 46.1 0.233 0.901 0.028 570. 271. -24.8 0.0420 0.59 0.17 2.79 179.0 10.0 293.1 2.0 0
0.00 67. 1008. 10 ADJ-A1 NoSubs
15 7 14 195 12 203.5 0.297 1.522 0.026 624. 389. -11.6 0.0420 0.59 0.17 3.30 169.0 10.0 294.9 2.0 0
0.00 60. 1008. 3 ADJ-A1 NoSubs
15 7 14 195 13 203.7 0.332 1.552 0.023 661. 458. -16.1 0.0420 0.59 0.17 3.81 167.0 10.0 295.9 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
15 7 14 195 14 194.9 0.375 1.555 0.021 693. 552. -24.4 0.0420 0.59 0.17 4.48 173.0 10.0 296.4 2.0 0

0.00 54. 1007. 0 ADJ-A1 NoSubs
15 7 14 195 15 173.7 0.317 1.516 0.019 722. 430. -16.5 0.0390 0.59 0.17 3.71 139.0 10.0 296.4 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
15 7 14 195 16 141.2 0.319 1.429 0.018 743. 432. -20.6 0.0390 0.59 0.18 3.81 122.0 10.0 295.9 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
15 7 14 195 17 99.7 0.312 1.282 0.017 758. 419. -27.4 0.0360 0.59 0.19 3.88 116.0 10.0 295.9 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
15 7 14 195 18 50.0 0.333 1.021 0.017 764. 461. -66.2 0.0360 0.59 0.24 4.37 94.0 10.0 293.1 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
15 7 14 195 19 -0.0 0.288 -9.000 -9.000 -999. 373. 8888.0 0.0340 0.59 0.39 4.09 81.0 10.0 291.4 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
15 7 14 195 20 -24.9 0.256 -9.000 -9.000 -999. 310. 71.8 0.0340 0.59 1.00 3.83 61.0 10.0 289.2 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
15 7 14 195 21 -25.3 0.259 -9.000 -9.000 -999. 316. 73.8 0.0340 0.59 1.00 3.88 60.0 10.0 288.8 2.0 0
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15 7 14 195 22 -20.0 0.205 -9.000 -9.000 -999. 223. 46.2 0.0340 0.59 1.00 3.10 61.0 10.0 288.8 2.0 0
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15 7 14 195 23 -11.0 0.139 -9.000 -9.000 -999. 126. 22.2 0.0370 0.59 1.00 2.13 51.0 10.0 288.8 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 7 14 195 24 -7.4 0.114 -9.000 -9.000 -999. 92. 17.9 0.0370 0.59 1.00 1.77 34.0 10.0 289.2 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
15 7 15 196 1 -3.9 0.083 -9.000 -9.000 -999. 57. 13.0 0.0370 0.59 1.00 1.28 17.0 10.0 289.2 2.0 0
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15 7 15 196 2 -4.0 0.084 -9.000 -9.000 -999. 59. 13.4 0.0450 0.59 1.00 1.26 234.0 10.0 288.8 2.0 0
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15 7 15 196 3 -8.8 0.126 -9.000 -9.000 -999. 107. 20.1 0.0450 0.59 1.00 1.87 219.0 10.0 288.8 2.0 0
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15 7 15 196 4 -4.8 0.091 -9.000 -9.000 -999. 67. 14.5 0.0450 0.59 1.00 1.38 222.0 10.0 288.8 2.0 0
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15 7 15 196 5 -13.7 0.157 -9.000 -9.000 -999. 150. 27.2 0.0420 0.59 1.00 2.33 173.0 10.0 288.8 2.0 0
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15 7 15 196 6 -6.9 0.115 -9.000 -9.000 -999. 94. 19.7 0.0280 0.59 0.53 1.86 189.0 10.0 288.8 2.0 0
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15 7 15 196 7 5.2 0.167 0.394 0.026 424. 164. -80.9 0.0390 0.59 0.29 2.18 147.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 7 15 196 8 17.7 0.200 0.604 0.025 447. 215. -40.8 0.0390 0.59 0.21 2.52 148.0 10.0 288.8 2.0 0
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15 7 15 196 9 29.1 0.237 0.731 0.025 482. 277. -41.0 0.0390 0.59 0.18 2.98 148.0 10.0 289.2 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
15 7 15 196 10 38.4 0.210 0.825 0.025 525. 231. -21.6 0.0390 0.59 0.17 2.52 127.0 10.0 289.9 2.0 0
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15 7 15 196 11 45.3 0.234 0.897 0.025 572. 272. -25.6 0.0420 0.59 0.17 2.81 170.0 10.0 290.9 2.0 0
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15 7 15 196 12 49.1 0.243 0.945 0.025 619. 288. -26.3 0.0420 0.59 0.17 2.92 175.0 10.0 291.4 2.0 0
0.00 69. 1008. 10 ADJ-A1 NoSubs
15 7 15 196 13 50.4 0.305 0.966 0.025 641. 405. -50.7 0.0280 0.59 0.17 4.14 182.0 10.0 293.8 2.0 0
0.00 62. 1008. 10 ADJ-A1 NoSubs
15 7 15 196 14 157.6 0.343 1.427 0.024 663. 482. -23.0 0.0280 0.59 0.17 4.42 195.0 10.0 293.8 2.0 0
0.00 62. 1008. 7 ADJ-A1 NoSubs
15 7 15 196 15 42.5 0.357 0.923 0.023 666. 512. -96.3 0.0280 0.59 0.17 4.99 198.0 10.0 292.5 2.0 0
0.00 67. 1008. 10 ADJ-A1 NoSubs
15 7 15 196 16 33.9 0.336 0.857 0.023 667. 467. -100.4 0.0280 0.59 0.18 4.70 207.0 10.0 290.9 2.0 0
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15 7 15 196 17 23.3 0.348 0.757 0.023 668. 493. -162.9 0.0450 0.59 0.19 4.54 211.0 10.0 290.4 2.0 0

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15 7 15 196 18 11.0 0.264 0.589 0.023 669. 330. -151.2 0.0450 0.59 0.24 3.44 224.0 10.0 289.9 2.0 0
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15 7 15 196 19 -5.4 0.221 -9.000 -9.000 -999. 250. 178.2 0.0450 0.59 0.39 3.08 220.0 10.0 289.2 2.0 0
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15 7 15 196 20 -16.8 0.175 -9.000 -9.000 -999. 176. 33.7 0.0450 0.59 1.00 2.54 214.0 10.0 288.8 2.0 0
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15 7 15 196 21 -8.3 0.119 -9.000 -9.000 -999. 100. 18.4 0.0280 0.59 1.00 1.94 182.0 10.0 288.8 2.0 0
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15 7 15 196 22 -9.4 0.129 -9.000 -9.000 -999. 111. 20.6 0.0420 0.59 1.00 1.94 179.0 10.0 288.1 2.0 0
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15 7 15 196 23 -4.3 0.086 -9.000 -9.000 -999. 61. 13.4 0.0360 0.59 1.00 1.35 251.0 10.0 288.1 2.0 0
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15 7 15 196 24 -5.4 0.097 -9.000 -9.000 -999. 73. 15.4 0.0450 0.59 1.00 1.47 216.0 10.0 288.1 2.0 0
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15 7 16 197 2 -6.2 0.104 -9.000 -9.000 -999. 81. 16.4 0.0450 0.59 1.00 1.57 221.0 10.0 287.5 2.0 0
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15 7 16 197 3 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0280 0.59 1.00 1.77 204.0 10.0 287.5 2.0 0
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15 7 16 197 5 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0360 0.59 1.00 1.45 257.0 10.0 287.5 2.0 0
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15 7 16 197 6 -5.0 0.097 -9.000 -9.000 -999. 72. 16.3 0.0320 0.59 0.54 1.55 271.0 10.0 287.5 2.0 0
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15 7 16 197 7 4.7 0.127 0.333 0.028 280. 109. -39.0 0.0360 0.59 0.29 1.62 260.0 10.0 287.5 2.0 0
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15 7 16 197 8 17.5 0.196 0.549 0.028 340. 208. -38.5 0.0360 0.59 0.21 2.49 243.0 10.0 288.1 2.0 0
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15 7 16 197 9 28.9 0.178 0.696 0.029 420. 180. -17.5 0.0360 0.59 0.18 2.13 260.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 7 16 197 10 38.4 0.228 0.814 0.030 506. 260. -27.6 0.0360 0.59 0.17 2.83 252.0 10.0 289.9 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
15 7 16 197 11 45.4 0.312 0.877 0.029 534. 418. -60.1 0.0450 0.59 0.17 3.90 234.0 10.0 291.4 2.0 0
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15 7 16 197 12 199.7 0.458 1.475 0.009 579. 744. -43.4 0.0450 0.59 0.17 5.62 216.0 10.0 292.5 2.0 0
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15 7 16 197 13 202.7 0.454 1.514 0.010 616. 734. -41.5 0.0450 0.59 0.17 5.55 224.0 10.0 294.2 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
15 7 16 197 14 193.5 0.495 1.508 0.005 638. 834. -56.2 0.0450 0.59 0.17 6.16 218.0 10.0 293.8 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
15 7 16 197 15 172.1 0.424 1.464 0.018 657. 667. -39.8 0.0450 0.59 0.17 5.17 229.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
15 7 16 197 16 136.9 0.395 1.368 0.018 672. 598. -40.6 0.0450 0.59 0.18 4.83 229.0 10.0 292.5 2.0 0
0.00 70. 1007. 5 ADJ-A1 NoSubs
15 7 16 197 17 97.6 0.429 1.229 0.017 683. 673. -72.4 0.0450 0.59 0.19 5.41 215.0 10.0 291.4 2.0 0
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15 7 16 197 18 48.8 0.348 0.978 0.016 688. 497. -77.7 0.0450 0.59 0.24 4.41 215.0 10.0 290.9 2.0 0
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15 7 16 197 19 -1.6 0.265 -9.000 -9.000 -999. 330. 1037.9 0.0450 0.59 0.40 3.59 214.0 10.0 289.2 2.0 0
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15 7 16 197 20 -18.5 0.190 -9.000 -9.000 -999. 200. 39.6 0.0450 0.59 1.00 2.74 231.0 10.0 288.1 2.0 0

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15 7 16 197 21 -11.4 0.142 -9.000 -9.000 -999. 129. 22.6 0.0360 0.59 1.00 2.18 241.0 10.0 289.2 2.0 0
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15 7 16 197 22 -14.8 0.164 -9.000 -9.000 -999. 159. 29.6 0.0450 0.59 1.00 2.39 237.0 10.0 288.8 2.0 0
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15 7 17 198 1 -5.3 0.095 -9.000 -9.000 -999. 71. 14.8 0.0360 0.59 1.00 1.50 259.0 10.0 288.8 2.0 0
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15 7 17 198 7 4.8 0.145 0.339 0.028 293. 133. -57.5 0.0450 0.59 0.29 1.81 236.0 10.0 288.1 2.0 0
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15 7 17 198 9 28.9 0.174 0.697 0.032 419. 175. -16.4 0.0450 0.59 0.18 1.98 235.0 10.0 289.2 2.0 0
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15 7 17 198 14 193.1 0.428 1.500 0.015 627. 673. -36.4 0.0450 0.59 0.17 5.19 232.0 10.0 293.1 2.0 0
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15 7 17 198 16 139.4 0.416 1.358 0.020 644. 644. -46.2 0.0450 0.59 0.18 5.12 219.0 10.0 292.5 2.0 0
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15 7 17 198 17 97.4 0.392 1.208 0.019 649. 589. -55.2 0.0450 0.59 0.19 4.87 232.0 10.0 291.4 2.0 0
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15 7 17 198 18 48.5 0.361 0.959 0.018 651. 520. -86.5 0.0450 0.59 0.24 4.59 233.0 10.0 290.9 2.0 0
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15 7 18 199 7 5.1 0.184 0.355 0.028 313. 189. -109.3 0.0360 0.59 0.29 2.47 249.0 10.0 289.9 2.0 0
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15 7 18 199 10 158.7 0.412 1.361 0.021 572. 634. -39.6 0.0450 0.59 0.17 5.02 234.0 10.0 293.1 2.0 0
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15 7 18 199 16 116.0 0.360 1.302 0.014 686. 524. -36.1 0.0360 0.59 0.18 4.56 247.0 10.0 294.9 2.0 0
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0 0.00 74. 1010. 3 ADJ-SFC NoSubs
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15 7 19 200 11 188.1 0.168 1.481 0.011 624. 165. -2.3 0.0390 0.59 0.17 1.52 126.0 10.0 300.9 2.0 0
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15 7 19 200 12 202.8 0.292 1.592 0.012 719. 378. -11.1 0.0420 0.59 0.17 3.23 161.0 10.0 301.4 2.0 0
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15 7 19 200 13 204.5 0.338 1.676 0.012 833. 472. -17.1 0.0450 0.59 0.17 3.85 210.0 10.0 299.9 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
15 7 19 200 14 195.8 0.339 1.706 0.011 917. 474. -18.0 0.0450 0.59 0.17 3.88 219.0 10.0 300.4 2.0 0
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15 7 19 200 15 175.1 0.275 1.676 0.010 972. 347. -10.7 0.0450 0.59 0.17 2.98 235.0 10.0 301.4 2.0 0
0.00 48. 1011. 0 ADJ-A1 NoSubs
15 7 19 200 16 141.9 0.293 1.588 0.009 1018. 381. -16.0 0.0450 0.59 0.18 3.32 223.0 10.0 299.9 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
15 7 19 200 17 99.4 0.374 1.439 0.009 1083. 548. -47.4 0.0450 0.59 0.19 4.61 223.0 10.0 298.1 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
15 7 19 200 18 50.1 0.298 1.151 0.008 1098. 394. -47.9 0.0360 0.59 0.24 3.85 248.0 10.0 297.0 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
15 7 19 200 19 7.9 0.172 0.622 0.008 1100. 181. -58.5 0.0450 0.59 0.40 2.15 223.0 10.0 297.0 2.0 0
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15 7 19 200 20 -5.4 0.097 -9.000 -9.000 -999. 75. 15.5 0.0450 0.59 1.00 1.47 222.0 10.0 294.9 2.0 0
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15 7 19 200 21 -12.2 0.148 -9.000 -9.000 -999. 137. 24.1 0.0420 0.59 1.00 2.20 173.0 10.0 292.0 2.0 0
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15 7 19 200 22 -4.6 0.089 -9.000 -9.000 -999. 64. 13.9 0.0360 0.59 1.00 1.40 254.0 10.0 292.5 2.0 0
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15 7 19 200 23 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0320 0.59 1.00 1.59 289.0 10.0 292.5 2.0 0
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15 7 19 200 24 -4.6 0.090 -9.000 -9.000 -999. 65. 14.4 0.0440 0.59 1.00 1.37 332.0 10.0 292.0 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 7 20 201 1 -2.9 0.073 -9.000 -9.000 -999. 47. 12.0 0.0380 0.59 1.00 1.08 324.0 10.0 291.4 2.0 0
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15 7 20 201 2 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0320 0.59 1.00 1.40 282.0 10.0 290.4 2.0 0
0.00 90. 1011. 0 ADJ-A1 NoSubs
15 7 20 201 3 -7.7 0.116 -9.000 -9.000 -999. 95. 18.3 0.0380 0.59 1.00 1.79 316.0 10.0 291.4 2.0 0
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15 7 20 201 5 -12.6 0.150 -9.000 -9.000 -999. 140. 24.8 0.0380 0.59 1.00 2.27 305.0 10.0 291.4 2.0 0

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15 7 20 201 6 -3.8 0.086 -9.000 -9.000 -999. 61. 15.1 0.0440 0.59 0.55 1.30 349.0 10.0 292.0 2.0 0
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15 7 20 201 7 25.7 0.126 0.538 0.012 218. 107. -7.0 0.0440 0.59 0.29 1.31 347.0 10.0 294.2 2.0 0
0.00 75. 1011. 0 ADJ-A1 NoSubs
15 7 20 201 8 77.6 0.116 0.864 0.011 300. 95. -1.8 0.0370 0.59 0.21 1.03 1.0 10.0 297.5 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
15 7 20 201 9 124.0 0.160 1.078 0.008 364. 154. -3.0 0.0390 0.59 0.18 1.52 131.0 10.0 299.9 2.0 0
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15 7 20 201 10 162.5 0.183 1.296 0.006 483. 188. -3.4 0.0360 0.59 0.17 1.81 118.0 10.0 303.1 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
15 7 20 201 11 189.0 0.294 1.524 0.005 676. 382. -12.1 0.0280 0.59 0.17 3.57 200.0 10.0 303.1 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
15 7 20 201 12 202.9 0.398 1.715 0.005 897. 602. -27.9 0.0450 0.59 0.17 4.73 229.0 10.0 302.0 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
15 7 20 201 13 205.4 0.401 1.793 0.005 1013. 609. -28.2 0.0450 0.59 0.17 4.77 217.0 10.0 302.0 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
15 7 20 201 14 195.8 0.344 1.916 0.005 1294. 486. -18.7 0.0280 0.59 0.17 4.36 180.0 10.0 300.9 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
15 7 20 201 15 173.2 0.423 1.916 0.006 1462. 659. -39.1 0.0420 0.59 0.17 5.22 168.0 10.0 298.1 2.0 0
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15 7 20 201 16 140.1 0.341 1.801 0.006 1501. 483. -25.5 0.0390 0.59 0.18 4.15 149.0 10.0 296.4 2.0 0
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15 7 20 201 17 97.5 0.336 1.605 0.006 1526. 468. -35.0 0.0420 0.59 0.19 4.12 152.0 10.0 294.2 2.0 0
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15 7 20 201 18 48.2 0.334 1.272 0.006 1538. 464. -69.7 0.0420 0.59 0.24 4.27 153.0 10.0 293.1 2.0 0
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15 7 20 201 20 -26.8 0.276 -9.000 -9.000 -999. 348. 83.6 0.0390 0.59 1.00 4.02 130.0 10.0 290.9 2.0 0
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15 7 20 201 21 -25.2 0.259 -9.000 -9.000 -999. 316. 73.6 0.0390 0.59 1.00 3.78 126.0 10.0 289.9 2.0 0
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15 7 20 201 23 -16.1 0.170 -9.000 -9.000 -999. 169. 31.7 0.0360 0.59 1.00 2.57 107.0 10.0 289.9 2.0 0
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15 7 20 201 24 -8.8 0.124 -9.000 -9.000 -999. 105. 19.4 0.0340 0.59 1.00 1.94 87.0 10.0 289.9 2.0 0
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15 7 21 202 1 -15.8 0.168 -9.000 -9.000 -999. 165. 31.0 0.0340 0.59 1.00 2.57 78.0 10.0 289.9 2.0 0
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15 7 21 202 2 -14.5 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.59 1.00 2.47 70.0 10.0 289.9 2.0 0
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15 7 21 202 3 -11.6 0.144 -9.000 -9.000 -999. 131. 22.9 0.0360 0.59 1.00 2.20 92.0 10.0 289.2 2.0 0
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15 7 21 202 5 -11.9 0.146 -9.000 -9.000 -999. 134. 23.4 0.0390 0.59 1.00 2.20 122.0 10.0 288.8 2.0 0
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15 7 21 202 7 4.6 0.141 0.320 0.021 258. 127. -55.5 0.0390 0.59 0.30 1.81 122.0 10.0 289.2 2.0 0
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15 7 21 202 8 17.5 0.154 0.538 0.023 319. 145. -18.8 0.0360 0.59 0.21 1.86 104.0 10.0 290.4 2.0 0

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15 7 21 202 9 120.8 0.202 1.254 0.028 588. 218. -6.1 0.0360 0.59 0.18 2.16 109.0 10.0 293.1 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
15 7 21 202 10 158.3 0.258 1.399 0.027 622. 314. -9.7 0.0420 0.59 0.17 2.81 150.0 10.0 294.9 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
15 7 21 202 11 184.6 0.308 1.484 0.025 637. 411. -14.3 0.0280 0.59 0.17 3.81 181.0 10.0 294.2 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
15 7 21 202 12 198.8 0.348 1.533 0.023 652. 492. -19.0 0.0280 0.59 0.17 4.41 197.0 10.0 293.1 2.0 0
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15 7 21 202 13 201.7 0.353 1.553 0.020 668. 503. -19.6 0.0280 0.59 0.17 4.49 196.0 10.0 294.2 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
15 7 21 202 14 192.5 0.431 1.545 0.019 689. 680. -37.5 0.0280 0.59 0.17 5.75 207.0 10.0 293.8 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 7 21 202 15 165.9 0.491 1.486 0.017 711. 825. -64.1 0.0450 0.59 0.17 6.16 217.0 10.0 292.5 2.0 0
0.00 72. 1007. 5 ADJ-A1 NoSubs
15 7 21 202 16 114.2 0.434 1.321 0.016 725. 689. -64.1 0.0450 0.59 0.18 5.44 215.0 10.0 291.4 2.0 0
0.00 77. 1007. 7 ADJ-A1 NoSubs
15 7 21 202 17 22.9 0.301 0.774 0.016 727. 408. -106.7 0.0280 0.59 0.19 4.22 202.0 10.0 290.4 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
15 7 21 202 18 10.5 0.249 0.597 0.016 728. 300. -132.1 0.0280 0.59 0.24 3.52 189.0 10.0 289.9 2.0 0
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15 7 21 202 19 -7.0 0.209 -9.000 -9.000 -999. 230. 117.1 0.0420 0.59 0.41 2.98 157.0 10.0 288.8 2.0 0
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15 7 21 202 21 -18.8 0.193 -9.000 -9.000 -999. 204. 41.0 0.0340 0.59 1.00 2.93 88.0 10.0 288.8 2.0 0
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15 7 22 203 3 -15.8 0.168 -9.000 -9.000 -999. 166. 31.2 0.0370 0.59 1.00 2.54 51.0 10.0 288.1 2.0 0
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15 7 22 203 4 -6.2 0.104 -9.000 -9.000 -999. 81. 16.1 0.0370 0.59 1.00 1.62 20.0 10.0 288.1 2.0 0
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15 7 22 203 5 -7.0 0.110 -9.000 -9.000 -999. 87. 16.7 0.0280 0.59 1.00 1.79 184.0 10.0 288.1 2.0 0
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15 7 22 203 6 -8.3 0.125 -9.000 -9.000 -999. 106. 21.2 0.0360 0.59 0.56 1.93 106.0 10.0 288.8 2.0 0
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15 7 22 203 7 4.3 0.088 0.211 0.005 78. 62. -14.1 0.0360 0.59 0.30 1.03 90.0 10.0 288.8 2.0 0
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15 7 22 203 8 17.0 0.135 0.463 0.007 209. 119. -13.1 0.0450 0.59 0.21 1.50 229.0 10.0 288.8 2.0 0
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15 7 22 203 9 28.3 0.196 0.596 0.012 268. 209. -24.0 0.0280 0.59 0.18 2.54 192.0 10.0 288.8 2.0 0
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15 7 22 203 10 37.9 0.188 0.713 0.022 344. 195. -15.6 0.0420 0.59 0.17 2.15 165.0 10.0 289.9 2.0 0
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15 7 22 203 11 45.2 0.280 0.826 0.025 448. 355. -43.4 0.0280 0.59 0.17 3.76 197.0 10.0 292.0 2.0 0

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15 7 22 203 12 48.9 0.295 0.901 0.027 538. 384. -47.0 0.0280 0.59 0.17 3.98 207.0 10.0 292.0 2.0 0
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15 7 22 203 13 49.9 0.355 0.950 0.027 617. 508. -80.8 0.0450 0.59 0.17 4.51 212.0 10.0 293.1 2.0 0
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15 7 22 203 14 192.3 0.465 1.556 0.024 704. 760. -46.9 0.0450 0.59 0.17 5.73 220.0 10.0 293.8 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
15 7 22 203 15 170.8 0.489 1.528 0.012 750. 820. -61.5 0.0450 0.59 0.17 6.12 221.0 10.0 293.1 2.0 0
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15 7 22 203 16 138.1 0.432 1.428 0.024 758. 685. -52.4 0.0280 0.59 0.18 5.87 206.0 10.0 292.5 2.0 0
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15 7 22 203 17 96.4 0.292 1.270 0.023 763. 393. -23.1 0.0420 0.59 0.19 3.47 171.0 10.0 293.1 2.0 0
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15 7 22 203 18 46.8 0.291 0.999 0.023 765. 377. -47.2 0.0360 0.59 0.24 3.75 115.0 10.0 291.4 2.0 0
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15 7 22 203 19 -3.1 0.226 -9.000 -9.000 -999. 259. 327.3 0.0340 0.59 0.41 3.27 89.0 10.0 290.9 2.0 0
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15 7 22 203 20 -22.1 0.227 -9.000 -9.000 -999. 260. 56.7 0.0340 0.59 1.00 3.42 63.0 10.0 289.2 2.0 0
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15 7 23 204 7 4.2 0.108 0.379 0.017 471. 85. -27.3 0.0380 0.59 0.30 1.33 307.0 10.0 288.8 2.0 0
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15 7 23 204 8 17.0 0.179 0.622 0.022 510. 182. -30.6 0.0450 0.59 0.21 2.15 238.0 10.0 289.2 2.0 0
0.00 71. 1010. 10 ADJ-A1 NoSubs
15 7 23 204 9 28.7 0.222 0.769 0.024 570. 252. -34.5 0.0280 0.59 0.18 2.95 206.0 10.0 290.4 2.0 0
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15 7 23 204 10 38.3 0.225 0.880 0.025 642. 257. -27.0 0.0280 0.59 0.17 2.94 203.0 10.0 291.4 2.0 0
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15 7 23 204 11 149.4 0.308 1.511 0.026 834. 410. -17.6 0.0280 0.59 0.17 3.88 198.0 10.0 292.0 2.0 0
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15 7 23 204 12 161.1 0.365 1.565 0.025 860. 529. -27.2 0.0280 0.59 0.17 4.76 207.0 10.0 293.1 2.0 0
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15 7 23 204 14 192.4 0.321 1.692 0.022 909. 438. -15.5 0.0280 0.59 0.17 4.00 196.0 10.0 294.9 2.0 0

0.00 54. 1011. 0 ADJ-A1 NoSubs
15 7 23 204 15 170.7 0.407 1.632 0.021 920. 622. -35.5 0.0450 0.59 0.17 4.92 223.0 10.0 293.8 2.0 0
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15 7 23 204 16 138.2 0.312 1.527 0.020 929. 423. -19.8 0.0280 0.59 0.18 3.97 202.0 10.0 293.8 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
15 7 23 204 17 95.8 0.304 1.354 0.019 935. 403. -26.5 0.0390 0.59 0.19 3.71 142.0 10.0 292.5 2.0 0
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15 7 24 205 2 -12.5 0.149 -9.000 -9.000 -999. 137. 24.3 0.0380 0.59 1.00 2.25 308.0 10.0 285.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
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15 7 24 205 4 -4.0 0.083 -9.000 -9.000 -999. 58. 13.2 0.0440 0.59 1.00 1.25 334.0 10.0 284.2 2.0 0
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15 7 24 205 5 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.59 1.00 1.76 315.0 10.0 283.8 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
15 7 24 205 6 -9.5 0.134 -9.000 -9.000 -999. 117. 22.8 0.0380 0.59 0.57 2.03 309.0 10.0 284.9 2.0 0
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15 7 24 205 7 21.7 0.137 0.666 0.023 491. 122. -10.8 0.0380 0.59 0.30 1.55 313.0 10.0 288.1 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
15 7 24 205 8 73.1 0.112 1.067 0.024 601. 90. -1.8 0.0420 0.59 0.21 0.96 171.0 10.0 290.4 2.0 0
0.00 72. 1014. 0 ADJ-A1 NoSubs
15 7 24 205 9 119.7 0.151 1.276 0.023 629. 141. -2.6 0.0390 0.59 0.18 1.40 122.0 10.0 293.1 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
15 7 24 205 10 157.3 0.205 1.424 0.021 665. 224. -5.0 0.0420 0.59 0.17 2.06 175.0 10.0 294.9 2.0 0
0.00 56. 1014. 0 ADJ-A1 NoSubs
15 7 24 205 11 184.4 0.332 1.531 0.019 705. 459. -18.0 0.0450 0.59 0.17 3.80 224.0 10.0 295.9 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
15 7 24 205 12 199.7 0.331 1.593 0.017 733. 456. -16.4 0.0450 0.59 0.17 3.75 230.0 10.0 297.5 2.0 0
0.00 42. 1014. 0 ADJ-A1 NoSubs
15 7 24 205 13 202.8 0.322 1.617 0.015 755. 438. -14.8 0.0450 0.59 0.17 3.61 210.0 10.0 298.8 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
15 7 24 205 14 193.8 0.344 1.608 0.013 776. 485. -19.0 0.0280 0.59 0.17 4.37 188.0 10.0 298.8 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
15 7 24 205 15 172.7 0.307 1.561 0.011 797. 408. -15.1 0.0280 0.59 0.17 3.81 193.0 10.0 299.2 2.0 0
0.00 28. 1013. 0 ADJ-A1 NoSubs
15 7 24 205 16 140.5 0.274 1.466 0.010 811. 346. -13.3 0.0280 0.59 0.18 3.37 183.0 10.0 299.9 2.0 0
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15 7 24 205 17 97.4 0.312 1.302 0.009 818. 419. -28.3 0.0390 0.59 0.19 3.83 126.0 10.0 297.5 2.0 0

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15 7 24 205 18 46.7 0.320 1.020 0.009 820. 434. -63.3 0.0360 0.59 0.25 4.19 113.0 10.0 293.8 2.0 0
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15 7 24 205 19 -5.3 0.311 -9.000 -9.000 -999. 417. 516.6 0.0390 0.59 0.41 4.37 136.0 10.0 291.4 2.0 0
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15 7 24 205 20 -26.6 0.272 -9.000 -9.000 -999. 342. 81.6 0.0360 0.59 1.00 4.03 115.0 10.0 289.9 2.0 0
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15 7 24 205 21 -20.3 0.207 -9.000 -9.000 -999. 228. 47.1 0.0360 0.59 1.00 3.10 104.0 10.0 288.8 2.0 0
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15 7 24 205 22 -12.1 0.146 -9.000 -9.000 -999. 134. 23.3 0.0340 0.59 1.00 2.25 77.0 10.0 288.8 2.0 0
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15 7 24 205 23 -6.8 0.108 -9.000 -9.000 -999. 86. 16.9 0.0370 0.59 1.00 1.69 7.0 10.0 288.1 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
15 7 24 205 24 -6.1 0.102 -9.000 -9.000 -999. 78. 15.9 0.0380 0.59 1.00 1.59 316.0 10.0 287.0 2.0 0
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15 7 25 206 1 -10.3 0.134 -9.000 -9.000 -999. 118. 21.3 0.0380 0.59 1.00 2.05 309.0 10.0 287.0 2.0 0
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15 7 25 206 2 -12.9 0.151 -9.000 -9.000 -999. 140. 25.0 0.0380 0.59 1.00 2.28 314.0 10.0 285.9 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
15 7 25 206 3 -10.1 0.133 -9.000 -9.000 -999. 116. 21.0 0.0380 0.59 1.00 2.03 307.0 10.0 285.9 2.0 0
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15 7 25 206 4 -6.5 0.106 -9.000 -9.000 -999. 82. 16.4 0.0380 0.59 1.00 1.64 319.0 10.0 285.4 2.0 0
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15 7 25 206 5 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.59 1.00 1.59 319.0 10.0 284.9 2.0 0
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15 7 25 206 6 -4.1 0.087 -9.000 -9.000 -999. 61. 14.4 0.0380 0.59 0.58 1.35 316.0 10.0 285.9 2.0 0
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15 7 25 206 7 21.5 0.102 0.567 0.020 306. 78. -4.4 0.0380 0.59 0.30 1.03 329.0 10.0 289.2 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
15 7 25 206 8 73.1 0.145 1.040 0.025 556. 132. -3.8 0.0420 0.59 0.21 1.40 153.0 10.0 292.0 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
15 7 25 206 9 119.6 0.174 1.252 0.023 593. 174. -4.0 0.0390 0.59 0.18 1.72 138.0 10.0 294.2 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
15 7 25 206 10 157.2 0.256 1.397 0.022 627. 311. -9.6 0.0420 0.59 0.17 2.79 163.0 10.0 295.4 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
15 7 25 206 11 184.3 0.294 1.492 0.019 652. 382. -12.4 0.0420 0.59 0.17 3.29 179.0 10.0 296.4 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
15 7 25 206 12 199.2 0.314 1.546 0.017 671. 423. -14.1 0.0280 0.59 0.17 3.88 197.0 10.0 297.0 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
15 7 25 206 13 202.3 0.324 1.569 0.014 690. 443. -15.2 0.0280 0.59 0.17 4.03 190.0 10.0 298.1 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
15 7 25 206 14 193.8 0.320 1.560 0.012 708. 434. -15.3 0.0280 0.59 0.17 3.98 190.0 10.0 299.2 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
15 7 25 206 15 172.9 0.293 1.518 0.010 729. 381. -13.1 0.0280 0.59 0.17 3.59 199.0 10.0 300.4 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
15 7 25 206 16 139.3 0.335 1.445 0.009 781. 466. -24.3 0.0420 0.59 0.18 4.00 152.0 10.0 298.1 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
15 7 25 206 17 95.5 0.419 1.288 0.008 808. 651. -69.5 0.0390 0.59 0.19 5.43 122.0 10.0 293.8 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
15 7 25 206 18 45.7 0.365 1.013 0.008 820. 532. -96.0 0.0390 0.59 0.25 4.80 133.0 10.0 292.0 2.0 0
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15 7 25 206 19 -6.4 0.314 -9.000 -9.000 -999. 423. 433.9 0.0360 0.59 0.42 4.48 117.0 10.0 290.4 2.0 0
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15 7 25 206 20 -25.3 0.259 -9.000 -9.000 -999. 318. 73.8 0.0340 0.59 1.00 3.88 84.0 10.0 289.2 2.0 0

0.00 83. 1010. 0 ADJ-A1 NoSubs
15 7 25 206 21 -23.5 0.240 -9.000 -9.000 -999. 283. 63.5 0.0340 0.59 1.00 3.61 72.0 10.0 288.8 2.0 0
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15 7 25 206 22 -22.6 0.231 -9.000 -9.000 -999. 266. 58.5 0.0370 0.59 1.00 3.42 56.0 10.0 288.8 2.0 0
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15 7 25 206 24 -19.2 0.196 -9.000 -9.000 -999. 209. 42.5 0.0340 0.59 1.00 2.98 61.0 10.0 288.8 2.0 0
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15 7 26 207 1 -11.3 0.141 -9.000 -9.000 -999. 128. 22.5 0.0370 0.59 1.00 2.16 41.0 10.0 288.1 2.0 0
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15 7 26 207 2 -7.4 0.113 -9.000 -9.000 -999. 92. 17.7 0.0370 0.59 1.00 1.76 49.0 10.0 288.1 2.0 0
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15 7 26 207 3 -9.2 0.128 -9.000 -9.000 -999. 110. 20.4 0.0440 0.59 1.00 1.91 339.0 10.0 287.5 2.0 0
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15 7 26 207 4 -4.7 0.091 -9.000 -9.000 -999. 66. 14.4 0.0440 0.59 1.00 1.38 341.0 10.0 288.1 2.0 0
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15 7 26 207 6 -4.3 0.088 -9.000 -9.000 -999. 62. 14.1 0.0320 0.59 0.58 1.41 281.0 10.0 287.5 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
15 7 26 207 7 3.6 0.114 0.310 0.009 296. 92. -36.9 0.0320 0.59 0.30 1.48 295.0 10.0 288.1 2.0 0
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15 7 26 207 8 16.3 0.103 0.541 0.012 348. 79. -6.0 0.0380 0.59 0.21 1.08 311.0 10.0 288.1 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 26 207 9 28.1 0.135 0.691 0.016 423. 119. -7.8 0.0280 0.59 0.18 1.57 197.0 10.0 289.2 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 7 26 207 10 37.9 0.163 0.812 0.026 508. 159. -10.4 0.0450 0.59 0.17 1.77 222.0 10.0 290.9 2.0 0
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15 7 26 207 11 44.9 0.282 0.904 0.028 593. 360. -45.1 0.0420 0.59 0.17 3.52 176.0 10.0 292.0 2.0 0
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15 7 26 207 13 200.0 0.362 1.568 0.025 695. 522. -21.3 0.0280 0.59 0.17 4.63 207.0 10.0 293.1 2.0 0
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15 7 26 207 14 191.2 0.400 1.608 0.024 784. 607. -30.2 0.0280 0.59 0.17 5.26 201.0 10.0 293.8 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
15 7 26 207 15 169.4 0.399 1.560 0.022 808. 606. -33.9 0.0280 0.59 0.17 5.29 207.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
15 7 26 207 16 136.6 0.340 1.464 0.021 828. 477. -25.8 0.0420 0.59 0.18 4.07 170.0 10.0 292.0 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
15 7 26 207 17 94.3 0.312 1.301 0.020 841. 419. -29.0 0.0390 0.59 0.19 3.83 139.0 10.0 291.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
15 7 26 207 18 44.6 0.326 1.017 0.019 849. 447. -69.9 0.0360 0.59 0.25 4.29 112.0 10.0 290.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
15 7 26 207 19 0.2 0.282 0.154 0.019 849. 361. -8888.0 0.0360 0.59 0.42 3.97 100.0 10.0 289.9 2.0 0
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15 7 27 208 2 -6.8 0.108 -9.000 -9.000 -999. 86. 16.9 0.0370 0.59 1.00 1.69 45.0 10.0 288.1 2.0 0
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15 7 27 208 7 3.5 0.124 0.173 0.017 53. 105. -49.9 0.0370 0.59 0.30 1.60 49.0 10.0 288.1 2.0 0
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15 7 27 208 8 16.5 0.107 0.411 0.018 151. 84. -6.7 0.0280 0.59 0.21 1.23 181.0 10.0 289.2 2.0 0
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15 7 27 208 9 116.3 0.170 1.017 0.021 325. 168. -3.8 0.0340 0.59 0.18 1.72 74.0 10.0 290.4 2.0 0
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15 7 27 208 11 183.2 0.253 1.305 0.015 437. 305. -8.0 0.0280 0.59 0.17 2.95 187.0 10.0 295.4 2.0 0
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15 7 27 208 12 198.9 0.306 1.423 0.012 521. 406. -13.0 0.0280 0.59 0.17 3.75 192.0 10.0 297.5 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
15 7 27 208 13 201.5 0.350 1.545 0.011 658. 496. -19.1 0.0280 0.59 0.17 4.44 190.0 10.0 297.5 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
15 7 27 208 14 192.2 0.367 1.576 0.009 734. 533. -23.1 0.0280 0.59 0.17 4.73 186.0 10.0 297.0 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
15 7 27 208 15 169.6 0.335 1.530 0.007 760. 467. -20.0 0.0420 0.59 0.17 3.93 171.0 10.0 294.2 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
15 7 27 208 16 136.8 0.371 1.443 0.006 789. 543. -33.6 0.0390 0.59 0.18 4.61 129.0 10.0 293.8 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
15 7 27 208 17 94.4 0.337 1.287 0.005 812. 470. -36.3 0.0390 0.59 0.19 4.20 132.0 10.0 293.1 2.0 0
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15 7 27 208 18 45.0 0.262 1.010 0.005 823. 325. -35.9 0.0390 0.59 0.25 3.27 132.0 10.0 293.1 2.0 0
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15 7 27 208 19 -5.8 0.249 -9.000 -9.000 -999. 298. 238.2 0.0390 0.59 0.42 3.54 144.0 10.0 291.4 2.0 0
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0.00 92. 1007. 10 ADJ-A1 NoSubs
15 7 28 209 7 2.9 0.063 0.137 0.032 31. 38. -7.9 0.0320 0.59 0.31 0.72 284.0 10.0 286.4 2.0 0
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0.00 77. 1007. 0 ADJ-A1 NoSubs
15 7 28 209 9 118.6 0.149 0.907 0.024 226. 138. -2.5 0.0390 0.59 0.18 1.37 145.0 10.0 294.9 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
15 7 28 209 10 156.8 0.264 1.101 0.018 306. 326. -10.6 0.0420 0.59 0.17 2.91 162.0 10.0 297.0 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
15 7 28 209 11 183.3 0.336 1.218 0.009 355. 467. -18.5 0.0280 0.59 0.17 4.25 197.0 10.0 296.4 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
15 7 28 209 12 198.8 0.328 1.321 0.010 417. 451. -15.9 0.0450 0.59 0.17 3.71 218.0 10.0 298.1 2.0 0
0.00 47. 1007. 0 ADJ-A1 NoSubs
15 7 28 209 13 201.2 0.371 1.396 0.005 486. 543. -22.8 0.0280 0.59 0.17 4.78 196.0 10.0 297.5 2.0 0
0.00 51. 1007. 0 ADJ-A1 NoSubs
15 7 28 209 14 191.9 0.365 1.408 0.005 523. 529. -22.8 0.0450 0.59 0.17 4.27 214.0 10.0 297.0 2.0 0
0.00 52. 1006. 0 ADJ-A1 NoSubs
15 7 28 209 15 169.7 0.321 1.470 0.005 672. 437. -17.5 0.0450 0.59 0.17 3.66 219.0 10.0 295.4 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
15 7 28 209 16 136.4 0.357 1.440 0.005 786. 512. -30.0 0.0450 0.59 0.18 4.27 219.0 10.0 293.8 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
15 7 28 209 17 93.5 0.337 1.374 0.005 995. 470. -36.7 0.0450 0.59 0.19 4.09 211.0 10.0 292.0 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
15 7 28 209 18 43.6 0.270 1.090 0.005 1068. 339. -40.6 0.0450 0.59 0.25 3.30 223.0 10.0 290.4 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
15 7 28 209 19 -8.8 0.204 -9.000 -9.000 -999. 223. 86.8 0.0450 0.59 0.43 2.89 215.0 10.0 289.2 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
15 7 28 209 20 -4.8 0.091 -9.000 -9.000 -999. 75. 14.5 0.0450 0.59 1.00 1.38 233.0 10.0 288.8 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
15 7 28 209 21 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0360 0.59 1.00 1.20 257.0 10.0 288.8 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
15 7 28 209 22 -4.0 0.084 -9.000 -9.000 -999. 58. 13.2 0.0380 0.59 1.00 1.30 324.0 10.0 289.2 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
15 7 28 209 23 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0370 0.59 1.00 0.91 15.0 10.0 288.1 2.0 0
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15 7 28 209 24 -3.9 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.59 1.00 1.28 322.0 10.0 287.5 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
15 7 29 210 1 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0370 0.59 1.00 1.38 4.0 10.0 288.1 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
15 7 29 210 2 -4.8 0.090 -9.000 -9.000 -999. 65. 13.8 0.0320 0.59 1.00 1.45 276.0 10.0 285.4 2.0 0
0.00 96. 1006. 5 ADJ-A1 NoSubs
15 7 29 210 3 -9.2 0.125 -9.000 -9.000 -999. 107. 19.3 0.0280 0.59 1.00 2.03 202.0 10.0 286.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
15 7 29 210 4 -2.6 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.59 1.00 1.01 312.0 10.0 287.0 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
15 7 29 210 5 -2.6 0.069 -9.000 -9.000 -999. 44. 11.5 0.0320 0.59 1.00 1.03 277.0 10.0 287.0 2.0 0

0.00 96. 1007. 10 ADJ-A1 NoSubs
15 7 29 210 6 -4.0 0.084 -9.000 -9.000 -999. 59. 13.6 0.0380 0.59 0.60 1.31 311.0 10.0 287.0 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
15 7 29 210 7 2.9 0.117 0.127 0.031 25. 97. -50.2 0.0360 0.59 0.31 1.52 249.0 10.0 287.0 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
15 7 29 210 8 15.8 0.162 0.360 0.028 106. 156. -24.0 0.0360 0.59 0.21 1.99 262.0 10.0 287.5 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
15 7 29 210 9 27.6 0.222 0.456 0.024 123. 251. -35.6 0.0360 0.59 0.18 2.81 248.0 10.0 288.8 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
15 7 29 210 10 37.8 0.242 0.532 0.022 143. 286. -33.9 0.0360 0.59 0.17 3.06 241.0 10.0 291.4 2.0 0
0.00 75. 1009. 10 ADJ-A1 NoSubs
15 7 29 210 11 181.5 0.339 1.113 0.015 274. 475. -19.4 0.0450 0.59 0.17 3.91 228.0 10.0 292.5 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
15 7 29 210 12 196.5 0.405 1.263 0.005 369. 619. -30.5 0.0450 0.59 0.17 4.85 218.0 10.0 293.1 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
15 7 29 210 13 199.4 0.381 1.379 0.008 474. 565. -25.0 0.0450 0.59 0.17 4.49 222.0 10.0 293.8 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
15 7 29 210 14 190.2 0.401 1.399 0.005 519. 609. -30.5 0.0450 0.59 0.17 4.80 230.0 10.0 293.8 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
15 7 29 210 15 168.7 0.411 1.375 0.005 555. 632. -37.0 0.0450 0.59 0.17 4.99 228.0 10.0 293.8 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
15 7 29 210 16 135.6 0.367 1.299 0.007 582. 534. -32.7 0.0450 0.59 0.18 4.41 231.0 10.0 292.5 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
15 7 29 210 17 93.3 0.340 1.158 0.006 599. 477. -38.0 0.0450 0.59 0.19 4.14 228.0 10.0 290.9 2.0 0
0.00 80. 1009. 5 ADJ-A1 NoSubs
15 7 29 210 18 47.7 0.313 0.931 0.005 608. 422. -58.0 0.0450 0.59 0.25 3.91 229.0 10.0 290.9 2.0 0
0.00 80. 1008. 3 ADJ-A1 NoSubs
15 7 29 210 19 1.1 0.259 0.266 0.005 607. 318. -1412.7 0.0450 0.59 0.43 3.49 214.0 10.0 289.9 2.0 0
0.00 83. 1009. 5 ADJ-A1 NoSubs
15 7 29 210 20 -16.2 0.172 -9.000 -9.000 -999. 174. 32.6 0.0450 0.59 1.00 2.50 215.0 10.0 289.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 7 29 210 21 -8.3 0.121 -9.000 -9.000 -999. 102. 19.4 0.0450 0.59 1.00 1.81 225.0 10.0 289.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 29 210 22 -4.0 0.084 -9.000 -9.000 -999. 59. 13.4 0.0450 0.59 1.00 1.26 219.0 10.0 289.9 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 7 29 210 23 -5.8 0.101 -9.000 -9.000 -999. 77. 15.9 0.0450 0.59 1.00 1.52 227.0 10.0 289.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 29 210 24 -4.8 0.091 -9.000 -9.000 -999. 66. 14.5 0.0450 0.59 1.00 1.38 237.0 10.0 289.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 30 211 1 -6.2 0.104 -9.000 -9.000 -999. 81. 16.5 0.0450 0.59 1.00 1.57 236.0 10.0 289.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 30 211 2 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0360 0.59 1.00 1.42 250.0 10.0 288.8 2.0 0
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15 7 30 211 3 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0360 0.59 1.00 1.62 242.0 10.0 288.8 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
15 7 30 211 4 -7.0 0.111 -9.000 -9.000 -999. 89. 17.6 0.0450 0.59 1.00 1.67 230.0 10.0 288.8 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
15 7 30 211 5 -6.7 0.108 -9.000 -9.000 -999. 85. 16.8 0.0360 0.59 1.00 1.69 242.0 10.0 288.8 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
15 7 30 211 6 -5.4 0.098 -9.000 -9.000 -999. 74. 15.7 0.0360 0.59 0.61 1.54 241.0 10.0 288.1 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
15 7 30 211 7 3.0 0.131 0.237 0.032 156. 114. -66.7 0.0450 0.59 0.31 1.65 223.0 10.0 288.1 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
15 7 30 211 8 16.0 0.128 0.495 0.041 274. 109. -11.7 0.0450 0.59 0.21 1.40 222.0 10.0 288.8 2.0 0

0.00 96. 1012. 10 ADJ-A1 NoSubs
15 7 30 211 9 27.8 0.144 0.652 0.042 359. 131. -9.6 0.0360 0.59 0.18 1.62 250.0 10.0 289.9 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
15 7 30 211 10 37.9 0.166 0.734 0.041 377. 163. -10.9 0.0450 0.59 0.17 1.81 220.0 10.0 292.0 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
15 7 30 211 11 181.8 0.281 1.320 0.039 457. 358. -11.0 0.0280 0.59 0.17 3.39 191.0 10.0 294.2 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
15 7 30 211 12 196.8 0.370 1.411 0.031 516. 541. -23.3 0.0450 0.59 0.17 4.34 216.0 10.0 294.9 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
15 7 30 211 13 199.6 0.371 1.435 0.031 534. 542. -23.0 0.0450 0.59 0.17 4.34 217.0 10.0 295.4 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
15 7 30 211 14 190.3 0.370 1.422 0.030 545. 539. -23.9 0.0450 0.59 0.17 4.34 224.0 10.0 294.9 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
15 7 30 211 15 168.8 0.363 1.373 0.027 554. 526. -25.6 0.0450 0.59 0.17 4.29 219.0 10.0 294.9 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
15 7 30 211 16 135.6 0.401 1.282 0.018 560. 610. -43.0 0.0450 0.59 0.18 4.92 235.0 10.0 293.8 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
15 7 30 211 17 92.5 0.359 1.132 0.024 565. 518. -45.2 0.0450 0.59 0.19 4.42 229.0 10.0 292.0 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 7 30 211 18 40.0 0.311 0.857 0.024 566. 417. -67.6 0.0450 0.59 0.25 3.91 221.0 10.0 290.9 2.0 0
0.00 83. 1010. 7 ADJ-A1 NoSubs
15 7 30 211 19 -9.0 0.197 -9.000 -9.000 -999. 216. 76.5 0.0450 0.59 0.43 2.79 210.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 30 211 20 -14.5 0.162 -9.000 -9.000 -999. 157. 29.0 0.0450 0.59 1.00 2.37 214.0 10.0 289.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 7 30 211 21 -6.7 0.106 -9.000 -9.000 -999. 84. 16.2 0.0280 0.59 1.00 1.74 197.0 10.0 289.2 2.0 0
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15 7 30 211 22 -4.9 0.092 -9.000 -9.000 -999. 67. 14.4 0.0390 0.59 1.00 1.43 149.0 10.0 289.2 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
15 7 30 211 23 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0360 0.59 1.00 1.43 99.0 10.0 289.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 7 30 211 24 -4.2 0.085 -9.000 -9.000 -999. 60. 13.2 0.0340 0.59 1.00 1.35 81.0 10.0 289.9 2.0 0
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15 7 31 212 1 -4.7 0.089 -9.000 -9.000 -999. 64. 13.8 0.0340 0.59 1.00 1.42 68.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 31 212 2 -4.6 0.089 -9.000 -9.000 -999. 64. 13.9 0.0360 0.59 1.00 1.40 93.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 31 212 3 -7.5 0.114 -9.000 -9.000 -999. 92. 17.9 0.0370 0.59 1.00 1.77 30.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 31 212 4 -2.5 0.069 -9.000 -9.000 -999. 44. 12.0 0.0420 0.59 1.00 0.97 160.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 7 31 212 5 -4.7 0.089 -9.000 -9.000 -999. 64. 13.8 0.0340 0.59 1.00 1.42 60.0 10.0 289.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 6 -3.3 0.077 -9.000 -9.000 -999. 51. 12.5 0.0340 0.59 0.61 1.21 60.0 10.0 289.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 7 3.4 0.109 0.306 0.039 305. 87. -34.8 0.0340 0.59 0.31 1.40 76.0 10.0 289.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 8 16.2 0.156 0.526 0.039 324. 148. -21.1 0.0370 0.59 0.21 1.89 54.0 10.0 289.9 2.0 11
0.30 96. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 9 27.9 0.155 0.650 0.039 354. 147. -12.1 0.0390 0.59 0.18 1.76 126.0 10.0 290.4 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 10 37.4 0.207 0.741 0.039 392. 226. -21.3 0.0420 0.59 0.17 2.44 174.0 10.0 290.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 11 44.9 0.210 0.814 0.039 433. 231. -18.7 0.0420 0.59 0.17 2.45 177.0 10.0 293.1 2.0 0

0.00 77. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 12 48.4 0.296 0.852 0.039 460. 386. -48.2 0.0280 0.59 0.17 4.00 198.0 10.0 292.5 2.0 0
0.00 78. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 13 49.2 0.377 0.862 0.024 470. 556. -98.4 0.0450 0.59 0.17 4.83 221.0 10.0 293.1 2.0 0
0.00 72. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 14 183.5 0.413 1.356 0.015 490. 637. -34.6 0.0450 0.59 0.17 4.99 233.0 10.0 294.2 2.0 0
0.00 70. 1011. 5 ADJ-A1 NoSubs
15 7 31 212 15 41.3 0.407 0.827 0.016 493. 624. -147.1 0.0450 0.59 0.17 5.29 226.0 10.0 292.5 2.0 0
0.00 75. 1011. 10 ADJ-A1 NoSubs
15 7 31 212 16 33.0 0.350 0.768 0.033 495. 499. -117.1 0.0450 0.59 0.18 4.51 227.0 10.0 292.0 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
15 7 31 212 17 22.1 0.322 0.673 0.034 496. 439. -135.6 0.0450 0.59 0.20 4.17 223.0 10.0 291.4 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
15 7 31 212 18 9.6 0.257 0.509 0.033 497. 315. -160.1 0.0450 0.59 0.25 3.35 231.0 10.0 290.9 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 7 31 212 19 -9.8 0.213 -9.000 -9.000 -999. 236. 88.6 0.0450 0.59 0.44 3.01 238.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 7 31 212 20 -11.4 0.143 -9.000 -9.000 -999. 132. 23.3 0.0450 0.59 1.00 2.11 236.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 7 31 212 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 289.9 2.0
0 0.00 89. 1011. 10 ADJ-SFC NoSubs
15 7 31 212 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 999.00 999.0 -9.0 290.4 2.0
0 0.00 86. 1011. 10 NAD NoSubs
15 7 31 212 23 -18.3 0.188 -9.000 -9.000 -999. 196. 39.0 0.0340 0.59 1.00 2.86 77.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
15 7 31 212 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 290.4 2.0
0 0.00 86. 1010. 10 ADJ-SFC NoSubs
15 8 1 213 1 -7.2 0.111 -9.000 -9.000 -999. 89. 17.4 0.0340 0.59 1.00 1.76 79.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
15 8 1 213 2 -13.6 0.156 -9.000 -9.000 -999. 147. 26.7 0.0370 0.59 1.00 2.36 50.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-SFC NoSubs
15 8 1 213 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-SFC NoSubs
15 8 1 213 4 -7.5 0.114 -9.000 -9.000 -999. 93. 18.0 0.0390 0.59 1.00 1.76 130.0 10.0 289.9 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
15 8 1 213 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 289.9 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
15 8 1 213 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.62 0.00 0.0 10.0 289.9 2.0 0
0.00 86. 1011. 10 ADJ-SFC NoSubs
15 8 1 213 7 3.2 -9.000 -9.000 -9.000 95. -999. -99999.0 0.0373 0.59 0.31 0.00 0.0 10.0 289.9 2.0 0
0.00 89. 1011. 10 ADJ-SFC NoSubs
15 8 1 213 8 16.4 0.148 0.536 0.029 339. 136. -17.8 0.0373 0.59 0.21 1.76 999.0 10.0 290.9 2.0 0
0.00 80. 1011. 10 ADJ-SFC NoSubs
15 8 1 213 9 28.5 0.312 0.694 0.031 423. 418. -96.2 0.0280 0.59 0.18 4.36 195.0 10.0 292.5 2.0 0
0.00 70. 1011. 10 ADJ-SFC NoSubs
15 8 1 213 10 150.7 0.332 1.302 0.031 528. 458. -21.8 0.0450 0.59 0.17 3.86 210.0 10.0 294.9 2.0 0
0.00 62. 1011. 5 ADJ-SFC NoSubs
15 8 1 213 11 181.5 0.324 1.427 0.029 577. 442. -16.8 0.0360 0.59 0.17 3.86 252.0 10.0 295.4 2.0 0
0.00 60. 1010. 0 ADJ-SFC NoSubs
15 8 1 213 12 196.6 0.406 1.497 0.026 615. 620. -30.6 0.0450 0.59 0.17 4.86 225.0 10.0 295.9 2.0 0
0.00 58. 1010. 0 ADJ-SFC NoSubs
15 8 1 213 13 199.0 0.406 1.515 0.024 631. 621. -30.3 0.0450 0.59 0.17 4.86 239.0 10.0 295.4 2.0 0
0.00 60. 1009. 0 ADJ-SFC NoSubs
15 8 1 213 14 190.2 0.439 1.504 0.013 644. 698. -40.1 0.0450 0.59 0.17 5.36 226.0 10.0 296.4 2.0 0

0.00 56. 1009. 0 ADJ-SFC NoSubs
15 8 1 213 15 168.6 0.388 1.453 0.019 656. 581. -31.1 0.0360 0.59 0.17 4.86 240.0 10.0 296.4 2.0 0
0.00 56. 1009. 0 ADJ-SFC NoSubs
15 8 1 213 16 135.0 0.507 1.356 0.008 665. 867. -87.0 0.0450 0.59 0.18 6.46 228.0 10.0 294.9 2.0 0
0.00 62. 1009. 0 ADJ-SFC NoSubs
15 8 1 213 17 92.0 0.462 1.197 0.010 670. 757. -96.5 0.0280 0.59 0.20 6.46 198.0 10.0 293.8 2.0 0
0.00 69. 1009. 0 ADJ-SFC NoSubs
15 8 1 213 18 46.4 0.350 0.954 0.016 673. 506. -83.0 0.0280 0.59 0.25 4.86 194.0 10.0 292.5 2.0 0
0.00 78. 1009. 3 ADJ-SFC NoSubs
15 8 1 213 19 -13.8 0.309 -9.000 -9.000 -999. 414. 193.0 0.0420 0.59 0.44 4.36 176.0 10.0 291.4 2.0 0
0.00 84. 1009. 10 ADJ-SFC NoSubs
15 8 1 213 20 -13.8 0.157 -9.000 -9.000 -999. 167. 27.2 0.0390 0.59 1.00 2.36 149.0 10.0 290.9 2.0 0
0.00 86. 1009. 10 ADJ-SFC NoSubs
15 8 1 213 21 -18.5 0.190 -9.000 -9.000 -999. 199. 39.8 0.0360 0.59 1.00 2.86 96.0 10.0 290.9 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
15 8 1 213 22 -18.5 0.190 -9.000 -9.000 -999. 199. 39.8 0.0360 0.59 1.00 2.86 107.0 10.0 290.9 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
15 8 1 213 23 -13.4 0.155 -9.000 -9.000 -999. 147. 26.4 0.0360 0.59 1.00 2.36 108.0 10.0 290.9 2.0 0
0.00 86. 1009. 10 ADJ-SFC NoSubs
15 8 1 213 24 -13.8 0.157 -9.000 -9.000 -999. 150. 27.2 0.0390 0.59 1.00 2.36 139.0 10.0 290.9 2.0 0
0.00 86. 1009. 10 ADJ-SFC NoSubs
15 8 2 214 1 -8.6 0.122 -9.000 -9.000 -999. 103. 19.3 0.0340 0.59 1.00 1.92 84.0 10.0 290.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
15 8 2 214 2 -4.0 0.084 -9.000 -9.000 -999. 59. 13.4 0.0420 0.59 1.00 1.28 160.0 10.0 290.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 8 2 214 3 -4.1 0.085 -9.000 -9.000 -999. 59. 13.4 0.0390 0.59 1.00 1.31 143.0 10.0 290.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 8 2 214 4 -11.4 0.142 -9.000 -9.000 -999. 129. 22.7 0.0360 0.59 1.00 2.18 104.0 10.0 290.4 2.0 0
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15 8 2 214 5 -10.3 0.135 -9.000 -9.000 -999. 119. 21.5 0.0360 0.59 1.00 2.08 116.0 10.0 290.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 8 2 214 6 -10.1 0.134 -9.000 -9.000 -999. 118. 21.5 0.0280 0.59 0.63 2.15 209.0 10.0 289.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
15 8 2 214 7 3.1 0.151 0.324 0.024 394. 140. -99.2 0.0280 0.59 0.32 2.11 191.0 10.0 289.9 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
15 8 2 214 8 16.1 0.156 0.583 0.027 444. 148. -21.3 0.0420 0.59 0.21 1.84 176.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 8 2 214 9 27.8 0.158 0.737 0.031 519. 150. -12.7 0.0420 0.59 0.18 1.77 174.0 10.0 290.9 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 8 2 214 10 37.7 0.232 0.860 0.033 606. 268. -29.7 0.0420 0.59 0.17 2.81 164.0 10.0 292.5 2.0 0
0.00 75. 1010. 10 ADJ-A1 NoSubs
15 8 2 214 11 44.7 0.227 0.958 0.034 708. 259. -23.5 0.0280 0.59 0.17 2.93 208.0 10.0 293.1 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
15 8 2 214 12 196.0 0.297 1.594 0.032 745. 388. -12.0 0.0280 0.59 0.17 3.61 191.0 10.0 295.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
15 8 2 214 13 198.6 0.387 1.621 0.030 772. 578. -26.3 0.0450 0.59 0.17 4.58 210.0 10.0 295.4 2.0 0
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15 8 2 214 14 189.4 0.443 1.605 0.028 786. 706. -41.2 0.0450 0.59 0.17 5.41 226.0 10.0 295.4 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
15 8 2 214 15 168.0 0.450 1.548 0.027 796. 724. -48.8 0.0450 0.59 0.17 5.56 228.0 10.0 295.9 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
15 8 2 214 16 134.7 0.421 1.444 0.025 804. 657. -49.8 0.0450 0.59 0.18 5.21 230.0 10.0 295.4 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
15 8 2 214 17 91.9 0.326 1.274 0.025 809. 452. -33.7 0.0280 0.59 0.20 4.31 203.0 10.0 294.9 2.0 0

0.00 60. 1007. 0 ADJ-A1 NoSubs
15 8 2 214 18 41.2 0.339 0.976 0.024 811. 473. -84.9 0.0420 0.59 0.26 4.37 173.0 10.0 292.5 2.0 0
0.00 70. 1007. 0 ADJ-A1 NoSubs
15 8 2 214 19 -11.4 0.299 -9.000 -9.000 -999. 393. 209.6 0.0390 0.59 0.45 4.26 135.0 10.0 290.9 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
15 8 2 214 20 -25.9 0.267 -9.000 -9.000 -999. 331. 78.2 0.0360 0.59 1.00 3.95 93.0 10.0 290.4 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
15 8 2 214 21 -21.9 0.226 -9.000 -9.000 -999. 258. 56.0 0.0340 0.59 1.00 3.40 76.0 10.0 290.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 8 2 214 22 -15.9 0.169 -9.000 -9.000 -999. 168. 31.5 0.0370 0.59 1.00 2.55 36.0 10.0 289.9 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 8 2 214 23 -7.2 0.113 -9.000 -9.000 -999. 92. 17.9 0.0440 0.59 1.00 1.70 355.0 10.0 289.2 2.0 0
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15 8 2 214 24 -6.4 0.106 -9.000 -9.000 -999. 83. 16.7 0.0440 0.59 1.00 1.60 343.0 10.0 288.1 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
15 8 3 215 1 -8.0 0.118 -9.000 -9.000 -999. 97. 18.5 0.0380 0.59 1.00 1.82 308.0 10.0 287.5 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
15 8 3 215 2 -8.4 0.122 -9.000 -9.000 -999. 102. 19.1 0.0380 0.59 1.00 1.87 315.0 10.0 287.5 2.0 0
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15 8 3 215 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.2 0.0380 0.59 1.00 1.30 324.0 10.0 288.1 2.0 0
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15 8 3 215 4 -3.3 0.077 -9.000 -9.000 -999. 52. 12.6 0.0440 0.59 1.00 1.14 339.0 10.0 289.2 2.0 0
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15 8 3 215 5 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.59 1.00 1.11 1.0 10.0 289.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 8 3 215 6 -3.0 0.074 -9.000 -9.000 -999. 48. 12.1 0.0360 0.59 0.63 1.13 256.0 10.0 289.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 8 3 215 7 3.0 0.106 0.339 0.009 473. 83. -36.4 0.0320 0.59 0.32 1.38 299.0 10.0 289.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
15 8 3 215 8 15.9 0.097 0.608 0.013 508. 72. -5.1 0.0360 0.59 0.22 1.01 243.0 10.0 290.4 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
15 8 3 215 9 27.7 0.138 0.758 0.017 565. 123. -8.5 0.0420 0.59 0.18 1.48 171.0 10.0 290.9 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
15 8 3 215 10 37.5 0.177 0.871 0.023 634. 179. -13.4 0.0280 0.59 0.17 2.18 198.0 10.0 292.0 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
15 8 3 215 11 175.0 0.251 1.628 0.029 890. 301. -8.1 0.0420 0.59 0.17 2.68 162.0 10.0 294.9 2.0 0
0.00 60. 1010. 5 ADJ-A1 NoSubs
15 8 3 215 12 195.9 0.432 1.728 0.028 950. 681. -37.0 0.0450 0.59 0.17 5.24 225.0 10.0 295.9 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
15 8 3 215 13 198.1 0.447 1.741 0.026 962. 717. -40.6 0.0450 0.59 0.17 5.46 229.0 10.0 294.9 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
15 8 3 215 14 189.2 0.444 1.721 0.025 971. 710. -41.6 0.0450 0.59 0.17 5.43 216.0 10.0 295.9 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
15 8 3 215 15 167.7 0.478 1.658 0.024 978. 793. -58.7 0.0450 0.59 0.17 5.97 234.0 10.0 296.4 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
15 8 3 215 16 134.5 0.421 1.543 0.023 985. 659. -49.9 0.0450 0.59 0.18 5.21 222.0 10.0 295.9 2.0 0
0.00 50. 1008. 0 ADJ-A1 NoSubs
15 8 3 215 17 91.5 0.320 1.360 0.022 989. 441. -32.1 0.0280 0.59 0.20 4.22 208.0 10.0 295.4 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
15 8 3 215 18 40.5 0.357 1.037 0.022 990. 511. -100.5 0.0420 0.59 0.26 4.63 175.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
15 8 3 215 19 -10.4 0.258 -9.000 -9.000 -999. 320. 149.0 0.0390 0.59 0.45 3.71 147.0 10.0 291.4 2.0 0
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15 8 3 215 20 -15.5 0.168 -9.000 -9.000 -999. 168. 30.9 0.0420 0.59 1.00 2.47 156.0 10.0 290.4 2.0 0

0.00 72. 1008. 0 ADJ-A1 NoSubs
15 8 3 215 21 -12.3 0.148 -9.000 -9.000 -999. 137. 24.1 0.0370 0.59 1.00 2.25 12.0 10.0 290.4 2.0 0
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15 8 3 215 22 -7.1 0.112 -9.000 -9.000 -999. 90. 17.8 0.0440 0.59 1.00 1.69 355.0 10.0 289.9 2.0 0
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15 8 3 215 23 -4.5 0.089 -9.000 -9.000 -999. 64. 14.1 0.0440 0.59 1.00 1.35 342.0 10.0 288.8 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 8 3 215 24 -6.5 0.106 -9.000 -9.000 -999. 83. 16.6 0.0380 0.59 1.00 1.65 316.0 10.0 287.5 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 8 4 216 1 -8.2 0.119 -9.000 -9.000 -999. 99. 18.7 0.0380 0.59 1.00 1.84 317.0 10.0 286.4 2.0 0
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15 8 4 216 2 -12.0 0.146 -9.000 -9.000 -999. 133. 23.4 0.0380 0.59 1.00 2.21 306.0 10.0 286.4 2.0 0
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15 8 4 216 3 -11.1 0.140 -9.000 -9.000 -999. 126. 22.2 0.0380 0.59 1.00 2.13 311.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
15 8 4 216 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.59 1.00 2.11 312.0 10.0 999.0 -9.0
0 0.00 999. 1009. 0 ADJ-A1 NoSubs
15 8 4 216 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.59 1.00 2.10 314.0 10.0 999.0 -9.0
0 0.00 999. 1009. 0 ADJ-A1 NoSubs
15 8 4 216 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.59 0.64 2.15 311.0 10.0 999.0 -9.0
0 0.00 999. 1010. 0 ADJ-A1 NoSubs
15 8 4 216 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.59 0.32 1.25 322.0 10.0 999.0 -9.0
0 0.00 999. 1009. 0 ADJ-A1 NoSubs
15 8 4 216 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0420 0.59 0.22 1.59 173.0 10.0 999.0 -9.0
0 0.00 999. 1010. 0 ADJ-A1 NoSubs
15 8 4 216 9 96.0 0.175 -9.000 -9.000 -999. 176. -5.1 0.0360 0.59 0.18 1.83 100.0 10.0 292.1 2.0 0
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15 8 4 216 10 152.6 0.293 -9.000 -9.000 -999. 380. -14.8 0.0280 0.59 0.17 3.63 201.0 10.0 293.1 2.0 0
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0.00 47. 1010. 0 ADJ-A1 NoSubs
15 8 4 216 14 189.2 0.494 -9.000 -9.000 -999. 833. -57.5 0.0450 0.59 0.17 6.16 227.0 10.0 297.0 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
15 8 4 216 15 167.3 0.478 -9.000 -9.000 -999. 794. -58.9 0.0450 0.59 0.17 5.97 231.0 10.0 296.4 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
15 8 4 216 16 133.9 0.469 -9.000 -9.000 -999. 770. -69.2 0.0450 0.59 0.18 5.90 220.0 10.0 295.9 2.0 0
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15 8 4 216 17 90.4 0.365 -9.000 -9.000 -999. 537. -48.5 0.0450 0.59 0.20 4.51 225.0 10.0 294.2 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
15 8 4 216 18 39.8 0.297 -9.000 -9.000 -999. 391. -59.3 0.0450 0.59 0.26 3.71 213.0 10.0 292.5 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
15 8 4 216 19 -7.7 0.179 -9.000 -9.000 -999. 189. 66.5 0.0450 0.59 0.45 2.54 210.0 10.0 291.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 8 4 216 20 -5.0 0.092 -9.000 -9.000 -999. 71. 14.1 0.0280 0.59 1.00 1.52 196.0 10.0 290.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 8 4 216 21 -4.6 0.089 -9.000 -9.000 -999. 64. 14.0 0.0390 0.59 1.00 1.38 129.0 10.0 290.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 8 4 216 22 -10.9 0.139 -9.000 -9.000 -999. 124. 22.1 0.0360 0.59 1.00 2.13 103.0 10.0 290.4 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 8 4 216 23 -7.1 0.112 -9.000 -9.000 -999. 90. 17.8 0.0440 0.59 1.00 1.69 344.0 10.0 289.9 2.0 0

0.00 83. 1011. 0 ADJ-A1 NoSubs
15 8 4 216 24 -5.4 0.096 -9.000 -9.000 -999. 72. 15.0 0.0380 0.59 1.00 1.50 323.0 10.0 288.8 2.0 0
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15 8 5 217 1 -7.4 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.59 1.00 1.76 311.0 10.0 288.1 2.0 0
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15 8 5 217 2 -10.8 0.138 -9.000 -9.000 -999. 123. 21.9 0.0380 0.59 1.00 2.10 318.0 10.0 287.5 2.0 0
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0.00 86. 1011. 5 ADJ-A1 NoSubs
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15 8 5 217 5 -5.2 0.094 -9.000 -9.000 -999. 70. 14.7 0.0380 0.59 1.00 1.47 315.0 10.0 287.0 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 8 5 217 6 -4.7 0.091 -9.000 -9.000 -999. 66. 14.5 0.0380 0.59 0.65 1.42 322.0 10.0 286.4 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
15 8 5 217 7 21.5 0.115 0.578 0.006 323. 94. -6.5 0.0380 0.59 0.32 1.23 308.0 10.0 289.9 2.0 0
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0.00 72. 1012. 0 ADJ-A1 NoSubs
15 8 5 217 9 114.6 0.194 1.317 0.022 719. 205. -5.7 0.0420 0.59 0.18 1.98 163.0 10.0 293.8 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
15 8 5 217 10 153.4 0.178 1.485 0.024 771. 180. -3.3 0.0340 0.59 0.17 1.77 87.0 10.0 296.4 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
15 8 5 217 11 180.7 0.306 1.609 0.024 832. 406. -14.3 0.0280 0.59 0.17 3.78 180.0 10.0 297.0 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
15 8 5 217 12 196.0 0.303 1.688 0.024 885. 400. -12.8 0.0450 0.59 0.17 3.35 231.0 10.0 298.1 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
15 8 5 217 13 197.9 0.337 1.709 0.022 909. 470. -17.5 0.0450 0.59 0.17 3.85 212.0 10.0 296.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
15 8 5 217 14 188.8 0.248 1.697 0.021 932. 300. -7.3 0.0280 0.59 0.17 2.86 200.0 10.0 297.0 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
15 8 5 217 15 167.2 0.272 1.645 0.019 959. 341. -10.9 0.0420 0.59 0.17 3.01 173.0 10.0 297.5 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
15 8 5 217 16 134.6 0.255 1.562 0.019 1019. 310. -11.1 0.0420 0.59 0.18 2.83 172.0 10.0 298.8 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
15 8 5 217 17 91.4 0.320 1.389 0.018 1055. 434. -32.2 0.0420 0.59 0.20 3.90 151.0 10.0 298.1 2.0 0
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15 8 5 217 18 39.3 0.276 1.050 0.018 1061. 349. -48.0 0.0360 0.59 0.26 3.56 117.0 10.0 293.1 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
15 8 5 217 19 -10.5 0.231 -9.000 -9.000 -999. 267. 105.0 0.0360 0.59 0.46 3.39 102.0 10.0 291.4 2.0 0
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15 8 5 217 20 -24.4 0.251 -9.000 -9.000 -999. 302. 69.4 0.0360 0.59 1.00 3.73 116.0 10.0 290.4 2.0 0
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15 8 5 217 22 -20.0 0.205 -9.000 -9.000 -999. 223. 46.3 0.0390 0.59 1.00 3.03 122.0 10.0 289.9 2.0 0
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15 8 5 217 23 -5.9 0.101 -9.000 -9.000 -999. 82. 15.6 0.0340 0.59 1.00 1.60 68.0 10.0 289.9 2.0 0
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15 8 5 217 24 -2.9 0.072 -9.000 -9.000 -999. 47. 11.7 0.0340 0.59 1.00 1.09 68.0 10.0 290.4 2.0 0
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15 8 6 218 2 -3.9 0.082 -9.000 -9.000 -999. 56. 12.7 0.0320 0.59 1.00 1.30 280.0 10.0 289.2 2.0 0

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15 8 6 218 4 -4.2 0.085 -9.000 -9.000 -999. 59. 13.3 0.0360 0.59 1.00 1.33 250.0 10.0 288.8 2.0 0
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15 8 6 218 5 -2.9 0.074 -9.000 -9.000 -999. 48. 12.2 0.0440 0.59 1.00 1.06 344.0 10.0 288.8 2.0 0
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15 8 6 218 6 -4.2 0.087 -9.000 -9.000 -999. 61. 13.9 0.0440 0.59 0.66 1.31 346.0 10.0 288.8 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
15 8 6 218 7 2.2 0.116 0.131 0.024 36. 95. -63.4 0.0360 0.59 0.32 1.52 254.0 10.0 288.8 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
15 8 6 218 8 15.2 0.112 0.410 0.025 162. 90. -8.4 0.0320 0.59 0.22 1.28 283.0 10.0 289.2 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
15 8 6 218 9 27.2 0.167 0.579 0.027 256. 163. -15.3 0.0450 0.59 0.18 1.88 239.0 10.0 290.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
15 8 6 218 10 36.6 0.159 0.676 0.026 303. 152. -9.8 0.0280 0.59 0.17 1.89 190.0 10.0 290.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
15 8 6 218 11 173.1 0.281 1.192 0.021 352. 357. -11.5 0.0360 0.59 0.17 3.22 110.0 10.0 292.5 2.0 0
0.00 72. 1008. 5 ADJ-A1 NoSubs
15 8 6 218 12 193.9 0.259 1.291 0.017 399. 317. -8.1 0.0280 0.59 0.17 3.03 198.0 10.0 293.8 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 8 6 218 13 196.0 0.297 1.339 0.014 440. 388. -12.0 0.0280 0.59 0.17 3.61 190.0 10.0 292.5 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
15 8 6 218 14 186.6 0.281 1.343 0.010 466. 358. -10.7 0.0450 0.59 0.17 3.05 210.0 10.0 292.5 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
15 8 6 218 15 165.0 0.262 1.309 0.007 488. 322. -9.8 0.0420 0.59 0.17 2.86 167.0 10.0 293.1 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
15 8 6 218 16 129.0 0.337 1.297 0.006 608. 470. -26.6 0.0280 0.59 0.18 4.39 198.0 10.0 291.4 2.0 0
0.00 75. 1006. 5 ADJ-A1 NoSubs
15 8 6 218 17 88.5 0.226 1.165 0.005 642. 264. -11.7 0.0280 0.59 0.20 2.74 200.0 10.0 292.5 2.0 0
0.00 70. 1006. 0 ADJ-A1 NoSubs
15 8 6 218 18 38.0 0.217 0.883 0.005 650. 243. -24.2 0.0280 0.59 0.26 2.81 181.0 10.0 291.4 2.0 0
0.00 75. 1005. 0 ADJ-A1 NoSubs
15 8 6 218 19 -14.5 0.246 -9.000 -9.000 -999. 292. 91.5 0.0450 0.59 0.46 3.47 210.0 10.0 289.9 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
15 8 6 218 20 -18.6 0.191 -9.000 -9.000 -999. 201. 40.2 0.0450 0.59 1.00 2.76 222.0 10.0 289.9 2.0 11
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15 8 6 218 21 -18.8 0.194 -9.000 -9.000 -999. 205. 41.3 0.0360 0.59 1.00 2.91 254.0 10.0 290.1 2.0 11
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15 8 6 218 22 -17.9 0.184 -9.000 -9.000 -999. 190. 37.4 0.0280 0.59 1.00 2.90 198.0 10.0 289.9 2.0 11
1.00 86. 1007. 7 ADJ-A1 NoSubs
15 8 6 218 23 -5.4 0.096 -9.000 -9.000 -999. 75. 14.9 0.0320 0.59 1.00 1.55 292.0 10.0 289.9 2.0 11
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15 8 6 218 24 -7.7 0.117 -9.000 -9.000 -999. 96. 18.7 0.0440 0.59 1.00 1.76 358.0 10.0 289.9 2.0 11
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15 8 7 219 1 -7.1 0.112 -9.000 -9.000 -999. 90. 17.8 0.0440 0.59 1.00 1.69 333.0 10.0 289.9 2.0 0
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15 8 7 219 2 -4.4 0.088 -9.000 -9.000 -999. 63. 14.0 0.0450 0.59 1.00 1.33 229.0 10.0 289.9 2.0 0
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15 8 7 219 3 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0360 0.59 1.00 1.30 264.0 10.0 289.9 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
15 8 7 219 4 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0360 0.59 1.00 1.43 251.0 10.0 289.9 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
15 8 7 219 5 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0360 0.59 1.00 1.21 252.0 10.0 289.9 2.0 0

0.00 83. 1006. 10 ADJ-A1 NoSubs
15 8 7 219 6 -6.8 0.109 -9.000 -9.000 -999. 87. 17.3 0.0360 0.59 0.66 1.71 262.0 10.0 289.9 2.0 0
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15 8 7 219 7 2.4 0.105 0.207 0.005 134. 81. -43.3 0.0380 0.59 0.33 1.33 316.0 10.0 289.9 2.0 0
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15 8 7 219 8 15.6 0.098 0.507 0.018 300. 74. -5.4 0.0320 0.59 0.22 1.06 273.0 10.0 290.9 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
15 8 7 219 9 27.4 0.158 0.708 0.022 465. 151. -13.0 0.0360 0.59 0.18 1.84 240.0 10.0 291.4 2.0 0
0.00 75. 1008. 10 ADJ-A1 NoSubs
15 8 7 219 10 37.1 0.249 0.812 0.023 520. 299. -37.6 0.0450 0.59 0.17 3.03 229.0 10.0 292.0 2.0 0
0.00 72. 1008. 10 ADJ-A1 NoSubs
15 8 7 219 11 44.2 0.224 0.871 0.023 538. 254. -22.7 0.0360 0.59 0.17 2.74 246.0 10.0 293.1 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
15 8 7 219 12 157.6 0.308 1.378 0.021 598. 410. -16.7 0.0450 0.59 0.17 3.50 223.0 10.0 294.2 2.0 0
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15 8 7 219 13 199.3 0.384 1.593 0.021 730. 570. -25.5 0.0450 0.59 0.17 4.53 232.0 10.0 295.4 2.0 0
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15 8 7 219 14 187.5 0.447 1.568 0.019 740. 717. -42.8 0.0450 0.59 0.17 5.48 228.0 10.0 295.9 2.0 0
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15 8 7 219 15 165.3 0.464 1.509 0.014 748. 759. -54.4 0.0450 0.59 0.17 5.77 232.0 10.0 295.4 2.0 0
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15 8 7 219 16 132.0 0.466 1.403 0.013 752. 764. -68.9 0.0450 0.59 0.18 5.87 239.0 10.0 295.4 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
15 8 7 219 17 88.4 0.461 1.230 0.015 755. 751. -99.3 0.0450 0.59 0.20 5.90 238.0 10.0 294.2 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
15 8 7 219 18 37.8 0.384 0.927 0.015 757. 575. -134.2 0.0450 0.59 0.26 4.97 238.0 10.0 293.1 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 8 7 219 19 -13.3 0.262 -9.000 -9.000 -999. 331. 121.4 0.0450 0.59 0.47 3.68 229.0 10.0 291.4 2.0 0
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15 8 7 219 20 -10.0 0.133 -9.000 -9.000 -999. 128. 21.1 0.0360 0.59 1.00 2.05 249.0 10.0 290.9 2.0 0
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15 8 7 219 21 -2.7 0.070 -9.000 -9.000 -999. 46. 11.5 0.0320 0.59 1.00 1.06 281.0 10.0 290.4 2.0 0
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15 8 7 219 22 -3.7 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.59 1.00 1.25 308.0 10.0 289.9 2.0 0
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15 8 7 219 23 -5.7 0.100 -9.000 -9.000 -999. 75. 15.5 0.0380 0.59 1.00 1.55 309.0 10.0 288.8 2.0 0
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15 8 7 219 24 -7.9 0.117 -9.000 -9.000 -999. 96. 18.4 0.0380 0.59 1.00 1.81 302.0 10.0 288.1 2.0 0
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15 8 8 220 1 -7.4 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.59 1.00 1.76 318.0 10.0 288.1 2.0 0
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15 8 8 220 2 -5.0 0.093 -9.000 -9.000 -999. 68. 14.5 0.0380 0.59 1.00 1.45 313.0 10.0 287.5 2.0 0
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15 8 8 220 3 -12.8 0.151 -9.000 -9.000 -999. 140. 25.0 0.0380 0.59 1.00 2.28 306.0 10.0 287.5 2.0 0
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15 8 8 220 4 -8.3 0.121 -9.000 -9.000 -999. 101. 19.0 0.0380 0.59 1.00 1.86 317.0 10.0 287.5 2.0 0
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15 8 8 220 5 -6.7 0.108 -9.000 -9.000 -999. 85. 16.8 0.0380 0.59 1.00 1.67 313.0 10.0 288.1 2.0 0
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0.00 83. 1008. 10 ADJ-A1 NoSubs
15 8 8 220 7 2.2 0.099 0.265 0.005 297. 75. -39.7 0.0320 0.59 0.33 1.30 298.0 10.0 289.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
15 8 8 220 8 15.3 0.123 0.639 0.026 615. 103. -10.9 0.0360 0.59 0.22 1.40 263.0 10.0 290.4 2.0 0

0.00 80. 1009. 10 ADJ-A1 NoSubs
15 8 8 220 9 27.1 0.180 0.812 0.027 709. 184. -19.5 0.0450 0.59 0.18 2.08 228.0 10.0 290.9 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
15 8 8 220 10 36.8 0.172 0.922 0.028 767. 171. -12.5 0.0450 0.59 0.17 1.90 220.0 10.0 291.4 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
15 8 8 220 11 44.1 0.219 0.982 0.028 773. 245. -21.3 0.0450 0.59 0.17 2.54 211.0 10.0 293.1 2.0 0
0.00 64. 1009. 10 ADJ-A1 NoSubs
15 8 8 220 12 157.3 0.357 1.514 0.026 795. 512. -26.0 0.0450 0.59 0.17 4.22 213.0 10.0 294.2 2.0 0
0.00 63. 1009. 7 ADJ-A1 NoSubs
15 8 8 220 13 198.7 0.407 1.655 0.025 822. 622. -30.5 0.0450 0.59 0.17 4.87 212.0 10.0 294.9 2.0 0
0.00 58. 1009. 3 ADJ-A1 NoSubs
15 8 8 220 14 186.7 0.414 1.633 0.023 841. 638. -34.1 0.0450 0.59 0.17 4.99 225.0 10.0 295.4 2.0 0
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15 8 8 220 15 167.4 0.456 1.581 0.022 851. 739. -51.0 0.0450 0.59 0.17 5.65 232.0 10.0 294.2 2.0 0
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15 8 8 220 16 130.7 0.429 1.461 0.020 859. 675. -54.3 0.0450 0.59 0.18 5.33 233.0 10.0 293.8 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
15 8 8 220 17 87.1 0.368 1.279 0.020 863. 538. -51.4 0.0450 0.59 0.20 4.56 216.0 10.0 292.5 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
15 8 8 220 18 36.4 0.269 0.957 0.019 865. 340. -47.8 0.0280 0.59 0.26 3.63 183.0 10.0 291.4 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
15 8 8 220 19 -12.9 0.237 -9.000 -9.000 -999. 278. 93.1 0.0360 0.59 0.48 3.49 112.0 10.0 290.4 2.0 0
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15 8 8 220 20 -24.5 0.252 -9.000 -9.000 -999. 304. 69.9 0.0340 0.59 1.00 3.78 87.0 10.0 290.4 2.0 0
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15 8 8 220 21 -20.2 0.207 -9.000 -9.000 -999. 227. 47.1 0.0340 0.59 1.00 3.13 82.0 10.0 289.9 2.0 0
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15 8 8 220 22 -7.8 0.117 -9.000 -9.000 -999. 99. 18.4 0.0370 0.59 1.00 1.81 40.0 10.0 289.9 2.0 0
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15 8 8 220 23 -6.0 0.102 -9.000 -9.000 -999. 78. 15.8 0.0370 0.59 1.00 1.59 5.0 10.0 289.2 2.0 0
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15 8 8 220 24 -4.5 0.089 -9.000 -9.000 -999. 63. 13.8 0.0380 0.59 1.00 1.38 324.0 10.0 288.1 2.0 0
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15 8 9 221 1 -7.4 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.59 1.00 1.76 306.0 10.0 287.0 2.0 0
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15 8 9 221 2 -4.2 0.086 -9.000 -9.000 -999. 60. 13.4 0.0380 0.59 1.00 1.33 302.0 10.0 286.4 2.0 0
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15 8 9 221 3 -6.2 0.104 -9.000 -9.000 -999. 80. 16.1 0.0380 0.59 1.00 1.61 311.0 10.0 287.0 2.0 0
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15 8 9 221 4 -3.1 0.075 -9.000 -9.000 -999. 49. 12.1 0.0370 0.59 1.00 1.13 12.0 10.0 288.1 2.0 0
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15 8 9 221 5 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.59 1.00 0.92 305.0 10.0 288.1 2.0 0
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15 8 9 221 6 -3.8 0.083 -9.000 -9.000 -999. 57. 13.3 0.0440 0.59 0.68 1.24 336.0 10.0 288.1 2.0 0
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15 8 9 221 7 1.6 0.101 0.175 0.018 120. 77. -58.5 0.0380 0.59 0.33 1.31 327.0 10.0 288.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
15 8 9 221 8 14.6 0.123 0.453 0.021 229. 103. -11.4 0.0440 0.59 0.22 1.35 341.0 10.0 288.8 2.0 0
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15 8 9 221 9 26.7 0.104 0.637 0.023 348. 81. -3.8 0.0420 0.59 0.18 1.01 169.0 10.0 289.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
15 8 9 221 10 150.4 0.153 1.310 0.028 538. 143. -2.1 0.0390 0.59 0.17 1.37 132.0 10.0 293.1 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
15 8 9 221 11 178.1 0.292 1.404 0.026 560. 378. -12.5 0.0280 0.59 0.17 3.56 189.0 10.0 294.9 2.0 0

0.00 60. 1009. 0 ADJ-A1 NoSubs
15 8 9 221 12 193.2 0.331 1.453 0.023 572. 456. -16.8 0.0280 0.59 0.17 4.15 190.0 10.0 295.4 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
15 8 9 221 13 196.0 0.326 1.470 0.021 584. 447. -15.9 0.0280 0.59 0.17 4.07 186.0 10.0 295.9 2.0 0
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15 8 9 221 14 186.0 0.376 1.454 0.019 595. 554. -25.8 0.0420 0.59 0.17 4.51 172.0 10.0 294.9 2.0 0
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15 8 9 221 15 164.0 0.349 1.409 0.017 614. 496. -23.4 0.0390 0.59 0.17 4.22 129.0 10.0 294.9 2.0 0
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15 8 9 221 16 130.5 0.365 1.324 0.015 640. 529. -33.4 0.0360 0.59 0.18 4.60 104.0 10.0 294.9 2.0 0
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15 8 9 221 17 90.8 0.398 1.189 0.014 666. 603. -62.5 0.0360 0.59 0.20 5.21 97.0 10.0 293.8 2.0 0
0.00 69. 1007. 3 ADJ-A1 NoSubs
15 8 9 221 18 36.2 0.354 0.880 0.014 676. 507. -110.2 0.0360 0.59 0.27 4.75 95.0 10.0 293.1 2.0 0
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15 8 9 221 19 -7.0 0.274 -9.000 -9.000 -999. 347. 262.1 0.0340 0.59 0.48 3.98 84.0 10.0 291.4 2.0 0
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15 8 9 221 21 -22.7 0.234 -9.000 -9.000 -999. 272. 60.2 0.0340 0.59 1.00 3.52 76.0 10.0 290.9 2.0 0
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15 8 9 221 23 -5.6 0.098 -9.000 -9.000 -999. 74. 15.4 0.0370 0.59 1.00 1.54 27.0 10.0 290.9 2.0 0
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15 8 9 221 24 -7.0 0.110 -9.000 -9.000 -999. 88. 17.2 0.0340 0.59 1.00 1.74 63.0 10.0 290.4 2.0 0
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15 8 10 222 1 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0340 0.59 1.00 1.65 65.0 10.0 290.4 2.0 0
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0.00 89. 1009. 10 ADJ-A1 NoSubs
15 8 10 222 7 1.8 0.180 0.135 0.021 50. 184. -300.2 0.0420 0.59 0.33 2.42 174.0 10.0 289.2 2.0 11
0.30 93. 1010. 10 ADJ-A1 NoSubs
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0.00 89. 1010. 10 ADJ-A1 NoSubs
15 8 10 222 9 26.4 0.234 0.625 0.024 334. 271. -43.7 0.0420 0.59 0.19 2.91 165.0 10.0 289.2 2.0 11
0.50 93. 1010. 10 ADJ-A1 NoSubs
15 8 10 222 10 36.0 0.215 0.732 0.027 392. 240. -24.9 0.0280 0.59 0.17 2.79 181.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
15 8 10 222 11 43.3 0.205 0.807 0.027 436. 223. -17.9 0.0420 0.59 0.17 2.38 179.0 10.0 291.4 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
15 8 10 222 12 156.7 0.299 1.352 0.026 569. 392. -15.4 0.0450 0.59 0.17 3.37 225.0 10.0 294.2 2.0 0
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15 8 10 222 13 195.3 0.360 1.492 0.024 613. 519. -21.5 0.0450 0.59 0.17 4.19 224.0 10.0 295.4 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
15 8 10 222 14 179.4 0.441 1.457 0.012 621. 703. -43.1 0.0450 0.59 0.17 5.41 233.0 10.0 294.2 2.0 0

0.00 67. 1009. 5 ADJ-A1 NoSubs
15 8 10 222 15 40.5 0.344 0.889 0.021 623. 491. -90.5 0.0280 0.59 0.17 4.80 202.0 10.0 293.8 2.0 0
0.00 72. 1008. 10 ADJ-A1 NoSubs
15 8 10 222 16 107.9 0.310 1.235 0.020 628. 415. -24.8 0.0390 0.59 0.18 3.76 128.0 10.0 294.2 2.0 0
0.00 70. 1008. 7 ADJ-A1 NoSubs
15 8 10 222 17 74.2 0.326 1.092 0.019 631. 446. -41.9 0.0360 0.59 0.20 4.17 107.0 10.0 294.2 2.0 0
0.00 70. 1007. 7 ADJ-A1 NoSubs
15 8 10 222 18 8.2 0.313 0.525 0.019 631. 421. -334.6 0.0340 0.59 0.27 4.37 79.0 10.0 292.5 2.0 0
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15 8 11 223 1 -4.3 0.087 -9.000 -9.000 -999. 61. 13.5 0.0370 0.59 1.00 1.35 47.0 10.0 290.9 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
15 8 11 223 2 -4.8 0.091 -9.000 -9.000 -999. 66. 14.3 0.0380 0.59 1.00 1.42 301.0 10.0 290.4 2.0 0
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15 8 11 223 5 -5.1 0.094 -9.000 -9.000 -999. 70. 14.9 0.0440 0.59 1.00 1.43 354.0 10.0 290.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
15 8 11 223 6 -4.8 0.092 -9.000 -9.000 -999. 67. 14.7 0.0440 0.59 0.69 1.40 340.0 10.0 289.9 2.0 0
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15 8 11 223 7 1.8 0.126 0.234 0.009 257. 107. -100.0 0.0320 0.59 0.33 1.72 286.0 10.0 289.9 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 8 11 223 8 14.8 0.146 0.514 0.015 329. 134. -19.0 0.0280 0.59 0.22 1.86 198.0 10.0 290.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
15 8 11 223 9 26.8 0.184 0.684 0.019 430. 189. -20.9 0.0390 0.59 0.19 2.20 147.0 10.0 290.9 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
15 8 11 223 10 36.6 0.193 0.818 0.019 538. 204. -17.8 0.0390 0.59 0.17 2.28 136.0 10.0 292.0 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
15 8 11 223 11 179.9 0.228 1.490 0.018 662. 262. -5.9 0.0360 0.59 0.17 2.43 112.0 10.0 294.2 2.0 0
0.00 65. 1009. 3 ADJ-A1 NoSubs
15 8 11 223 12 192.4 0.315 1.562 0.017 713. 424. -14.6 0.0280 0.59 0.17 3.90 202.0 10.0 295.4 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
15 8 11 223 13 195.1 0.320 1.600 0.015 756. 434. -15.0 0.0280 0.59 0.17 3.97 208.0 10.0 295.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
15 8 11 223 14 185.2 0.417 1.589 0.014 779. 647. -35.3 0.0450 0.59 0.17 5.05 222.0 10.0 295.4 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
15 8 11 223 15 162.9 0.425 1.534 0.012 798. 666. -42.5 0.0450 0.59 0.17 5.21 217.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
15 8 11 223 16 128.8 0.360 1.427 0.011 812. 521. -32.5 0.0280 0.59 0.18 4.75 208.0 10.0 293.8 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
15 8 11 223 17 86.2 0.349 1.254 0.011 822. 495. -44.3 0.0280 0.59 0.20 4.70 209.0 10.0 293.1 2.0 0

0.00 69. 1008. 5 ADJ-A1 NoSubs
15 8 11 223 18 7.7 0.269 0.560 0.011 822. 338. -228.7 0.0280 0.59 0.27 3.86 199.0 10.0 291.4 2.0 0
0.00 77. 1008. 10 ADJ-SFC NoSubs
15 8 11 223 19 -10.9 0.162 -9.000 -9.000 -999. 162. 34.9 0.0420 0.59 0.49 2.36 156.0 10.0 290.9 2.0 0
0.00 80. 1008. 10 ADJ-SFC NoSubs
15 8 11 223 20 -13.4 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.59 1.00 2.36 119.0 10.0 290.4 2.0 0
0.00 83. 1009. 10 ADJ-SFC NoSubs
15 8 11 223 21 -13.5 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.59 1.00 2.36 101.0 10.0 290.4 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
15 8 11 223 22 -22.0 0.226 -9.000 -9.000 -999. 259. 56.4 0.0370 0.59 1.00 3.36 58.0 10.0 290.9 2.0 0
0.00 80. 1010. 10 ADJ-SFC NoSubs
15 8 11 223 23 -21.7 0.223 -9.000 -9.000 -999. 253. 54.7 0.0340 0.59 1.00 3.36 66.0 10.0 290.9 2.0 0
0.00 80. 1010. 10 ADJ-SFC NoSubs
15 8 11 223 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 290.4 2.0
0 0.00 80. 1010. 10 ADJ-SFC NoSubs
15 8 12 224 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 289.9 2.0
0 0.00 83. 1010. 0 ADJ-SFC NoSubs
15 8 12 224 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 289.2 2.0
0 0.00 83. 1010. 3 ADJ-SFC NoSubs
15 8 12 224 3 -7.4 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.59 1.00 1.76 317.0 10.0 288.1 2.0 0
0.00 86. 1010. 7 ADJ-SFC NoSubs
15 8 12 224 4 -7.5 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.59 1.00 1.76 319.0 10.0 287.0 2.0 0
0.00 86. 1010. 0 ADJ-SFC NoSubs
15 8 12 224 5 -7.5 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.59 1.00 1.76 317.0 10.0 286.4 2.0 0
0.00 86. 1011. 0 ADJ-SFC NoSubs
15 8 12 224 6 -7.4 0.114 -9.000 -9.000 -999. 92. 17.9 0.0380 0.59 0.70 1.76 316.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-SFC NoSubs
15 8 12 224 7 11.3 -9.000 -9.000 -9.000 83. -999. -99999.0 0.0373 0.59 0.34 0.00 0.0 10.0 289.9 2.0 0
0.00 77. 1012. 0 ADJ-SFC NoSubs
15 8 12 224 8 63.4 -9.000 -9.000 -9.000 261. -999. -99999.0 0.0373 0.59 0.22 0.00 0.0 10.0 291.4 2.0 0
0.00 72. 1013. 0 ADJ-SFC NoSubs
15 8 12 224 9 111.2 0.174 1.040 0.014 365. 175. -4.3 0.0373 0.59 0.19 1.76 999.0 10.0 293.8 2.0 0
0.00 62. 1012. 0 ADJ-SFC NoSubs
15 8 12 224 10 150.6 0.275 1.270 0.013 492. 347. -12.5 0.0280 0.59 0.17 3.36 204.0 10.0 297.0 2.0 0
0.00 49. 1012. 0 ADJ-SFC NoSubs
15 8 12 224 11 178.2 0.369 1.408 0.011 566. 539. -25.5 0.0450 0.59 0.17 4.36 236.0 10.0 298.1 2.0 0
0.00 42. 1012. 0 ADJ-SFC NoSubs
15 8 12 224 12 193.6 0.338 1.510 0.011 642. 471. -17.9 0.0450 0.59 0.17 3.86 226.0 10.0 299.2 2.0 0
0.00 38. 1012. 0 ADJ-SFC NoSubs
15 8 12 224 13 195.8 0.424 1.572 0.009 716. 662. -35.1 0.0360 0.59 0.17 5.36 244.0 10.0 298.8 2.0 0
0.00 39. 1011. 0 ADJ-SFC NoSubs
15 8 12 224 14 185.8 0.404 1.586 0.008 776. 618. -32.1 0.0450 0.59 0.17 4.86 229.0 10.0 298.1 2.0 0
0.00 49. 1011. 0 ADJ-SFC NoSubs
15 8 12 224 15 163.4 0.581 1.609 0.008 921. 1061. -108.1 0.0450 0.59 0.17 7.46 226.0 10.0 297.5 2.0
0 0.00 51. 1011. 0 ADJ-SFC NoSubs
15 8 12 224 16 129.1 0.396 1.537 0.008 1016. 630. -43.4 0.0450 0.59 0.18 4.86 216.0 10.0 296.4 2.0 0
0.00 56. 1011. 0 ADJ-SFC NoSubs
15 8 12 224 17 85.1 0.233 1.349 0.009 1040. 295. -13.4 0.0280 0.59 0.20 2.86 208.0 10.0 295.4 2.0 0
0.00 63. 1011. 0 ADJ-SFC NoSubs
15 8 12 224 18 34.0 0.282 0.996 0.009 1049. 360. -59.6 0.0280 0.59 0.27 3.86 192.0 10.0 294.2 2.0 0
0.00 72. 1011. 0 ADJ-SFC NoSubs
15 8 12 224 19 -8.0 0.220 -9.000 -9.000 -999. 249. 119.2 0.0280 0.59 0.50 3.36 186.0 10.0 292.5 2.0 0
0.00 80. 1011. 7 ADJ-SFC NoSubs
15 8 12 224 20 -14.4 0.162 -9.000 -9.000 -999. 157. 28.8 0.0450 0.59 1.00 2.36 219.0 10.0 292.0 2.0 0

0.00 86. 1012. 10 ADJ-SFC NoSubs
15 8 12 224 21 -6.6 0.108 -9.000 -9.000 -999. 85. 17.0 0.0390 0.59 1.00 1.66 120.0 10.0 292.5 2.0 0
0.00 84. 1012. 10 ADJ-A1 NoSubs
15 8 12 224 22 -7.0 0.110 -9.000 -9.000 -999. 88. 17.3 0.0360 0.59 1.00 1.72 95.0 10.0 292.5 2.0 0
0.00 84. 1012. 10 ADJ-A1 NoSubs
15 8 12 224 23 -9.7 0.130 -9.000 -9.000 -999. 113. 20.6 0.0340 0.59 1.00 2.03 81.0 10.0 292.5 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
15 8 12 224 24 -5.5 0.098 -9.000 -9.000 -999. 73. 15.2 0.0340 0.59 1.00 1.55 70.0 10.0 292.5 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
15 8 13 225 1 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0340 0.59 1.00 1.31 66.0 10.0 292.5 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
15 8 13 225 2 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0320 0.59 1.00 1.43 291.0 10.0 291.4 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
15 8 13 225 3 -6.7 0.107 -9.000 -9.000 -999. 84. 16.6 0.0320 0.59 1.00 1.71 279.0 10.0 290.9 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
15 8 13 225 4 -8.2 0.119 -9.000 -9.000 -999. 99. 18.6 0.0320 0.59 1.00 1.89 294.0 10.0 290.9 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
15 8 13 225 5 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0320 0.59 1.00 1.59 297.0 10.0 290.9 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
15 8 13 225 6 -4.8 0.092 -9.000 -9.000 -999. 67. 14.4 0.0380 0.59 0.71 1.43 303.0 10.0 291.4 2.0 0
0.00 75. 1012. 10 ADJ-A1 NoSubs
15 8 13 225 7 2.2 0.100 0.258 0.007 284. 76. -41.3 0.0320 0.59 0.34 1.31 295.0 10.0 292.0 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
15 8 13 225 8 15.7 0.129 0.544 0.010 370. 111. -12.4 0.0440 0.59 0.22 1.43 341.0 10.0 293.8 2.0 0
0.00 67. 1012. 10 ADJ-A1 NoSubs
15 8 13 225 9 115.0 0.189 1.285 0.023 667. 197. -5.3 0.0390 0.59 0.19 1.94 131.0 10.0 295.4 2.0 0
0.00 63. 1012. 3 ADJ-A1 NoSubs
15 8 13 225 10 149.8 0.218 1.433 0.022 709. 245. -6.3 0.0420 0.59 0.17 2.26 173.0 10.0 296.4 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
15 8 13 225 11 177.2 0.346 1.548 0.019 756. 489. -21.1 0.0450 0.59 0.17 4.02 222.0 10.0 297.0 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
15 8 13 225 12 192.1 0.424 1.623 0.017 804. 663. -35.9 0.0450 0.59 0.17 5.14 228.0 10.0 297.0 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
15 8 13 225 13 195.1 0.468 1.674 0.015 868. 767. -47.3 0.0450 0.59 0.17 5.77 234.0 10.0 298.1 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
15 8 13 225 14 185.3 0.427 1.707 0.014 968. 671. -37.9 0.0450 0.59 0.17 5.19 227.0 10.0 298.1 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
15 8 13 225 15 163.5 0.374 1.649 0.013 989. 551. -28.9 0.0450 0.59 0.17 4.46 217.0 10.0 299.2 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
15 8 13 225 16 129.2 0.302 1.529 0.012 999. 401. -19.1 0.0280 0.59 0.18 3.83 192.0 10.0 298.1 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
15 8 13 225 17 83.9 0.368 1.327 0.011 1004. 535. -53.4 0.0420 0.59 0.20 4.63 161.0 10.0 294.2 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
15 8 13 225 18 32.5 0.290 0.968 0.011 1006. 378. -67.5 0.0390 0.59 0.27 3.75 132.0 10.0 292.5 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
15 8 13 225 19 -15.5 0.234 -9.000 -9.000 -999. 273. 74.8 0.0360 0.59 0.51 3.46 114.0 10.0 291.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 8 13 225 20 -18.8 0.193 -9.000 -9.000 -999. 204. 41.0 0.0340 0.59 1.00 2.93 75.0 10.0 290.9 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 8 13 225 21 -6.6 0.107 -9.000 -9.000 -999. 87. 16.8 0.0370 0.59 1.00 1.67 22.0 10.0 290.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 8 13 225 22 -6.5 0.107 -9.000 -9.000 -999. 84. 17.0 0.0440 0.59 1.00 1.62 341.0 10.0 289.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 8 13 225 23 -7.4 0.114 -9.000 -9.000 -999. 92. 17.9 0.0380 0.59 1.00 1.76 324.0 10.0 288.8 2.0 0

0.00 86. 1011. 0 ADJ-A1 NoSubs
15 8 13 225 24 -7.5 0.115 -9.000 -9.000 -999. 93. 18.0 0.0380 0.59 1.00 1.77 321.0 10.0 288.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 8 14 226 1 -8.1 0.119 -9.000 -9.000 -999. 99. 18.9 0.0440 0.59 1.00 1.79 331.0 10.0 287.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
15 8 14 226 2 -8.4 0.121 -9.000 -9.000 -999. 101. 19.0 0.0380 0.59 1.00 1.86 312.0 10.0 287.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 8 14 226 3 -11.3 0.141 -9.000 -9.000 -999. 128. 22.5 0.0380 0.59 1.00 2.15 308.0 10.0 287.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
15 8 14 226 4 -9.2 0.126 -9.000 -9.000 -999. 108. 19.9 0.0380 0.59 1.00 1.94 319.0 10.0 286.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
15 8 14 226 5 -14.5 0.161 -9.000 -9.000 -999. 155. 28.4 0.0380 0.59 1.00 2.42 312.0 10.0 286.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
15 8 14 226 6 -11.1 0.140 -9.000 -9.000 -999. 126. 22.3 0.0380 0.59 0.72 2.13 310.0 10.0 286.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
15 8 14 226 7 10.0 0.124 0.466 0.007 366. 105. -17.2 0.0440 0.59 0.34 1.42 346.0 10.0 289.2 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
15 8 14 226 8 62.7 0.121 0.977 0.011 538. 101. -2.5 0.0360 0.59 0.22 1.14 100.0 10.0 292.5 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
15 8 14 226 9 110.4 0.166 1.235 0.013 616. 162. -3.7 0.0280 0.59 0.19 1.76 185.0 10.0 294.2 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
15 8 14 226 10 149.4 0.241 1.410 0.013 679. 284. -8.5 0.0420 0.59 0.18 2.59 172.0 10.0 296.4 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
15 8 14 226 11 177.0 0.295 1.602 0.014 840. 384. -13.0 0.0280 0.59 0.17 3.61 206.0 10.0 297.5 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
15 8 14 226 12 192.6 0.356 1.716 0.014 947. 511. -21.2 0.0450 0.59 0.17 4.14 213.0 10.0 299.2 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
15 8 14 226 13 195.3 0.370 1.758 0.014 1004. 540. -23.4 0.0450 0.59 0.17 4.34 214.0 10.0 299.9 2.0 0
0.00 46. 1011. 0 ADJ-A1 NoSubs
15 8 14 226 14 185.8 0.310 1.745 0.013 1033. 415. -14.4 0.0280 0.59 0.17 3.83 199.0 10.0 300.4 2.0 0
0.00 44. 1011. 0 ADJ-A1 NoSubs
15 8 14 226 15 163.9 0.275 1.688 0.013 1058. 347. -11.4 0.0420 0.59 0.17 3.05 158.0 10.0 301.4 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
15 8 14 226 16 130.3 0.301 1.573 0.012 1077. 397. -18.9 0.0390 0.59 0.18 3.57 140.0 10.0 302.0 2.0 0
0.00 39. 1009. 0 ADJ-A1 NoSubs
15 8 14 226 17 85.9 0.284 1.374 0.012 1089. 364. -24.0 0.0390 0.59 0.20 3.44 135.0 10.0 300.9 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
15 8 14 226 18 33.8 0.302 1.008 0.012 1091. 398. -73.2 0.0390 0.59 0.28 3.92 129.0 10.0 298.1 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
15 8 14 226 19 -16.5 0.252 -9.000 -9.000 -999. 305. 87.6 0.0390 0.59 0.52 3.66 138.0 10.0 295.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
15 8 14 226 20 -24.9 0.259 -9.000 -9.000 -999. 316. 73.6 0.0390 0.59 1.00 3.78 136.0 10.0 293.1 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
15 8 14 226 21 -14.2 0.160 -9.000 -9.000 -999. 158. 28.3 0.0420 0.59 1.00 2.37 164.0 10.0 291.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
15 8 14 226 22 -4.8 0.091 -9.000 -9.000 -999. 68. 14.5 0.0450 0.59 1.00 1.38 211.0 10.0 290.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 8 14 226 23 -3.5 0.079 -9.000 -9.000 -999. 53. 12.6 0.0380 0.59 1.00 1.21 312.0 10.0 290.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 8 14 226 24 -5.7 0.100 -9.000 -9.000 -999. 75. 15.5 0.0380 0.59 1.00 1.55 315.0 10.0 289.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 8 15 227 1 -6.8 0.109 -9.000 -9.000 -999. 86. 17.1 0.0380 0.59 1.00 1.69 318.0 10.0 288.8 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 2 -8.3 0.121 -9.000 -9.000 -999. 101. 19.0 0.0380 0.59 1.00 1.86 303.0 10.0 288.1 2.0 0

0.00 83. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 3 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.59 1.00 1.25 314.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 4 -11.1 0.140 -9.000 -9.000 -999. 126. 22.3 0.0380 0.59 1.00 2.13 306.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 5 -5.7 0.100 -9.000 -9.000 -999. 76. 15.5 0.0380 0.59 1.00 1.55 316.0 10.0 287.5 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 6 -4.4 0.087 -9.000 -9.000 -999. 62. 13.6 0.0380 0.59 0.73 1.35 314.0 10.0 287.5 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 7 9.9 0.095 0.274 0.021 75. 70. -7.7 0.0380 0.59 0.34 1.03 305.0 10.0 290.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 8 62.7 0.125 0.684 0.018 183. 106. -2.8 0.0390 0.59 0.22 1.18 142.0 10.0 294.2 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 9 111.2 0.133 0.928 0.015 258. 117. -1.9 0.0390 0.59 0.19 1.18 127.0 10.0 297.5 2.0 0
0.00 42. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 10 151.5 0.158 1.174 0.011 384. 151. -2.3 0.0360 0.59 0.18 1.47 101.0 10.0 302.0 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
15 8 15 227 11 181.9 0.176 1.306 0.008 441. 177. -2.7 0.0390 0.59 0.17 1.64 123.0 10.0 307.5 2.0 0
0.00 20. 1008. 0 ADJ-A1 NoSubs
15 8 15 227 12 198.3 0.244 1.429 0.006 529. 290. -6.6 0.0390 0.59 0.17 2.59 120.0 10.0 309.9 2.0 0
0.00 20. 1007. 0 ADJ-A1 NoSubs
15 8 15 227 13 200.7 0.361 1.613 0.006 752. 521. -21.0 0.0450 0.59 0.17 4.19 233.0 10.0 309.9 2.0 0
0.00 18. 1007. 0 ADJ-A1 NoSubs
15 8 15 227 14 191.6 0.387 1.722 0.006 958. 577. -27.1 0.0360 0.59 0.17 4.80 240.0 10.0 310.9 2.0 0
0.00 16. 1006. 0 ADJ-A1 NoSubs
15 8 15 227 15 169.1 0.415 1.695 0.005 1034. 640. -37.8 0.0360 0.59 0.17 5.27 249.0 10.0 310.9 2.0 0
0.00 16. 1006. 0 ADJ-A1 NoSubs
15 8 15 227 16 135.1 0.409 1.628 0.005 1146. 628. -45.4 0.0360 0.59 0.18 5.26 248.0 10.0 310.9 2.0 0
0.00 16. 1005. 0 ADJ-A1 NoSubs
15 8 15 227 17 86.6 0.325 1.420 0.006 1188. 449. -35.6 0.0280 0.59 0.20 4.32 180.0 10.0 303.8 2.0 0
0.00 36. 1005. 0 ADJ-A1 NoSubs
15 8 15 227 18 33.6 0.299 1.039 0.007 1196. 394. -71.6 0.0420 0.59 0.28 3.83 157.0 10.0 299.9 2.0 0
0.00 44. 1006. 0 ADJ-A1 NoSubs
15 8 15 227 19 -16.0 0.238 -9.000 -9.000 -999. 280. 75.8 0.0420 0.59 0.52 3.42 171.0 10.0 295.9 2.0 0
0.00 58. 1006. 0 ADJ-A1 NoSubs
15 8 15 227 20 -9.8 0.131 -9.000 -9.000 -999. 120. 20.5 0.0280 0.59 1.00 2.11 201.0 10.0 293.8 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
15 8 15 227 21 -8.0 0.118 -9.000 -9.000 -999. 97. 18.3 0.0280 0.59 1.00 1.91 180.0 10.0 293.8 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
15 8 15 227 22 -3.3 0.076 -9.000 -9.000 -999. 51. 12.3 0.0380 0.59 1.00 1.16 300.0 10.0 293.8 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
15 8 15 227 23 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0320 0.59 1.00 1.09 296.0 10.0 292.5 2.0 0
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15 8 15 227 24 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0380 0.59 1.00 1.30 317.0 10.0 292.5 2.0 0
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0 0.00 83. 1007. 0 ADJ-SFC NoSubs
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0.00 62. 1007. 0 ADJ-SFC NoSubs
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15 8 16 228 10 151.0 0.223 1.074 0.015 294. 252. -6.6 0.0390 0.59 0.18 2.36 135.0 10.0 302.0 2.0 0
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15 8 16 228 13 196.3 0.320 1.506 0.006 625. 437. -15.0 0.0280 0.59 0.17 3.98 199.0 10.0 303.8 2.0 0
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15 8 16 228 14 186.0 0.363 1.535 0.005 698. 525. -23.1 0.0280 0.59 0.17 4.68 189.0 10.0 303.1 2.0 0
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15 8 16 228 15 162.9 0.358 1.671 0.006 1027. 515. -25.3 0.0280 0.59 0.17 4.65 189.0 10.0 302.0 2.0 0
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15 8 16 228 16 127.7 0.335 1.574 0.005 1096. 466. -26.4 0.0280 0.59 0.18 4.36 185.0 10.0 299.9 2.0 0
0.00 46. 1005. 0 ADJ-A1 NoSubs
15 8 16 228 17 82.4 0.352 1.372 0.005 1126. 500. -47.3 0.0280 0.59 0.20 4.75 183.0 10.0 297.0 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
15 8 16 228 18 30.1 0.301 0.983 0.005 1131. 399. -81.6 0.0420 0.59 0.28 3.88 178.0 10.0 293.8 2.0 0
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15 8 16 228 19 -11.8 0.164 -9.000 -9.000 -999. 171. 33.2 0.0280 0.59 0.53 2.57 185.0 10.0 292.0 2.0 0
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15 8 16 228 22 -1.9 0.064 -9.000 -9.000 -999. 39. 12.5 0.0450 0.59 1.00 0.79 237.0 10.0 290.9 2.0 0
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15 8 17 229 6 -4.1 0.085 -9.000 -9.000 -999. 59. 13.4 0.0390 0.59 0.74 1.31 148.0 10.0 289.2 2.0 0
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15 8 17 229 7 0.7 0.092 0.068 0.026 16. 67. -96.5 0.0390 0.59 0.35 1.21 147.0 10.0 289.2 2.0 0
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15 8 17 229 8 13.8 0.102 0.351 0.027 112. 78. -6.9 0.0360 0.59 0.22 1.11 106.0 10.0 289.9 2.0 0

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15 8 17 229 10 149.9 0.250 0.907 0.018 179. 299. -9.3 0.0420 0.59 0.18 2.71 168.0 10.0 293.1 2.0 0
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15 8 17 229 11 174.9 0.263 1.145 0.017 309. 324. -9.4 0.0420 0.59 0.17 2.86 166.0 10.0 295.9 2.0 0
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15 8 17 229 12 190.1 0.332 1.282 0.014 398. 458. -17.2 0.0280 0.59 0.17 4.17 187.0 10.0 297.0 2.0 0
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15 8 17 229 13 192.0 0.376 1.414 0.013 529. 553. -24.8 0.0280 0.59 0.17 4.87 203.0 10.0 295.9 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
15 8 17 229 14 181.6 0.387 1.458 0.011 613. 578. -28.6 0.0450 0.59 0.17 4.61 218.0 10.0 294.9 2.0 0
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15 8 17 229 15 158.7 0.370 1.417 0.010 644. 541. -28.7 0.0450 0.59 0.17 4.41 218.0 10.0 294.2 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
15 8 17 229 16 124.5 0.343 1.323 0.008 668. 483. -29.0 0.0450 0.59 0.18 4.09 220.0 10.0 294.2 2.0 0
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15 8 17 229 18 6.1 0.271 0.488 0.007 681. 345. -293.9 0.0450 0.59 0.28 3.59 229.0 10.0 290.9 2.0 0
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15 8 17 229 20 -12.8 0.152 -9.000 -9.000 -999. 143. 25.5 0.0450 0.59 1.00 2.23 231.0 10.0 289.9 2.0 0
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15 8 17 229 21 -6.4 0.106 -9.000 -9.000 -999. 83. 16.9 0.0450 0.59 1.00 1.60 235.0 10.0 289.9 2.0 0
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15 8 18 230 7 0.7 0.140 0.180 0.034 281. 125. -328.1 0.0440 0.59 0.35 1.86 338.0 10.0 289.9 2.0 0
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15 8 18 230 8 13.8 0.139 0.511 0.037 348. 124. -17.3 0.0440 0.59 0.23 1.59 340.0 10.0 290.4 2.0 0
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15 8 18 230 9 25.9 0.201 0.685 0.038 447. 217. -28.4 0.0450 0.59 0.19 2.40 231.0 10.0 290.9 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
15 8 18 230 10 146.1 0.300 1.276 0.037 512. 393. -16.5 0.0450 0.59 0.18 3.40 220.0 10.0 293.1 2.0 0
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15 8 18 230 13 191.2 0.387 1.437 0.021 559. 579. -27.4 0.0450 0.59 0.17 4.60 216.0 10.0 295.4 2.0 0
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15 8 18 230 14 181.4 0.427 1.418 0.014 566. 668. -38.5 0.0450 0.59 0.17 5.19 226.0 10.0 295.9 2.0 0
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15 8 18 230 15 158.4 0.427 1.360 0.014 571. 669. -44.1 0.0450 0.59 0.17 5.24 228.0 10.0 295.4 2.0 0
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15 8 18 230 16 123.9 0.420 1.257 0.014 576. 654. -53.8 0.0450 0.59 0.18 5.22 233.0 10.0 294.9 2.0 0
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15 8 18 230 17 79.3 0.403 1.085 0.016 578. 614. -74.0 0.0450 0.59 0.21 5.09 238.0 10.0 293.8 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
15 8 18 230 18 32.2 0.370 0.804 0.021 579. 541. -141.0 0.0450 0.59 0.29 4.80 227.0 10.0 292.0 2.0 0
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15 8 19 231 10 146.0 0.215 1.429 0.037 719. 239. -6.1 0.0280 0.59 0.18 2.43 198.0 10.0 294.2 2.0 0
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15 8 19 231 15 157.9 0.416 1.489 0.027 752. 645. -41.1 0.0450 0.59 0.17 5.09 235.0 10.0 295.9 2.0 0
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15 8 19 231 17 78.5 0.431 1.183 0.025 757. 680. -91.6 0.0450 0.59 0.21 5.50 234.0 10.0 294.2 2.0 0
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0.00 69. 1008. 10 ADJ-A1 NoSubs
15 8 20 232 9 26.1 0.218 0.777 0.036 647. 244. -35.7 0.0450 0.59 0.19 2.64 232.0 10.0 292.5 2.0 0
0.00 67. 1008. 10 ADJ-A1 NoSubs
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0.00 64. 1008. 10 ADJ-A1 NoSubs
15 8 20 232 11 43.3 0.232 0.995 0.037 818. 268. -25.8 0.0420 0.59 0.17 2.78 162.0 10.0 294.9 2.0 0
0.00 58. 1008. 10 ADJ-A1 NoSubs
15 8 20 232 12 188.1 0.339 1.639 0.035 842. 474. -18.6 0.0420 0.59 0.17 3.95 172.0 10.0 295.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
15 8 20 232 13 190.3 0.358 1.648 0.034 847. 514. -21.6 0.0280 0.59 0.17 4.59 202.0 10.0 295.9 2.0 0
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15 8 20 232 14 180.0 0.411 1.621 0.032 851. 633. -34.7 0.0450 0.59 0.17 4.97 215.0 10.0 295.9 2.0 0
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15 8 20 232 15 156.8 0.448 1.550 0.030 855. 720. -51.7 0.0450 0.59 0.17 5.56 217.0 10.0 294.9 2.0 0
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15 8 20 232 16 122.0 0.428 1.428 0.029 858. 673. -57.7 0.0450 0.59 0.18 5.34 221.0 10.0 294.2 2.0 0
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15 8 20 232 17 77.4 0.416 1.228 0.028 860. 643. -83.2 0.0450 0.59 0.21 5.28 227.0 10.0 293.8 2.0 0

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15 8 20 232 18 25.3 0.357 0.846 0.028 860. 514. -161.2 0.0450 0.59 0.29 4.65 216.0 10.0 291.4 2.0 0
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15 8 20 232 19 -21.1 0.249 -9.000 -9.000 -999. 305. 68.2 0.0450 0.59 0.57 3.54 219.0 10.0 290.4 2.0 0
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15 8 20 232 20 -18.7 0.193 -9.000 -9.000 -999. 204. 40.8 0.0450 0.59 1.00 2.78 213.0 10.0 290.4 2.0 0
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15 8 20 232 21 -13.4 0.156 -9.000 -9.000 -999. 148. 26.7 0.0450 0.59 1.00 2.28 226.0 10.0 290.4 2.0 0
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15 8 20 232 22 -4.4 0.087 -9.000 -9.000 -999. 63. 13.6 0.0360 0.59 1.00 1.37 247.0 10.0 290.4 2.0 0
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15 8 20 232 23 -2.5 0.068 -9.000 -9.000 -999. 43. 11.3 0.0280 0.59 1.00 1.04 206.0 10.0 290.9 2.0 0
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15 8 20 232 24 -9.1 0.127 -9.000 -9.000 -999. 108. 20.0 0.0360 0.59 1.00 1.96 243.0 10.0 290.4 2.0 0
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15 8 21 233 1 -8.2 0.121 -9.000 -9.000 -999. 101. 19.4 0.0450 0.59 1.00 1.81 231.0 10.0 290.4 2.0 0
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15 8 21 233 2 -6.8 0.110 -9.000 -9.000 -999. 87. 17.5 0.0450 0.59 1.00 1.65 235.0 10.0 290.4 2.0 0
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15 8 21 233 3 -7.6 0.116 -9.000 -9.000 -999. 95. 18.6 0.0450 0.59 1.00 1.74 235.0 10.0 290.4 2.0 0
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15 8 21 233 4 -10.6 0.138 -9.000 -9.000 -999. 123. 22.4 0.0450 0.59 1.00 2.04 232.0 10.0 290.4 2.0 0
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15 8 21 233 5 -14.5 0.161 -9.000 -9.000 -999. 155. 28.6 0.0360 0.59 1.00 2.45 247.0 10.0 289.9 2.0 0
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15 8 21 233 6 -8.5 0.123 -9.000 -9.000 -999. 104. 19.8 0.0450 0.59 1.00 1.84 229.0 10.0 289.9 2.0 0
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15 8 21 233 7 0.4 0.114 0.126 0.005 158. 92. -295.1 0.0360 0.59 0.36 1.57 240.0 10.0 290.4 2.0 0
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15 8 21 233 8 13.4 0.166 0.515 0.029 366. 162. -30.7 0.0450 0.59 0.23 1.99 229.0 10.0 290.4 2.0 0
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15 8 21 233 9 25.4 0.153 0.671 0.030 426. 144. -12.6 0.0450 0.59 0.19 1.69 219.0 10.0 290.9 2.0 0
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15 8 21 233 10 35.0 0.202 0.785 0.032 497. 218. -21.2 0.0280 0.59 0.18 2.59 201.0 10.0 290.9 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
15 8 21 233 11 42.2 0.270 0.875 0.033 571. 337. -42.1 0.0280 0.59 0.17 3.63 196.0 10.0 292.0 2.0 0
0.00 69. 1008. 10 ADJ-A1 NoSubs
15 8 21 233 12 46.0 0.244 0.937 0.034 643. 290. -28.5 0.0280 0.59 0.17 3.20 201.0 10.0 292.5 2.0 0
0.00 67. 1008. 10 ADJ-A1 NoSubs
15 8 21 233 13 47.2 0.297 0.960 0.034 674. 389. -50.1 0.0280 0.59 0.17 4.03 207.0 10.0 294.2 2.0 0
0.00 63. 1007. 10 ADJ-A1 NoSubs
15 8 21 233 14 44.4 0.372 0.945 0.034 682. 545. -104.4 0.0280 0.59 0.17 5.22 198.0 10.0 293.8 2.0 0
0.00 65. 1007. 10 ADJ-A1 NoSubs
15 8 21 233 15 38.5 0.399 0.904 0.033 689. 605. -148.7 0.0450 0.59 0.17 5.19 221.0 10.0 293.1 2.0 0
0.00 67. 1007. 10 ADJ-A1 NoSubs
15 8 21 233 16 100.9 0.412 1.256 0.032 705. 635. -62.2 0.0450 0.59 0.18 5.16 225.0 10.0 293.1 2.0 0
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15 8 21 233 17 18.3 0.377 0.711 0.032 705. 556. -262.5 0.0450 0.59 0.21 4.97 225.0 10.0 292.0 2.0 0
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15 8 21 233 18 5.1 0.332 0.464 0.032 706. 460. -646.6 0.0450 0.59 0.30 4.44 215.0 10.0 290.9 2.0 0
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15 8 21 233 19 -20.9 0.243 -9.000 -9.000 -999. 291. 64.9 0.0450 0.59 0.58 3.46 211.0 10.0 290.4 2.0 0
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15 8 21 233 20 -16.2 0.169 -9.000 -9.000 -999. 168. 31.4 0.0280 0.59 1.00 2.67 185.0 10.0 289.9 2.0 0

0.00 80. 1008. 10 ADJ-A1 NoSubs
15 8 21 233 21 -19.4 0.199 -9.000 -9.000 -999. 214. 43.8 0.0390 0.59 1.00 2.95 145.0 10.0 289.9 2.0 0
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15 8 21 233 22 -19.8 0.204 -9.000 -9.000 -999. 220. 45.6 0.0360 0.59 1.00 3.05 106.0 10.0 290.4 2.0 0
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15 8 21 233 23 -15.7 0.168 -9.000 -9.000 -999. 165. 30.9 0.0360 0.59 1.00 2.54 106.0 10.0 289.9 2.0 0
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15 8 21 233 24 -15.5 0.167 -9.000 -9.000 -999. 163. 30.5 0.0340 0.59 1.00 2.55 75.0 10.0 289.9 2.0 0
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15 8 22 234 1 -9.4 0.129 -9.000 -9.000 -999. 111. 20.4 0.0370 0.59 1.00 1.98 35.0 10.0 289.9 2.0 0
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15 8 22 234 2 -6.7 0.109 -9.000 -9.000 -999. 86. 17.2 0.0440 0.59 1.00 1.64 341.0 10.0 289.9 2.0 0
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15 8 22 234 3 -5.6 0.099 -9.000 -9.000 -999. 74. 15.3 0.0360 0.59 1.00 1.55 266.0 10.0 289.2 2.0 0
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15 8 22 234 4 -8.9 0.126 -9.000 -9.000 -999. 108. 20.3 0.0450 0.59 1.00 1.88 238.0 10.0 289.2 2.0 0
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15 8 22 234 5 -2.5 0.069 -9.000 -9.000 -999. 44. 11.7 0.0360 0.59 1.00 0.99 260.0 10.0 289.2 2.0 0
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15 8 22 234 6 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0380 0.59 1.00 0.87 309.0 10.0 289.2 2.0 0
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15 8 22 234 7 0.1 0.092 0.116 0.018 380. 67. -469.3 0.0440 0.59 0.36 1.23 348.0 10.0 289.9 2.0 0
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15 8 22 234 8 13.2 0.113 0.535 0.021 417. 92. -9.9 0.0440 0.59 0.23 1.23 339.0 10.0 290.4 2.0 0
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15 8 22 234 9 25.3 0.104 0.696 0.027 478. 80. -4.0 0.0320 0.59 0.19 1.08 272.0 10.0 290.9 2.0 0
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15 8 22 234 10 35.2 0.170 0.815 0.029 553. 169. -12.6 0.0280 0.59 0.18 2.08 207.0 10.0 292.0 2.0 0
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15 8 22 234 11 42.4 0.251 0.907 0.032 632. 301. -33.5 0.0280 0.59 0.17 3.32 202.0 10.0 293.1 2.0 0
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15 8 22 234 12 151.9 0.311 1.452 0.031 726. 417. -17.9 0.0450 0.59 0.17 3.56 238.0 10.0 294.2 2.0 0
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15 8 22 234 13 188.8 0.438 1.594 0.029 772. 695. -40.0 0.0450 0.59 0.17 5.34 229.0 10.0 295.4 2.0 0
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15 8 22 234 14 145.3 0.425 1.469 0.027 786. 665. -47.5 0.0450 0.59 0.17 5.24 213.0 10.0 293.8 2.0 0
0.00 67. 1009. 7 ADJ-A1 NoSubs
15 8 22 234 15 38.5 0.359 0.945 0.027 790. 519. -107.9 0.0450 0.59 0.17 4.61 216.0 10.0 293.8 2.0 0
0.00 67. 1008. 10 ADJ-A1 NoSubs
15 8 22 234 16 118.8 0.421 1.383 0.026 801. 655. -56.4 0.0450 0.59 0.18 5.24 222.0 10.0 293.8 2.0 0
0.00 65. 1008. 5 ADJ-A1 NoSubs
15 8 22 234 17 79.1 0.368 1.211 0.025 809. 537. -56.5 0.0450 0.59 0.21 4.58 219.0 10.0 292.5 2.0 0
0.00 70. 1008. 3 ADJ-A1 NoSubs
15 8 22 234 18 4.8 0.284 0.477 0.025 809. 367. -427.7 0.0450 0.59 0.30 3.78 224.0 10.0 290.9 2.0 0
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15 8 22 234 19 -19.0 0.218 -9.000 -9.000 -999. 246. 52.3 0.0450 0.59 0.59 3.12 223.0 10.0 290.9 2.0 0
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15 8 22 234 20 -17.0 0.175 -9.000 -9.000 -999. 176. 33.7 0.0280 0.59 1.00 2.76 209.0 10.0 290.4 2.0 0
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15 8 22 234 21 -15.4 0.165 -9.000 -9.000 -999. 161. 29.9 0.0280 0.59 1.00 2.61 209.0 10.0 290.4 2.0 0
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15 8 22 234 22 -4.6 0.090 -9.000 -9.000 -999. 66. 14.2 0.0420 0.59 1.00 1.37 173.0 10.0 290.4 2.0 0
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15 8 22 234 23 -13.2 0.152 -9.000 -9.000 -999. 142. 25.4 0.0280 0.59 1.00 2.42 188.0 10.0 289.9 2.0 0

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15 8 23 235 1 -4.3 0.086 -9.000 -9.000 -999. 61. 13.4 0.0360 0.59 1.00 1.35 257.0 10.0 289.9 2.0 0
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15 8 23 235 2 -5.5 0.097 -9.000 -9.000 -999. 72. 14.7 0.0280 0.59 1.00 1.59 204.0 10.0 289.9 2.0 0
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15 8 23 235 3 -4.7 0.090 -9.000 -9.000 -999. 65. 14.1 0.0380 0.59 1.00 1.40 305.0 10.0 289.9 2.0 0
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15 8 23 235 4 -2.7 0.071 -9.000 -9.000 -999. 46. 11.9 0.0380 0.59 1.00 1.04 328.0 10.0 289.9 2.0 0
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15 8 23 235 5 -6.7 0.108 -9.000 -9.000 -999. 85. 16.8 0.0360 0.59 1.00 1.69 258.0 10.0 289.9 2.0 0
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15 8 23 235 6 -5.9 0.100 -9.000 -9.000 -999. 76. 15.2 0.0280 0.59 1.00 1.64 198.0 10.0 289.9 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
15 8 23 235 7 -0.0 0.125 -9.000 -9.000 -999. 106. 8888.0 0.0420 0.59 0.37 1.71 172.0 10.0 289.9 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
15 8 23 235 8 13.1 0.182 0.558 0.030 479. 187. -41.9 0.0280 0.59 0.23 2.45 199.0 10.0 290.4 2.0 0
0.00 75. 1011. 10 ADJ-A1 NoSubs
15 8 23 235 9 25.3 0.134 0.748 0.031 596. 118. -8.5 0.0280 0.59 0.19 1.57 204.0 10.0 291.4 2.0 0
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15 8 23 235 10 143.7 0.171 1.426 0.031 728. 170. -3.1 0.0280 0.59 0.18 1.77 208.0 10.0 293.8 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
15 8 23 235 11 171.2 0.278 1.525 0.029 748. 352. -11.3 0.0420 0.59 0.17 3.08 170.0 10.0 294.9 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
15 8 23 235 12 186.6 0.342 1.577 0.027 760. 479. -19.3 0.0280 0.59 0.17 4.34 201.0 10.0 296.4 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
15 8 23 235 13 188.4 0.429 1.590 0.025 770. 673. -37.7 0.0450 0.59 0.17 5.21 225.0 10.0 295.9 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
15 8 23 235 14 177.9 0.440 1.566 0.024 778. 699. -43.0 0.0450 0.59 0.17 5.39 229.0 10.0 295.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
15 8 23 235 15 154.8 0.433 1.499 0.022 785. 684. -47.2 0.0450 0.59 0.17 5.34 239.0 10.0 295.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
15 8 23 235 16 119.6 0.426 1.378 0.021 789. 667. -58.1 0.0450 0.59 0.18 5.31 233.0 10.0 294.9 2.0 0
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15 8 23 235 17 74.5 0.357 1.179 0.020 792. 515. -55.0 0.0450 0.59 0.21 4.44 216.0 10.0 294.2 2.0 0
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15 8 23 235 18 22.5 0.302 0.791 0.020 792. 399. -110.0 0.0450 0.59 0.30 3.88 210.0 10.0 292.5 2.0 0
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15 8 24 236 8 12.6 0.134 0.545 0.032 464. 118. -17.2 0.0320 0.59 0.23 1.64 281.0 10.0 289.2 2.0 0
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15 8 24 236 9 104.0 0.163 1.261 0.034 697. 158. -3.7 0.0420 0.59 0.19 1.57 167.0 10.0 292.0 2.0 0
0.00 72. 1012. 5 ADJ-A1 NoSubs
15 8 24 236 10 143.7 0.219 1.412 0.032 708. 246. -6.6 0.0390 0.59 0.18 2.32 144.0 10.0 295.4 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
15 8 24 236 11 171.3 0.283 1.503 0.030 716. 361. -11.9 0.0280 0.59 0.17 3.44 181.0 10.0 296.4 2.0 0
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15 8 24 236 12 186.4 0.322 1.550 0.028 721. 438. -16.1 0.0280 0.59 0.17 4.02 182.0 10.0 297.5 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
15 8 24 236 13 189.0 0.315 1.561 0.025 726. 424. -14.9 0.0280 0.59 0.17 3.91 194.0 10.0 298.8 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
15 8 24 236 14 178.2 0.302 1.533 0.023 730. 399. -14.0 0.0280 0.59 0.17 3.73 193.0 10.0 298.1 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
15 8 24 236 15 155.4 0.318 1.468 0.021 734. 431. -18.7 0.0420 0.59 0.17 3.71 164.0 10.0 299.2 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
15 8 24 236 16 120.0 0.316 1.349 0.020 737. 426. -23.6 0.0420 0.59 0.18 3.76 150.0 10.0 298.1 2.0 0
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15 8 24 236 17 73.9 0.311 1.149 0.019 738. 416. -36.5 0.0390 0.59 0.21 3.88 125.0 10.0 295.4 2.0 0
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15 8 24 236 18 21.6 0.321 0.762 0.019 738. 436. -137.9 0.0360 0.59 0.30 4.34 119.0 10.0 293.1 2.0 0
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15 8 24 236 19 -25.3 0.286 -9.000 -9.000 -999. 368. 90.1 0.0360 0.59 0.61 4.22 114.0 10.0 291.4 2.0 0
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15 8 25 237 1 -8.8 0.124 -9.000 -9.000 -999. 105. 19.6 0.0380 0.59 1.00 1.91 302.0 10.0 288.8 2.0 0
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0 0.00 83. 1010. 0 ADJ-SFC NoSubs
15 8 25 237 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 83. 1009. 0 ADJ-SFC NoSubs
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0 0.00 93. 1010. 10 ADJ-SFC NoSubs
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0 0.00 93. 1010. 10 ADJ-SFC NoSubs
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0.00 93. 1011. 10 ADJ-SFC NoSubs
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0.00 89. 1011. 10 ADJ-SFC NoSubs
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0.00 77. 1010. 10 ADJ-SFC NoSubs
15 8 25 237 10 143.0 0.178 1.271 0.031 518. 181. -3.6 0.0373 0.59 0.18 1.76 999.0 10.0 294.9 2.0 0
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15 8 25 237 11 171.0 0.260 1.357 0.028 527. 319. -9.3 0.0280 0.59 0.17 3.08 195.0 10.0 297.0 2.0 0
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15 8 25 237 12 185.8 0.315 1.404 0.026 537. 425. -15.2 0.0280 0.59 0.17 3.92 188.0 10.0 297.5 2.0 0
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15 8 25 237 13 188.3 0.326 1.416 0.023 543. 447. -16.6 0.0280 0.59 0.17 4.09 187.0 10.0 298.8 2.0 0
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15 8 25 237 14 177.9 0.275 1.394 0.020 549. 347. -10.5 0.0280 0.59 0.17 3.30 189.0 10.0 299.2 2.0 0
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15 8 25 237 15 154.4 0.320 1.334 0.018 553. 435. -19.2 0.0280 0.59 0.17 4.07 183.0 10.0 298.8 2.0 0
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15 8 25 237 16 118.4 0.280 1.223 0.016 557. 356. -16.7 0.0280 0.59 0.18 3.51 188.0 10.0 296.4 2.0 0
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15 8 25 237 17 72.2 0.288 1.041 0.015 562. 370. -29.7 0.0390 0.59 0.21 3.54 145.0 10.0 293.8 2.0 0
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15 8 25 237 18 19.9 0.280 0.678 0.015 563. 355. -99.0 0.0420 0.59 0.31 3.63 156.0 10.0 291.4 2.0 0
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15 8 25 237 19 -18.5 0.210 -9.000 -9.000 -999. 233. 48.5 0.0420 0.59 0.62 3.05 163.0 10.0 289.9 2.0 0
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15 8 25 237 20 -21.9 0.224 -9.000 -9.000 -999. 255. 55.4 0.0390 0.59 1.00 3.30 134.0 10.0 289.9 2.0 0
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15 8 25 237 22 -14.6 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.59 1.00 2.47 89.0 10.0 289.9 2.0 0
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15 8 25 237 23 -8.8 0.124 -9.000 -9.000 -999. 105. 19.4 0.0340 0.59 1.00 1.94 81.0 10.0 289.9 2.0 0
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15 8 26 238 1 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.59 1.00 1.33 33.0 10.0 289.2 2.0 0
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15 8 26 238 2 -3.5 0.078 -9.000 -9.000 -999. 52. 12.3 0.0340 0.59 1.00 1.21 73.0 10.0 288.1 2.0 0
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15 8 26 238 3 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.59 1.00 1.08 7.0 10.0 288.1 2.0 0
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15 8 26 238 4 -3.9 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.59 1.00 1.28 325.0 10.0 288.8 2.0 0
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15 8 26 238 6 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0320 0.59 1.00 1.14 278.0 10.0 287.5 2.0 0
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15 8 26 238 7 -1.0 0.065 -9.000 -9.000 -999. 40. 24.7 0.0360 0.59 0.37 0.99 259.0 10.0 287.5 2.0 0
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15 8 26 238 8 59.1 0.125 0.875 0.032 409. 106. -2.9 0.0420 0.59 0.23 1.16 164.0 10.0 290.4 2.0 0

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15 8 26 238 9 103.4 0.208 1.073 0.030 431. 227. -7.8 0.0420 0.59 0.19 2.21 163.0 10.0 293.1 2.0 0
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15 8 26 238 10 142.2 0.253 1.206 0.027 445. 306. -10.3 0.0420 0.59 0.18 2.78 169.0 10.0 294.2 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
15 8 26 238 11 170.6 0.227 1.297 0.024 461. 259. -6.2 0.0390 0.59 0.17 2.38 149.0 10.0 297.5 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
15 8 26 238 12 186.3 0.310 1.355 0.020 481. 414. -14.4 0.0420 0.59 0.17 3.52 168.0 10.0 299.9 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
15 8 26 238 13 188.9 0.300 1.382 0.017 504. 394. -12.9 0.0420 0.59 0.17 3.37 156.0 10.0 301.4 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
15 8 26 238 14 177.4 0.362 1.370 0.014 523. 523. -24.1 0.0420 0.59 0.17 4.32 175.0 10.0 299.9 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
15 8 26 238 15 153.7 0.339 1.324 0.012 544. 474. -22.7 0.0420 0.59 0.17 4.02 155.0 10.0 299.2 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
15 8 26 238 16 117.2 0.347 1.226 0.010 566. 490. -32.0 0.0390 0.59 0.18 4.29 141.0 10.0 295.9 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
15 8 26 238 17 71.8 0.312 1.050 0.010 580. 418. -37.9 0.0390 0.59 0.21 3.90 147.0 10.0 295.4 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
15 8 26 238 18 19.1 0.298 0.677 0.009 583. 390. -124.4 0.0420 0.59 0.31 3.90 153.0 10.0 292.5 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
15 8 26 238 19 -18.7 0.206 -9.000 -9.000 -999. 227. 46.5 0.0390 0.59 0.63 3.03 139.0 10.0 292.0 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
15 8 26 238 20 -21.7 0.224 -9.000 -9.000 -999. 254. 55.2 0.0360 0.59 1.00 3.34 113.0 10.0 292.0 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
15 8 26 238 21 -11.2 0.141 -9.000 -9.000 -999. 129. 22.4 0.0340 0.59 1.00 2.18 84.0 10.0 292.0 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
15 8 26 238 22 -4.2 0.086 -9.000 -9.000 -999. 61. 13.7 0.0440 0.59 1.00 1.30 336.0 10.0 291.4 2.0 0
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15 8 26 238 23 -7.9 0.118 -9.000 -9.000 -999. 97. 18.7 0.0380 0.59 1.00 1.82 319.0 10.0 290.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
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0.00 72. 1010. 0 ADJ-A1 NoSubs
15 8 27 239 1 -9.0 0.125 -9.000 -9.000 -999. 106. 19.6 0.0320 0.59 1.00 1.98 292.0 10.0 289.9 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
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0.00 69. 1010. 0 ADJ-A1 NoSubs
15 8 27 239 4 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0380 0.59 1.00 1.43 317.0 10.0 289.2 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
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0.00 65. 1012. 0 ADJ-A1 NoSubs
15 8 27 239 8 55.7 0.117 0.678 0.022 202. 96. -2.6 0.0420 0.59 0.23 1.06 172.0 10.0 294.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
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15 8 27 239 10 144.8 0.200 1.087 0.018 320. 215. -5.0 0.0390 0.59 0.18 2.04 123.0 10.0 301.4 2.0 0
0.00 30. 1011. 0 ADJ-A1 NoSubs
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15 8 27 239 12 188.3 0.300 1.310 0.010 431. 395. -13.0 0.0280 0.59 0.17 3.68 206.0 10.0 304.9 2.0 0
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15 8 27 239 13 190.4 0.306 1.478 0.008 611. 406. -13.5 0.0450 0.59 0.17 3.40 211.0 10.0 305.4 2.0 0
0.00 20. 1010. 0 ADJ-A1 NoSubs
15 8 27 239 14 179.0 0.324 1.508 0.007 691. 442. -17.1 0.0420 0.59 0.17 3.74 152.0 10.0 304.2 2.0 0
0.00 38. 1010. 0 ADJ-A1 NoSubs
15 8 27 239 15 153.2 0.332 1.469 0.006 747. 459. -21.5 0.0390 0.59 0.17 3.98 132.0 10.0 299.9 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
15 8 27 239 16 117.6 0.326 1.372 0.005 790. 447. -26.5 0.0390 0.59 0.18 3.98 137.0 10.0 299.2 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
15 8 27 239 17 71.8 0.296 1.189 0.005 841. 387. -32.4 0.0420 0.59 0.21 3.61 159.0 10.0 298.1 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
15 8 27 239 18 20.2 0.275 0.788 0.005 872. 346. -92.6 0.0390 0.59 0.32 3.61 142.0 10.0 298.1 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
15 8 27 239 19 -18.8 0.207 -9.000 -9.000 -999. 228. 47.2 0.0420 0.59 0.65 3.01 157.0 10.0 295.4 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
15 8 27 239 20 -3.7 0.080 -9.000 -9.000 -999. 68. 12.4 0.0280 0.59 1.00 1.30 197.0 10.0 295.4 2.0 0
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15 8 28 240 2 -4.0 0.084 -9.000 -9.000 -999. 59. 13.2 0.0380 0.59 1.00 1.30 322.0 10.0 290.9 2.0 0
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15 8 28 240 7 3.2 0.074 0.115 0.018 17. 48. -11.2 0.0380 0.59 0.38 0.84 312.0 10.0 294.2 2.0 0
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15 8 28 240 8 56.4 0.107 0.667 0.018 189. 84. -1.9 0.0370 0.59 0.23 0.96 43.0 10.0 298.1 2.0 0
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15 8 28 240 12 188.6 0.332 1.429 0.006 556. 458. -17.3 0.0450 0.59 0.17 3.78 214.0 10.0 306.4 2.0 0
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15 8 28 240 13 190.4 0.420 1.533 0.006 680. 652. -34.8 0.0450 0.59 0.17 5.07 216.0 10.0 306.4 2.0 0
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15 8 29 241 6 -2.4 0.068 -9.000 -9.000 -999. 43. 11.5 0.0320 0.59 1.00 0.99 271.0 10.0 290.4 2.0 0
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15 8 29 241 7 -0.9 0.092 -9.000 -9.000 -999. 67. 76.4 0.0370 0.59 0.38 1.35 11.0 10.0 290.9 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 8 29 241 8 12.9 0.120 0.379 0.006 153. 100. -12.1 0.0370 0.59 0.23 1.38 47.0 10.0 292.5 2.0 0
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15 8 29 241 9 25.8 0.126 0.569 0.009 257. 108. -7.0 0.0390 0.59 0.19 1.35 133.0 10.0 295.4 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
15 8 29 241 10 142.3 0.221 1.310 0.013 570. 250. -6.9 0.0420 0.59 0.18 2.32 158.0 10.0 298.8 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
15 8 29 241 11 169.8 0.308 1.450 0.012 647. 409. -15.4 0.0280 0.59 0.17 3.83 205.0 10.0 299.9 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
15 8 29 241 12 184.3 0.428 1.545 0.012 721. 672. -38.4 0.0450 0.59 0.17 5.21 225.0 10.0 299.9 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
15 8 29 241 13 185.7 0.505 1.593 0.013 786. 861. -62.6 0.0450 0.59 0.17 6.33 233.0 10.0 299.2 2.0 0
0.00 61. 1010. 0 ADJ-A1 NoSubs
15 8 29 241 14 174.8 0.505 1.641 0.013 913. 862. -66.5 0.0450 0.59 0.17 6.35 232.0 10.0 299.2 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
15 8 29 241 15 150.6 0.470 1.596 0.013 974. 776. -62.2 0.0450 0.59 0.17 5.89 237.0 10.0 298.1 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
15 8 29 241 16 114.6 0.387 1.471 0.012 1001. 583. -45.5 0.0450 0.59 0.18 4.76 214.0 10.0 297.0 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
15 8 29 241 17 69.8 0.239 1.257 0.012 1024. 296. -17.6 0.0280 0.59 0.22 3.01 200.0 10.0 298.8 2.0 0

0.00 53. 1009. 0 ADJ-A1 NoSubs
15 8 29 241 18 18.1 0.191 0.804 0.012 1030. 202. -34.7 0.0360 0.59 0.32 2.42 250.0 10.0 298.8 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
15 8 29 241 19 -22.9 0.246 -9.000 -9.000 -999. 293. 66.6 0.0340 0.59 0.67 3.69 61.0 10.0 294.9 2.0 0
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0.00 75. 1009. 0 ADJ-A1 NoSubs
15 8 29 241 21 -11.4 0.142 -9.000 -9.000 -999. 130. 22.6 0.0340 0.59 1.00 2.20 83.0 10.0 292.0 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 8 29 241 22 -3.5 0.079 -9.000 -9.000 -999. 55. 12.8 0.0440 0.59 1.00 1.18 346.0 10.0 291.4 2.0 0
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15 8 29 241 24 -7.4 0.114 -9.000 -9.000 -999. 92. 17.9 0.0380 0.59 1.00 1.76 314.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 8 30 242 1 -8.2 0.119 -9.000 -9.000 -999. 99. 18.8 0.0380 0.59 1.00 1.84 318.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 8 30 242 2 -10.6 0.136 -9.000 -9.000 -999. 121. 21.7 0.0380 0.59 1.00 2.08 308.0 10.0 288.1 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 8 30 242 3 -9.1 0.126 -9.000 -9.000 -999. 108. 20.0 0.0380 0.59 1.00 1.94 310.0 10.0 288.1 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 8 30 242 4 -11.1 0.140 -9.000 -9.000 -999. 126. 22.3 0.0380 0.59 1.00 2.13 311.0 10.0 287.5 2.0 0
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15 8 30 242 5 -6.1 0.103 -9.000 -9.000 -999. 79. 16.0 0.0380 0.59 1.00 1.60 315.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
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0.00 83. 1011. 0 ADJ-A1 NoSubs
15 8 30 242 7 0.4 0.106 0.039 0.005 5. 83. -262.0 0.0380 0.59 0.39 1.45 329.0 10.0 289.2 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
15 8 30 242 8 52.8 0.108 0.910 0.008 515. 86. -2.2 0.0370 0.59 0.24 0.99 55.0 10.0 292.0 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
15 8 30 242 9 101.6 0.227 1.160 0.007 554. 259. -10.3 0.0420 0.59 0.19 2.49 155.0 10.0 294.9 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
15 8 30 242 10 140.5 0.261 1.330 0.006 604. 321. -11.5 0.0420 0.59 0.18 2.90 175.0 10.0 295.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
15 8 30 242 11 167.9 0.312 1.546 0.007 795. 419. -16.4 0.0280 0.59 0.17 3.91 196.0 10.0 297.0 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
15 8 30 242 12 182.9 0.314 1.684 0.010 943. 423. -15.3 0.0280 0.59 0.17 3.91 193.0 10.0 298.1 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
15 8 30 242 13 185.0 0.319 1.765 0.012 1073. 432. -15.8 0.0420 0.59 0.17 3.66 176.0 10.0 299.2 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
15 8 30 242 14 174.5 0.253 1.789 0.014 1184. 307. -8.4 0.0390 0.59 0.17 2.76 140.0 10.0 300.4 2.0 0
0.00 38. 1010. 0 ADJ-A1 NoSubs
15 8 30 242 15 150.7 0.281 1.741 0.017 1262. 358. -13.3 0.0420 0.59 0.18 3.17 178.0 10.0 300.4 2.0 0
0.00 37. 1009. 0 ADJ-A1 NoSubs
15 8 30 242 16 115.7 0.269 1.604 0.017 1285. 336. -15.2 0.0420 0.59 0.19 3.08 170.0 10.0 301.4 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
15 8 30 242 17 69.5 0.221 1.358 0.017 1297. 251. -14.0 0.0390 0.59 0.22 2.55 133.0 10.0 300.4 2.0 0
0.00 37. 1008. 0 ADJ-A1 NoSubs
15 8 30 242 18 16.4 0.250 0.841 0.017 1298. 300. -85.3 0.0360 0.59 0.33 3.32 113.0 10.0 297.5 2.0 0
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15 8 30 242 19 -21.9 0.233 -9.000 -9.000 -999. 270. 59.8 0.0360 0.59 0.69 3.47 112.0 10.0 294.9 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
15 8 30 242 20 -13.1 0.153 -9.000 -9.000 -999. 145. 25.6 0.0340 0.59 1.00 2.35 62.0 10.0 293.1 2.0 0

0.00 69. 1009. 0 ADJ-A1 NoSubs
15 8 30 242 21 -3.9 0.082 -9.000 -9.000 -999. 58. 13.0 0.0370 0.59 1.00 1.28 4.0 10.0 292.5 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
15 8 30 242 22 -2.7 0.070 -9.000 -9.000 -999. 45. 11.8 0.0370 0.59 1.00 1.03 6.0 10.0 291.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
15 8 30 242 23 -4.7 0.090 -9.000 -9.000 -999. 65. 14.3 0.0440 0.59 1.00 1.37 343.0 10.0 290.4 2.0 0
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0.00 83. 1008. 0 ADJ-A1 NoSubs
15 8 31 243 5 -7.9 0.117 -9.000 -9.000 -999. 96. 18.4 0.0380 0.59 1.00 1.81 307.0 10.0 287.5 2.0 0
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15 8 31 243 7 -2.4 0.102 -9.000 -9.000 -999. 78. 39.6 0.0370 0.59 0.39 1.52 4.0 10.0 288.8 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
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15 8 31 243 9 24.0 0.136 0.498 0.015 185. 120. -9.4 0.0370 0.59 0.19 1.52 55.0 10.0 290.9 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
15 8 31 243 10 142.1 0.154 1.204 0.016 443. 145. -2.3 0.0360 0.59 0.18 1.43 111.0 10.0 293.1 2.0 0
0.00 69. 1009. 3 ADJ-A1 NoSubs
15 8 31 243 11 167.5 0.215 1.351 0.013 530. 240. -5.4 0.0390 0.59 0.17 2.22 132.0 10.0 297.5 2.0 0
0.00 55. 1008. 0 ADJ-A1 NoSubs
15 8 31 243 12 181.9 0.319 1.443 0.011 595. 432. -16.0 0.0280 0.59 0.17 3.98 203.0 10.0 297.5 2.0 0
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15 8 31 243 13 183.3 0.353 1.476 0.009 631. 502. -21.5 0.0450 0.59 0.17 4.10 211.0 10.0 297.0 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
15 8 31 243 14 172.3 0.326 1.471 0.007 664. 448. -18.1 0.0280 0.59 0.17 4.12 194.0 10.0 297.5 2.0 0
0.00 51. 1007. 0 ADJ-A1 NoSubs
15 8 31 243 15 148.4 0.282 1.431 0.005 709. 360. -13.6 0.0280 0.59 0.18 3.47 192.0 10.0 297.5 2.0 0
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15 8 31 243 16 111.8 0.311 1.321 0.005 741. 416. -24.2 0.0420 0.59 0.19 3.71 161.0 10.0 295.4 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
15 8 31 243 17 65.3 0.312 1.113 0.005 758. 418. -41.8 0.0390 0.59 0.22 3.93 136.0 10.0 293.1 2.0 0
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15 8 31 243 18 13.2 0.290 0.654 0.005 760. 376. -166.8 0.0360 0.59 0.33 3.95 114.0 10.0 292.0 2.0 0
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15 8 31 243 19 -28.6 0.300 -9.000 -9.000 -999. 394. 98.9 0.0360 0.59 0.70 4.42 110.0 10.0 290.9 2.0 0
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15 8 31 243 21 -20.8 0.215 -9.000 -9.000 -999. 239. 50.7 0.0340 0.59 1.00 3.24 80.0 10.0 290.9 2.0 0
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15 8 31 243 22 -17.7 0.183 -9.000 -9.000 -999. 188. 36.7 0.0340 0.59 1.00 2.78 67.0 10.0 290.9 2.0 0
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15 8 31 243 23 -11.7 0.144 -9.000 -9.000 -999. 132. 23.1 0.0370 0.59 1.00 2.20 58.0 10.0 290.4 2.0 0

0.00 80. 1007. 10 ADJ-A1 NoSubs
15 8 31 243 24 -5.4 0.097 -9.000 -9.000 -999. 73. 15.1 0.0370 0.59 1.00 1.52 25.0 10.0 289.9 2.0 0
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15 9 1 244 1 -4.4 0.087 -9.000 -9.000 -999. 61. 13.4 0.0330 0.83 1.00 1.38 324.0 10.0 288.8 2.0 0
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15 9 1 244 2 -5.6 0.098 -9.000 -9.000 -999. 74. 15.3 0.0370 0.83 1.00 1.54 169.0 10.0 288.8 2.0 0
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15 9 1 244 3 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.83 1.00 1.25 346.0 10.0 288.8 2.0 0
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15 9 1 244 4 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0310 0.83 1.00 1.28 11.0 10.0 288.8 2.0 0
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15 9 1 244 5 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.83 1.00 1.21 29.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 9 1 244 6 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.83 1.00 1.25 357.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
15 9 1 244 7 -1.1 0.061 -9.000 -9.000 -999. 36. 19.1 0.0310 0.83 0.39 0.97 21.0 10.0 289.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 9 1 244 8 13.9 0.098 0.321 0.014 86. 74. -6.2 0.0310 0.83 0.24 1.09 15.0 10.0 289.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 9 1 244 9 28.7 0.168 0.543 0.021 200. 165. -14.7 0.0230 0.83 0.19 2.16 180.0 10.0 289.9 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
15 9 1 244 10 40.6 0.188 0.774 0.026 410. 195. -14.7 0.0230 0.83 0.18 2.42 208.0 10.0 290.4 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
15 9 1 244 11 49.3 0.235 0.834 0.025 423. 274. -23.7 0.0380 0.83 0.17 2.86 214.0 10.0 291.4 2.0 0
0.00 72. 1008. 10 ADJ-A1 NoSubs
15 9 1 244 12 54.4 0.235 0.871 0.024 436. 273. -21.4 0.0380 0.83 0.17 2.83 211.0 10.0 293.1 2.0 0
0.00 64. 1008. 10 ADJ-A1 NoSubs
15 9 1 244 13 225.9 0.354 1.443 0.019 479. 505. -17.6 0.0230 0.83 0.17 4.63 182.0 10.0 295.9 2.0 0
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15 9 1 244 14 202.3 0.432 1.453 0.012 546. 681. -35.8 0.0380 0.83 0.17 5.41 211.0 10.0 294.9 2.0 0
0.00 58. 1008. 5 ADJ-A1 NoSubs
15 9 1 244 15 178.9 0.405 1.443 0.017 604. 619. -33.4 0.0380 0.83 0.18 5.05 218.0 10.0 294.9 2.0 0
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15 9 1 244 16 134.7 0.382 1.327 0.016 624. 567. -37.2 0.0380 0.83 0.19 4.80 222.0 10.0 293.8 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
15 9 1 244 17 78.3 0.413 1.115 0.015 636. 636. -80.6 0.0380 0.83 0.22 5.41 233.0 10.0 293.1 2.0 0
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15 9 1 244 18 20.4 0.382 0.713 0.015 638. 567. -244.9 0.0380 0.83 0.34 5.19 226.0 10.0 291.4 2.0 0
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15 9 1 244 19 -20.0 0.208 -9.000 -9.000 -999. 252. 47.5 0.0380 0.83 0.72 3.08 215.0 10.0 289.9 2.0 0
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15 9 1 244 20 -12.3 0.148 -9.000 -9.000 -999. 138. 24.1 0.0370 0.83 1.00 2.25 164.0 10.0 290.4 2.0 0
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0.00 80. 1008. 7 ADJ-SFC NoSubs
15 9 2 245 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 287.5 2.0 0
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15 9 2 245 5 -7.1 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.83 1.00 1.76 314.0 10.0 288.1 2.0 0
0.00 83. 1008. 10 ADJ-SFC NoSubs
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0.00 77. 1009. 10 ADJ-SFC NoSubs
15 9 2 245 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.40 0.00 0.0 10.0 290.4 2.0 0
0.00 75. 1009. 10 ADJ-SFC NoSubs
15 9 2 245 8 14.3 -9.000 -9.000 -9.000 458. -999. -99999.0 0.0317 0.83 0.24 0.00 0.0 10.0 290.9 2.0 0
0.00 72. 1009. 10 ADJ-SFC NoSubs
15 9 2 245 9 29.4 0.194 0.764 0.023 547. 205. -22.4 0.0370 0.83 0.19 2.36 164.0 10.0 292.0 2.0 0
0.00 67. 1010. 10 ADJ-SFC NoSubs
15 9 2 245 10 41.6 0.155 0.910 0.025 652. 146. -8.0 0.0317 0.83 0.18 1.76 999.0 10.0 293.1 2.0 0
0.00 62. 1010. 10 ADJ-SFC NoSubs
15 9 2 245 11 196.3 0.393 1.568 0.023 708. 591. -27.8 0.0370 0.83 0.17 4.86 174.0 10.0 294.9 2.0 0
0.00 58. 1010. 5 ADJ-SFC NoSubs
15 9 2 245 12 179.4 0.369 1.534 0.021 725. 538. -25.1 0.0230 0.83 0.17 4.96 195.0 10.0 295.4 2.0 0
0.00 56. 1009. 7 ADJ-A1 NoSubs
15 9 2 245 13 180.8 0.387 1.549 0.019 741. 578. -28.9 0.0380 0.83 0.17 4.78 218.0 10.0 295.4 2.0 0
0.00 60. 1009. 7 ADJ-A1 NoSubs
15 9 2 245 14 207.4 0.403 1.656 0.018 789. 614. -28.4 0.0380 0.83 0.17 4.97 215.0 10.0 295.4 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
15 9 2 245 15 178.0 0.406 1.594 0.016 820. 621. -33.8 0.0380 0.83 0.18 5.07 212.0 10.0 295.4 2.0 0
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15 9 2 245 16 133.8 0.311 1.458 0.015 833. 422. -20.2 0.0370 0.83 0.19 3.75 176.0 10.0 294.9 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
15 9 2 245 17 77.5 0.173 1.219 0.014 840. 185. -6.0 0.0300 0.83 0.22 1.92 114.0 10.0 294.5 2.0 9999
-9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
15 9 2 245 18 14.1 0.283 0.692 0.014 842. 362. -144.5 0.0290 0.83 0.34 3.99 72.0 10.0 294.2 2.0 0
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15 9 2 245 20 -19.4 0.200 -9.000 -9.000 -999. 216. 44.2 0.0290 0.83 1.00 3.12 62.0 10.0 291.4 2.0 0
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15 9 2 245 23 -2.5 0.069 -9.000 -9.000 -999. 43. 11.5 0.0330 0.83 1.00 1.01 327.0 10.0 289.9 2.0 0
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0.00 80. 1008. 10 ADJ-A1 NoSubs
15 9 3 246 2 -4.2 0.085 -9.000 -9.000 -999. 59. 13.2 0.0330 0.83 1.00 1.35 56.0 10.0 289.9 2.0 0
0.00 83. 1008. 5 ADJ-A1 NoSubs
15 9 3 246 3 -1.9 0.063 -9.000 -9.000 -999. 38. 11.4 0.0260 0.83 1.00 0.87 276.0 10.0 288.8 2.0 0
0.00 86. 1008. 7 ADJ-A1 NoSubs
15 9 3 246 4 -1.8 0.062 -9.000 -9.000 -999. 37. 11.5 0.0260 0.83 1.00 0.84 290.0 10.0 289.9 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
15 9 3 246 5 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0260 0.83 1.00 1.08 270.0 10.0 289.9 2.0 0

0.00 86. 1008. 10 ADJ-A1 NoSubs
15 9 3 246 6 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.83 1.00 1.25 340.0 10.0 289.9 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
15 9 3 246 7 -2.1 0.082 -9.000 -9.000 -999. 56. 23.9 0.0290 0.83 0.40 1.30 258.0 10.0 289.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 9 3 246 8 66.5 0.124 0.980 0.012 509. 104. -2.6 0.0370 0.83 0.24 1.16 177.0 10.0 291.4 2.0 0
0.00 72. 1009. 3 ADJ-A1 NoSubs
15 9 3 246 9 101.7 0.171 1.145 0.011 531. 170. -4.4 0.0370 0.83 0.19 1.74 172.0 10.0 292.0 2.0 0
0.00 69. 1009. 7 ADJ-A1 NoSubs
15 9 3 246 10 139.2 0.294 1.294 0.009 560. 383. -16.5 0.0230 0.83 0.18 3.83 182.0 10.0 294.2 2.0 0
0.00 63. 1009. 7 ADJ-A1 NoSubs
15 9 3 246 11 201.0 0.321 1.518 0.006 627. 437. -14.8 0.0230 0.83 0.17 4.14 196.0 10.0 294.9 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
15 9 3 246 12 218.6 0.424 1.620 0.005 701. 663. -31.4 0.0380 0.83 0.17 5.27 211.0 10.0 295.4 2.0 0
0.00 50. 1008. 0 ADJ-A1 NoSubs
15 9 3 246 13 220.6 0.452 1.806 0.005 962. 729. -37.6 0.0380 0.83 0.17 5.68 223.0 10.0 295.9 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
15 9 3 246 14 206.6 0.316 1.925 0.012 1241. 440. -13.7 0.0230 0.83 0.17 4.05 207.0 10.0 295.9 2.0 0
0.00 47. 1006. 0 ADJ-A1 NoSubs
15 9 3 246 15 177.6 0.220 1.887 0.014 1359. 253. -5.4 0.0230 0.83 0.18 2.56 198.0 10.0 297.0 2.0 0
0.00 45. 1005. 0 ADJ-A1 NoSubs
15 9 3 246 16 133.6 0.274 1.730 0.013 1393. 344. -13.8 0.0230 0.83 0.19 3.51 185.0 10.0 297.0 2.0 0
0.00 47. 1005. 0 ADJ-A1 NoSubs
15 9 3 246 17 76.6 0.227 1.444 0.013 1411. 260. -13.6 0.0230 0.83 0.22 2.90 204.0 10.0 295.9 2.0 0
0.00 50. 1005. 0 ADJ-A1 NoSubs
15 9 3 246 18 12.7 0.152 0.793 0.013 1412. 143. -24.7 0.0230 0.83 0.35 2.04 181.0 10.0 294.2 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
15 9 3 246 19 -25.7 0.266 -9.000 -9.000 -999. 329. 77.8 0.0290 0.83 0.75 4.09 83.0 10.0 290.9 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
15 9 3 246 20 -25.7 0.265 -9.000 -9.000 -999. 327. 77.0 0.0330 0.83 1.00 3.98 59.0 10.0 289.9 2.0 0
0.00 74. 1005. 0 ADJ-A1 NoSubs
15 9 3 246 21 -17.7 0.182 -9.000 -9.000 -999. 189. 36.5 0.0330 0.83 1.00 2.79 42.0 10.0 289.2 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
15 9 3 246 22 -17.4 0.178 -9.000 -9.000 -999. 180. 34.9 0.0330 0.83 1.00 2.73 35.0 10.0 288.8 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
15 9 3 246 23 -13.5 0.154 -9.000 -9.000 -999. 146. 26.2 0.0330 0.83 1.00 2.39 46.0 10.0 288.1 2.0 0
0.00 80. 1006. 7 ADJ-A1 NoSubs
15 9 3 246 24 -18.1 0.186 -9.000 -9.000 -999. 193. 38.1 0.0290 0.83 1.00 2.91 61.0 10.0 288.8 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
15 9 4 247 1 -13.1 0.152 -9.000 -9.000 -999. 142. 25.3 0.0290 0.83 1.00 2.40 67.0 10.0 288.8 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
15 9 4 247 2 -14.3 0.158 -9.000 -9.000 -999. 151. 27.6 0.0290 0.83 1.00 2.50 68.0 10.0 288.1 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
15 9 4 247 3 -5.5 0.097 -9.000 -9.000 -999. 73. 14.9 0.0330 0.83 1.00 1.55 54.0 10.0 288.1 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
15 9 4 247 4 -3.2 0.075 -9.000 -9.000 -999. 50. 11.9 0.0310 0.83 1.00 1.18 26.0 10.0 288.1 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
15 9 4 247 5 -8.5 0.120 -9.000 -9.000 -999. 100. 18.2 0.0230 0.83 1.00 2.01 189.0 10.0 288.1 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
15 9 4 247 6 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.83 1.00 1.25 232.0 10.0 288.1 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
15 9 4 247 7 -4.3 0.125 -9.000 -9.000 -999. 107. 41.6 0.0380 0.83 0.40 1.86 220.0 10.0 288.1 2.0 0
0.00 71. 1007. 10 ADJ-A1 NoSubs
15 9 4 247 8 13.5 0.160 0.564 0.016 477. 154. -27.4 0.0380 0.83 0.24 1.97 211.0 10.0 289.9 2.0 0

0.00 66. 1007. 10 ADJ-A1 NoSubs
15 9 4 247 9 28.7 0.218 0.736 0.017 498. 244. -32.2 0.0230 0.83 0.19 2.98 193.0 10.0 291.4 2.0 0
0.00 60. 1008. 10 ADJ-A1 NoSubs
15 9 4 247 10 162.8 0.302 1.406 0.020 615. 398. -15.1 0.0370 0.83 0.18 3.54 178.0 10.0 291.4 2.0 0
0.00 60. 1008. 5 ADJ-A1 NoSubs
15 9 4 247 11 49.1 0.279 0.952 0.019 632. 354. -39.8 0.0370 0.83 0.17 3.54 178.0 10.0 292.5 2.0 0
0.00 56. 1008. 10 ADJ-A1 NoSubs
15 9 4 247 12 216.7 0.344 1.592 0.017 670. 484. -16.9 0.0230 0.83 0.17 4.49 194.0 10.0 293.1 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
15 9 4 247 13 218.8 0.345 1.617 0.014 695. 487. -16.9 0.0230 0.83 0.17 4.51 197.0 10.0 294.2 2.0 0
0.00 43. 1007. 0 ADJ-A1 NoSubs
15 9 4 247 14 205.8 0.305 1.614 0.011 734. 405. -12.4 0.0370 0.83 0.17 3.51 165.0 10.0 296.4 2.0 0
0.00 37. 1006. 0 ADJ-A1 NoSubs
15 9 4 247 15 176.0 0.298 1.604 0.010 842. 391. -13.5 0.0370 0.83 0.18 3.46 153.0 10.0 296.4 2.0 0
0.00 40. 1006. 0 ADJ-A1 NoSubs
15 9 4 247 16 132.2 0.237 1.503 0.008 921. 278. -9.0 0.0370 0.83 0.19 2.64 162.0 10.0 297.0 2.0 0
0.00 40. 1006. 0 ADJ-A1 NoSubs
15 9 4 247 17 75.4 0.203 1.264 0.008 961. 219. -9.9 0.0370 0.83 0.23 2.28 159.0 10.0 296.4 2.0 0
0.00 42. 1006. 0 ADJ-A1 NoSubs
15 9 4 247 18 11.2 0.167 0.670 0.008 962. 165. -37.7 0.0290 0.83 0.35 2.22 85.0 10.0 294.2 2.0 0
0.00 52. 1006. 0 ADJ-A1 NoSubs
15 9 4 247 19 -18.7 0.193 -9.000 -9.000 -999. 204. 41.1 0.0330 0.83 1.00 2.95 54.0 10.0 291.4 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
15 9 4 247 20 -12.6 0.150 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 52.0 10.0 290.4 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
15 9 4 247 21 -19.0 0.195 -9.000 -9.000 -999. 207. 42.0 0.0330 0.83 1.00 2.98 46.0 10.0 289.2 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
15 9 4 247 22 -18.3 0.187 -9.000 -9.000 -999. 194. 38.5 0.0330 0.83 1.00 2.86 46.0 10.0 288.1 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
15 9 4 247 23 -10.9 0.138 -9.000 -9.000 -999. 124. 21.8 0.0330 0.83 1.00 2.16 33.0 10.0 287.5 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 9 4 247 24 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0310 0.83 1.00 1.71 3.0 10.0 287.0 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 9 5 248 1 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0310 0.83 1.00 1.72 28.0 10.0 286.4 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
15 9 5 248 2 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.83 1.00 1.69 353.0 10.0 285.4 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
15 9 5 248 3 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0380 0.83 1.00 2.06 330.0 10.0 284.9 2.0 0
0.00 82. 1007. 0 ADJ-A1 NoSubs
15 9 5 248 4 -13.1 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.83 1.00 2.35 322.0 10.0 284.9 2.0 0
0.00 79. 1008. 3 ADJ-A1 NoSubs
15 9 5 248 5 -10.6 0.136 -9.000 -9.000 -999. 121. 21.6 0.0380 0.83 1.00 2.08 354.0 10.0 286.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
15 9 5 248 6 -10.8 0.138 -9.000 -9.000 -999. 123. 21.7 0.0330 0.83 1.00 2.15 59.0 10.0 287.5 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
15 9 5 248 7 4.8 0.164 0.189 0.007 50. 160. -83.7 0.0330 0.83 0.41 2.22 46.0 10.0 288.1 2.0 0
0.00 77. 1009. 5 ADJ-A1 NoSubs
15 9 5 248 8 58.9 0.183 0.806 0.010 320. 188. -9.3 0.0290 0.83 0.24 2.15 88.0 10.0 289.9 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
15 9 5 248 9 118.4 0.195 1.107 0.009 413. 207. -5.7 0.0300 0.83 0.19 2.16 105.0 10.0 292.0 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
15 9 5 248 10 166.2 0.172 1.426 0.011 629. 171. -2.8 0.0300 0.83 0.18 1.72 117.0 10.0 294.2 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
15 9 5 248 11 199.8 0.260 1.600 0.010 738. 318. -7.9 0.0230 0.83 0.17 3.15 192.0 10.0 295.9 2.0 0

0.00 48. 1009. 0 ADJ-A1 NoSubs
15 9 5 248 12 217.1 0.342 1.711 0.010 832. 479. -16.5 0.0380 0.83 0.17 4.02 229.0 10.0 295.9 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
15 9 5 248 13 219.4 0.345 1.795 0.009 949. 487. -16.9 0.0380 0.83 0.17 4.07 224.0 10.0 297.5 2.0 0
0.00 41. 1008. 0 ADJ-A1 NoSubs
15 9 5 248 14 205.5 0.339 1.778 0.007 985. 474. -17.0 0.0380 0.83 0.17 4.00 238.0 10.0 298.1 2.0 0
0.00 39. 1008. 0 ADJ-A1 NoSubs
15 9 5 248 15 176.3 0.307 1.740 0.006 1075. 408. -14.7 0.0380 0.83 0.18 3.57 236.0 10.0 299.2 2.0 0
0.00 33. 1008. 0 ADJ-A1 NoSubs
15 9 5 248 16 132.3 0.265 1.632 0.006 1181. 327. -12.6 0.0380 0.83 0.19 3.03 223.0 10.0 299.9 2.0 0
0.00 29. 1007. 0 ADJ-A1 NoSubs
15 9 5 248 17 74.7 0.241 1.359 0.006 1207. 284. -16.8 0.0340 0.83 0.23 2.91 145.0 10.0 298.1 2.0 0
0.00 41. 1007. 0 ADJ-A1 NoSubs
15 9 5 248 18 9.7 0.257 0.688 0.006 1205. 312. -156.3 0.0340 0.83 0.36 3.52 139.0 10.0 294.2 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
15 9 5 248 19 -18.2 0.188 -9.000 -9.000 -999. 197. 38.7 0.0370 0.83 1.00 2.81 167.0 10.0 290.9 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
15 9 5 248 20 -17.2 0.178 -9.000 -9.000 -999. 180. 34.7 0.0340 0.83 1.00 2.71 138.0 10.0 290.9 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
15 9 5 248 21 -6.3 0.104 -9.000 -9.000 -999. 82. 16.0 0.0310 0.83 1.00 1.67 12.0 10.0 289.9 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
15 9 5 248 22 -8.7 0.123 -9.000 -9.000 -999. 104. 19.2 0.0330 0.83 1.00 1.94 318.0 10.0 288.8 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
15 9 5 248 23 -10.3 0.134 -9.000 -9.000 -999. 118. 21.1 0.0330 0.83 1.00 2.10 309.0 10.0 288.1 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
15 9 5 248 24 -12.3 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.83 1.00 2.28 314.0 10.0 287.5 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
15 9 6 249 1 -12.8 0.150 -9.000 -9.000 -999. 140. 24.8 0.0330 0.83 1.00 2.33 316.0 10.0 287.0 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 2 -9.8 0.131 -9.000 -9.000 -999. 113. 20.4 0.0330 0.83 1.00 2.05 318.0 10.0 286.4 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 3 -10.9 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.83 1.00 2.15 310.0 10.0 285.9 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 4 -16.4 0.170 -9.000 -9.000 -999. 169. 31.9 0.0330 0.83 1.00 2.62 300.0 10.0 285.9 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 5 -10.5 0.135 -9.000 -9.000 -999. 119. 21.1 0.0330 0.83 1.00 2.11 313.0 10.0 284.9 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 6 -7.3 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.77 326.0 10.0 284.2 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
15 9 6 249 7 -1.9 0.105 -9.000 -9.000 -999. 81. 54.6 0.0290 0.83 0.41 1.62 88.0 10.0 288.8 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
15 9 6 249 8 58.5 0.109 0.653 0.014 171. 86. -2.0 0.0300 0.83 0.24 1.03 114.0 10.0 290.9 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
15 9 6 249 9 118.8 0.154 0.983 0.010 288. 145. -2.8 0.0340 0.83 0.19 1.50 122.0 10.0 294.9 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
15 9 6 249 10 167.7 0.160 1.216 0.006 386. 154. -2.2 0.0340 0.83 0.18 1.50 125.0 10.0 298.8 2.0 0
0.00 25. 1009. 0 ADJ-A1 NoSubs
15 9 6 249 11 202.4 0.229 1.357 0.005 445. 262. -5.3 0.0340 0.83 0.17 2.43 148.0 10.0 302.0 2.0 0
0.00 23. 1009. 0 ADJ-A1 NoSubs
15 9 6 249 12 220.7 0.289 1.884 0.005 1091. 373. -9.8 0.0380 0.83 0.17 3.23 214.0 10.0 303.8 2.0 0
0.00 15. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 13 222.2 0.365 2.047 0.006 1391. 529. -19.6 0.0380 0.83 0.17 4.36 229.0 10.0 303.8 2.0 0
0.00 15. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 14 208.2 0.392 2.039 0.005 1466. 590. -26.1 0.0290 0.83 0.17 5.07 240.0 10.0 304.2 2.0 0

0.00 13. 1007. 0 ADJ-A1 NoSubs
15 9 6 249 15 178.6 0.377 1.969 0.005 1537. 556. -26.9 0.0290 0.83 0.18 4.88 246.0 10.0 304.9 2.0 0
0.00 14. 1007. 0 ADJ-A1 NoSubs
15 9 6 249 16 133.8 0.371 1.810 0.006 1593. 542. -34.2 0.0380 0.83 0.19 4.63 237.0 10.0 304.2 2.0 0
0.00 13. 1006. 0 ADJ-A1 NoSubs
15 9 6 249 17 76.6 0.261 1.513 0.006 1624. 327. -20.9 0.0230 0.83 0.23 3.47 209.0 10.0 303.8 2.0 0
0.00 17. 1006. 0 ADJ-A1 NoSubs
15 9 6 249 18 9.6 0.266 0.755 0.006 1614. 329. -175.8 0.0340 0.83 0.36 3.66 142.0 10.0 297.0 2.0 0
0.00 40. 1006. 0 ADJ-A1 NoSubs
15 9 6 249 19 -22.7 0.236 -9.000 -9.000 -999. 275. 61.1 0.0370 0.83 1.00 3.49 150.0 10.0 292.5 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
15 9 6 249 20 -12.0 0.146 -9.000 -9.000 -999. 138. 23.6 0.0370 0.83 1.00 2.23 158.0 10.0 290.9 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
15 9 6 249 21 -4.6 0.088 -9.000 -9.000 -999. 64. 13.3 0.0230 0.83 1.00 1.50 195.0 10.0 290.9 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 22 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0330 0.83 1.00 1.50 313.0 10.0 289.9 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 23 -8.6 0.122 -9.000 -9.000 -999. 103. 19.1 0.0330 0.83 1.00 1.93 314.0 10.0 288.8 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
15 9 6 249 24 -9.9 0.131 -9.000 -9.000 -999. 114. 20.6 0.0330 0.83 1.00 2.06 315.0 10.0 288.1 2.0 0
0.00 57. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 1 -8.5 0.121 -9.000 -9.000 -999. 101. 18.8 0.0330 0.83 1.00 1.91 317.0 10.0 287.5 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 2 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0330 0.83 1.00 1.79 318.0 10.0 288.1 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 3 -10.1 0.133 -9.000 -9.000 -999. 116. 20.8 0.0330 0.83 1.00 2.08 313.0 10.0 287.5 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 4 -7.1 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.76 307.0 10.0 286.4 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 5 -11.9 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 314.0 10.0 286.4 2.0 0
0.00 50. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 6 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.83 1.00 1.48 320.0 10.0 285.4 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 7 -1.5 0.077 -9.000 -9.000 -999. 52. 27.8 0.0330 0.83 0.41 1.19 323.0 10.0 289.9 2.0 0
0.00 42. 1008. 0 ADJ-A1 NoSubs
15 9 7 250 8 58.8 0.108 0.611 0.016 139. 86. -1.9 0.0330 0.83 0.24 1.00 323.0 10.0 293.8 2.0 0
0.00 31. 1008. 0 ADJ-A1 NoSubs
15 9 7 250 9 119.6 0.160 0.925 0.012 238. 154. -3.1 0.0340 0.83 0.19 1.58 122.0 10.0 298.1 2.0 0
0.00 25. 1008. 0 ADJ-A1 NoSubs
15 9 7 250 10 168.4 0.162 1.161 0.010 334. 156. -2.3 0.0340 0.83 0.18 1.52 124.0 10.0 301.4 2.0 0
0.00 20. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 11 204.6 0.199 1.457 0.006 544. 212. -3.4 0.0340 0.83 0.17 1.99 127.0 10.0 306.4 2.0 0
0.00 15. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 12 222.2 0.283 1.668 0.005 751. 361. -9.1 0.0370 0.83 0.17 3.15 179.0 10.0 307.0 2.0 0
0.00 14. 1006. 0 ADJ-A1 NoSubs
15 9 7 250 13 223.1 0.347 1.760 0.005 878. 491. -16.8 0.0230 0.83 0.17 4.53 206.0 10.0 306.5 2.0 0
0.00 14. 1006. 0 ADJ-A1 Sub_TT
15 9 7 250 14 208.2 0.429 1.937 0.005 1253. 675. -34.1 0.0380 0.83 0.17 5.36 238.0 10.0 305.9 2.0 0
0.00 13. 1006. 0 ADJ-A1 NoSubs
15 9 7 250 15 177.3 0.361 1.943 0.005 1487. 524. -23.8 0.0380 0.83 0.18 4.39 216.0 10.0 304.9 2.0 0
0.00 14. 1006. 0 ADJ-A1 NoSubs
15 9 7 250 16 131.2 0.305 1.790 0.005 1569. 407. -19.4 0.0230 0.83 0.19 4.03 187.0 10.0 302.5 2.0 0
0.00 21. 1005. 0 ADJ-A1 NoSubs
15 9 7 250 17 71.3 0.302 1.475 0.005 1614. 399. -34.7 0.0370 0.83 0.23 3.80 159.0 10.0 297.5 2.0 0

0.00 45. 1006. 0 ADJ-A1 NoSubs
15 9 7 250 18 6.5 0.237 0.663 0.005 1601. 279. -183.7 0.0370 0.83 0.37 3.22 155.0 10.0 293.8 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
15 9 7 250 19 -14.2 0.160 -9.000 -9.000 -999. 156. 28.2 0.0370 0.83 1.00 2.42 175.0 10.0 290.4 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
15 9 7 250 20 -5.6 0.097 -9.000 -9.000 -999. 74. 14.6 0.0230 0.83 1.00 1.65 199.0 10.0 290.9 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
15 9 7 250 21 -2.4 0.067 -9.000 -9.000 -999. 42. 11.3 0.0290 0.83 1.00 1.01 255.0 10.0 291.4 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 22 -5.3 0.096 -9.000 -9.000 -999. 71. 14.8 0.0330 0.83 1.00 1.53 312.0 10.0 290.4 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 23 -6.6 0.108 -9.000 -9.000 -999. 85. 16.9 0.0380 0.83 1.00 1.67 330.0 10.0 290.4 2.0 0
0.00 55. 1007. 0 ADJ-A1 NoSubs
15 9 7 250 24 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0330 0.83 1.00 2.11 315.0 10.0 290.4 2.0 0
0.00 45. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 1 -12.6 0.150 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 327.0 10.0 289.9 2.0 0
0.00 45. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 2 -9.2 0.127 -9.000 -9.000 -999. 108. 19.8 0.0330 0.83 1.00 1.99 316.0 10.0 289.2 2.0 0
0.00 45. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 3 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.37 314.0 10.0 290.4 2.0 0
0.00 39. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 4 -6.1 0.102 -9.000 -9.000 -999. 79. 15.7 0.0290 0.83 1.00 1.67 246.0 10.0 289.2 2.0 0
0.00 42. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 5 -8.1 0.117 -9.000 -9.000 -999. 96. 17.9 0.0260 0.83 1.00 1.93 291.0 10.0 288.1 2.0 0
0.00 45. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 6 -6.5 0.106 -9.000 -9.000 -999. 83. 16.4 0.0330 0.83 1.00 1.69 319.0 10.0 288.1 2.0 0
0.00 45. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 7 -1.3 0.077 -9.000 -9.000 -999. 51. 32.0 0.0330 0.83 0.42 1.18 49.0 10.0 293.8 2.0 0
0.00 30. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 8 59.3 0.175 -9.000 -9.000 -999. 176. -8.1 0.0290 0.83 0.25 2.03 84.0 10.0 296.4 2.0 0
0.00 26. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 9 120.1 0.173 -9.000 -9.000 -999. 173. -3.9 0.0300 0.83 0.19 1.82 96.0 10.0 300.4 2.0 0
0.00 21. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 10 170.7 0.212 -9.000 -9.000 -999. 234. -5.0 0.0300 0.83 0.18 2.30 105.0 10.0 305.9 2.0 0
0.00 15. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 11 205.9 0.216 -9.000 -9.000 -999. 241. -4.4 0.0300 0.83 0.17 2.30 119.0 10.0 309.2 2.0 0
0.00 11. 1006. 0 ADJ-A1 NoSubs
15 9 8 251 12 223.0 0.300 -9.000 -9.000 -999. 395. -10.9 0.0370 0.83 0.17 3.41 176.0 10.0 309.2 2.0 0
0.00 12. 1005. 0 ADJ-A1 NoSubs
15 9 8 251 13 223.4 0.362 -9.000 -9.000 -999. 522. -19.0 0.0380 0.83 0.17 4.31 230.0 10.0 308.1 2.0 0
0.00 13. 1005. 0 ADJ-A1 NoSubs
15 9 8 251 14 207.9 0.313 -9.000 -9.000 -999. 421. -13.2 0.0230 0.83 0.17 3.99 206.0 10.0 307.0 2.0 0
0.00 12. 1005. 0 ADJ-A1 NoSubs
15 9 8 251 15 177.7 0.277 -9.000 -9.000 -999. 350. -10.7 0.0230 0.83 0.18 3.46 202.0 10.0 307.0 2.0 0
0.00 12. 1004. 0 ADJ-A1 NoSubs
15 9 8 251 16 129.7 0.343 -9.000 -9.000 -999. 481. -27.8 0.0370 0.83 0.19 4.24 168.0 10.0 302.5 2.0 0
0.00 24. 1004. 0 ADJ-A1 NoSubs
15 9 8 251 17 70.1 0.314 -9.000 -9.000 -999. 423. -39.5 0.0370 0.83 0.23 3.98 156.0 10.0 298.1 2.0 0
0.00 42. 1004. 0 ADJ-A1 NoSubs
15 9 8 251 18 5.5 0.240 -9.000 -9.000 -999. 284. -223.0 0.0370 0.83 0.37 3.27 157.0 10.0 294.9 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
15 9 8 251 19 -6.2 0.103 -9.000 -9.000 -999. 94. 15.6 0.0230 0.83 1.00 1.74 197.0 10.0 293.8 2.0 0
0.00 62. 1004. 0 ADJ-A1 NoSubs
15 9 8 251 20 -1.8 0.063 -9.000 -9.000 -999. 38. 12.3 0.0380 0.83 1.00 0.79 227.0 10.0 293.1 2.0 0

0.00 64. 1005. 0 ADJ-A1 NoSubs
15 9 8 251 21 -1.9 0.062 -9.000 -9.000 -999. 37. 11.3 0.0260 0.83 1.00 0.87 273.0 10.0 292.5 2.0 0
0.00 65. 1005. 0 ADJ-A1 NoSubs
15 9 8 251 22 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0330 0.83 1.00 1.50 313.0 10.0 292.0 2.0 0
0.00 58. 1005. 0 ADJ-A1 NoSubs
15 9 8 251 23 -10.2 0.134 -9.000 -9.000 -999. 118. 21.3 0.0330 0.83 1.00 2.10 323.0 10.0 292.0 2.0 0
0.00 49. 1005. 0 ADJ-A1 NoSubs
15 9 8 251 24 -11.2 0.142 -9.000 -9.000 -999. 128. 22.7 0.0380 0.83 1.00 2.15 330.0 10.0 292.0 2.0 0
0.00 42. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 1 -9.7 0.131 -9.000 -9.000 -999. 114. 20.7 0.0330 0.83 1.00 2.05 327.0 10.0 292.0 2.0 0
0.00 39. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 2 -3.1 0.075 -9.000 -9.000 -999. 50. 12.0 0.0330 0.83 1.00 1.16 316.0 10.0 292.0 2.0 0
0.00 41. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 3 -8.6 0.123 -9.000 -9.000 -999. 103. 19.2 0.0330 0.83 1.00 1.93 302.0 10.0 290.9 2.0 0
0.00 40. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 4 -9.3 0.128 -9.000 -9.000 -999. 110. 20.1 0.0330 0.83 1.00 2.01 308.0 10.0 290.9 2.0 0
0.00 40. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 5 -6.1 0.103 -9.000 -9.000 -999. 79. 16.1 0.0380 0.83 1.00 1.60 339.0 10.0 288.8 2.0 0
0.00 51. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 6 -10.2 0.134 -9.000 -9.000 -999. 117. 21.0 0.0330 0.83 1.00 2.09 307.0 10.0 289.9 2.0 0
0.00 43. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.42 0.00 0.0 10.0 292.0 2.0 0
0.00 41. 1006. 0 ADJ-SFC NoSubs
15 9 9 252 8 59.0 -9.000 -9.000 -9.000 109. -999. -99999.0 0.0317 0.83 0.25 0.00 0.0 10.0 297.5 2.0 0
0.00 31. 1006. 0 ADJ-SFC NoSubs
15 9 9 252 9 119.9 -9.000 -9.000 -9.000 263. -999. -99999.0 0.0317 0.83 0.19 0.00 0.0 10.0 301.4 2.0 0
0.00 20. 1006. 0 ADJ-SFC NoSubs
15 9 9 252 10 169.0 0.223 1.200 0.009 367. 253. -5.9 0.0370 0.83 0.18 2.36 164.0 10.0 304.9 2.0 0
0.00 19. 1006. 0 ADJ-SFC NoSubs
15 9 9 252 11 203.2 0.335 1.361 0.005 445. 465. -16.6 0.0230 0.83 0.17 4.36 184.0 10.0 307.0 2.0 0
0.00 15. 1005. 0 ADJ-SFC NoSubs
15 9 9 252 12 219.4 0.317 1.555 0.005 615. 429. -13.0 0.0290 0.83 0.17 3.86 247.0 10.0 305.9 2.0 0
0.00 15. 1005. 0 ADJ-SFC NoSubs
15 9 9 252 13 220.6 0.367 1.825 0.005 989. 534. -20.1 0.0230 0.83 0.17 4.86 195.0 10.0 305.9 2.0 0
0.00 17. 1005. 0 ADJ-SFC NoSubs
15 9 9 252 14 205.1 0.324 1.906 0.005 1211. 443. -14.8 0.0340 0.83 0.17 3.86 145.0 10.0 304.9 2.0 0
0.00 28. 1004. 0 ADJ-SFC NoSubs
15 9 9 252 15 171.5 0.324 1.866 0.005 1359. 443. -17.8 0.0370 0.83 0.18 3.86 174.0 10.0 299.9 2.0 0
0.00 48. 1004. 0 ADJ-SFC NoSubs
15 9 9 252 16 124.5 0.382 1.715 0.005 1452. 567. -40.1 0.0370 0.83 0.19 4.85 163.0 10.0 295.9 2.0 0
0.00 60. 1004. 0 ADJ-A1 NoSubs
15 9 9 252 17 66.5 0.279 1.407 0.005 1500. 360. -29.3 0.0370 0.83 0.23 3.47 162.0 10.0 294.2 2.0 0
0.00 65. 1004. 0 ADJ-A1 NoSubs
15 9 9 252 18 2.8 0.264 0.490 0.005 1493. 326. -585.3 0.0370 0.83 0.38 3.66 166.0 10.0 292.0 2.0 0
0.00 74. 1004. 0 ADJ-A1 NoSubs
15 9 9 252 19 -17.3 0.179 -9.000 -9.000 -999. 185. 35.3 0.0370 0.83 1.00 2.69 160.0 10.0 290.9 2.0 0
0.00 77. 1004. 0 ADJ-A1 NoSubs
15 9 9 252 20 -9.1 0.127 -9.000 -9.000 -999. 109. 20.0 0.0340 0.83 1.00 1.98 136.0 10.0 290.9 2.0 0
0.00 80. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 21 -2.5 0.069 -9.000 -9.000 -999. 44. 11.4 0.0310 0.83 1.00 1.03 5.0 10.0 291.4 2.0 0
0.00 77. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 22 -4.6 0.090 -9.000 -9.000 -999. 65. 14.1 0.0380 0.83 1.00 1.40 235.0 10.0 289.9 2.0 0
0.00 80. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 23 -2.8 0.072 -9.000 -9.000 -999. 46. 11.9 0.0380 0.83 1.00 1.06 213.0 10.0 290.4 2.0 0

0.00 86. 1005. 0 ADJ-A1 NoSubs
15 9 9 252 24 -2.9 0.072 -9.000 -9.000 -999. 47. 11.5 0.0290 0.83 1.00 1.13 240.0 10.0 290.4 2.0 0
0.00 80. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 1 -6.3 0.103 -9.000 -9.000 -999. 79. 15.5 0.0230 0.83 1.00 1.74 204.0 10.0 289.9 2.0 0
0.00 80. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 2 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.83 1.00 1.20 353.0 10.0 288.1 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 3 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0310 0.83 1.00 1.11 26.0 10.0 289.2 2.0 0
0.00 83. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 4 -3.0 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.83 1.00 1.13 325.0 10.0 288.8 2.0 0
0.00 83. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 5 -1.9 0.062 -9.000 -9.000 -999. 37. 11.4 0.0260 0.83 1.00 0.86 292.0 10.0 288.1 2.0 0
0.00 83. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 6 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0330 0.83 1.00 1.54 315.0 10.0 288.8 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
15 9 10 253 7 -2.5 0.094 -9.000 -9.000 -999. 69. 29.7 0.0290 0.83 0.42 1.47 263.0 10.0 290.4 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
15 9 10 253 8 57.0 0.108 0.561 0.026 111. 86. -2.0 0.0380 0.83 0.25 0.97 221.0 10.0 295.4 2.0 0
0.00 54. 1006. 0 ADJ-A1 NoSubs
15 9 10 253 9 117.7 0.134 0.845 0.022 184. 117. -1.8 0.0340 0.83 0.19 1.21 132.0 10.0 299.2 2.0 0
0.00 40. 1006. 0 ADJ-A1 NoSubs
15 9 10 253 10 167.4 0.187 1.052 0.016 250. 194. -3.5 0.0340 0.83 0.18 1.88 147.0 10.0 303.8 2.0 0
0.00 31. 1006. 0 ADJ-A1 NoSubs
15 9 10 253 11 202.3 0.279 1.261 0.012 356. 354. -9.6 0.0370 0.83 0.17 3.13 175.0 10.0 307.0 2.0 0
0.00 17. 1006. 0 ADJ-A1 NoSubs
15 9 10 253 12 218.8 0.310 1.475 0.008 527. 415. -12.2 0.0230 0.83 0.17 3.93 208.0 10.0 306.5 2.0 0
0.00 19. 1005. 0 ADJ-A1 Sub_TT
15 9 10 253 13 219.5 0.362 1.587 0.006 654. 522. -19.4 0.0380 0.83 0.17 4.32 214.0 10.0 305.9 2.0 0
0.00 19. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 14 202.0 0.342 1.616 0.005 750. 481. -17.8 0.0230 0.83 0.17 4.49 180.0 10.0 302.0 2.0 0
0.00 28. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 15 167.7 0.392 1.570 0.005 828. 589. -32.2 0.0370 0.83 0.18 4.90 168.0 10.0 295.4 2.0 0
0.00 58. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 16 122.0 0.339 1.543 0.005 1080. 475. -28.6 0.0370 0.83 0.19 4.20 170.0 10.0 293.8 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 17 64.4 0.274 1.264 0.005 1126. 347. -28.7 0.0370 0.83 0.24 3.40 171.0 10.0 293.1 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
15 9 10 253 18 1.1 0.237 0.326 0.005 1120. 277. -1083.3 0.0370 0.83 0.39 3.30 168.0 10.0 291.4 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
15 9 10 253 19 -17.1 0.177 -9.000 -9.000 -999. 180. 34.5 0.0370 0.83 1.00 2.66 158.0 10.0 290.9 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
15 9 10 253 20 -7.4 0.114 -9.000 -9.000 -999. 93. 17.7 0.0340 0.83 1.00 1.79 121.0 10.0 290.4 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
15 9 10 253 21 -2.1 0.065 -9.000 -9.000 -999. 40. 11.4 0.0290 0.83 1.00 0.92 84.0 10.0 290.4 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
15 9 10 253 22 -3.8 0.081 -9.000 -9.000 -999. 55. 12.5 0.0290 0.83 1.00 1.31 252.0 10.0 290.4 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
15 9 10 253 23 -1.7 0.061 -9.000 -9.000 -999. 36. 11.7 0.0260 0.83 1.00 0.79 295.0 10.0 289.9 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
15 9 10 253 24 -3.7 0.079 -9.000 -9.000 -999. 53. 12.1 0.0260 0.83 1.00 1.30 288.0 10.0 289.2 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 1 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0380 0.83 1.00 1.18 238.0 10.0 288.1 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 2 -2.1 0.065 -9.000 -9.000 -999. 40. 11.4 0.0290 0.83 1.00 0.92 68.0 10.0 288.8 2.0 0

0.00 86. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 3 -1.8 0.061 -9.000 -9.000 -999. 36. 11.3 0.0230 0.83 1.00 0.84 187.0 10.0 287.5 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 4 -1.7 0.062 -9.000 -9.000 -999. 37. 12.6 0.0380 0.83 1.00 0.75 233.0 10.0 287.0 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 5 -3.4 0.077 -9.000 -9.000 -999. 52. 12.3 0.0370 0.83 1.00 1.18 163.0 10.0 288.1 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 6 -2.7 0.070 -9.000 -9.000 -999. 44. 11.6 0.0330 0.83 1.00 1.04 321.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 7 -1.3 0.065 -9.000 -9.000 -999. 40. 18.6 0.0330 0.83 0.43 1.03 304.0 10.0 290.4 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 9 11 254 8 55.5 0.119 0.579 0.030 125. 98. -2.7 0.0260 0.83 0.25 1.23 297.0 10.0 293.8 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 9 115.9 0.164 0.862 0.026 199. 160. -3.4 0.0340 0.83 0.19 1.65 122.0 10.0 297.5 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
15 9 11 254 10 164.7 0.182 1.050 0.020 253. 187. -3.3 0.0340 0.83 0.18 1.82 122.0 10.0 300.9 2.0 0
0.00 41. 1008. 0 ADJ-A1 NoSubs
15 9 11 254 11 198.6 0.250 1.249 0.016 353. 301. -7.1 0.0370 0.83 0.17 2.71 153.0 10.0 303.1 2.0 0
0.00 36. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 12 216.6 0.326 1.361 0.010 418. 447. -14.4 0.0370 0.83 0.17 3.81 174.0 10.0 304.9 2.0 0
0.00 27. 1006. 0 ADJ-A1 NoSubs
15 9 11 254 13 215.3 0.396 1.449 0.007 507. 599. -26.0 0.0370 0.83 0.17 4.88 173.0 10.0 301.4 2.0 0
0.00 35. 1006. 0 ADJ-A1 NoSubs
15 9 11 254 14 198.4 0.360 1.497 0.007 607. 520. -21.1 0.0370 0.83 0.17 4.36 162.0 10.0 298.1 2.0 0
0.00 49. 1006. 0 ADJ-A1 NoSubs
15 9 11 254 15 166.9 0.304 1.485 0.005 704. 404. -15.1 0.0370 0.83 0.18 3.57 156.0 10.0 296.4 2.0 0
0.00 54. 1005. 0 ADJ-A1 NoSubs
15 9 11 254 16 121.0 0.338 1.401 0.005 816. 471. -28.6 0.0370 0.83 0.19 4.19 174.0 10.0 294.9 2.0 0
0.00 62. 1005. 0 ADJ-A1 NoSubs
15 9 11 254 17 63.1 0.256 1.153 0.005 872. 314. -23.8 0.0370 0.83 0.24 3.13 166.0 10.0 293.8 2.0 0
0.00 65. 1005. 0 ADJ-A1 NoSubs
15 9 11 254 18 0.3 0.181 0.201 0.005 869. 186. -1591.3 0.0370 0.83 0.39 2.52 168.0 10.0 293.1 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
15 9 11 254 19 -19.5 0.202 -9.000 -9.000 -999. 218. 44.8 0.0370 0.83 1.00 3.01 156.0 10.0 291.4 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
15 9 11 254 20 -21.6 0.223 -9.000 -9.000 -999. 253. 54.9 0.0300 0.83 1.00 3.44 116.0 10.0 290.9 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
15 9 11 254 21 -16.5 0.171 -9.000 -9.000 -999. 170. 32.1 0.0300 0.83 1.00 2.67 97.0 10.0 290.4 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 9 11 254 22 -18.9 0.193 -9.000 -9.000 -999. 204. 41.2 0.0300 0.83 1.00 3.00 111.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
15 9 11 254 23 -17.4 0.178 -9.000 -9.000 -999. 181. 35.0 0.0300 0.83 1.00 2.78 108.0 10.0 288.8 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
15 9 11 254 24 -10.0 0.132 -9.000 -9.000 -999. 115. 20.6 0.0300 0.83 1.00 2.10 102.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 9 12 255 1 -8.8 0.123 -9.000 -9.000 -999. 103. 19.0 0.0290 0.83 1.00 1.98 63.0 10.0 289.2 2.0 0
0.00 86. 1009. 7 ADJ-A1 NoSubs
15 9 12 255 2 -14.2 0.159 -9.000 -9.000 -999. 152. 27.7 0.0330 0.83 1.00 2.45 56.0 10.0 289.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 9 12 255 3 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0300 0.83 1.00 1.82 91.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 9 12 255 4 -6.9 0.108 -9.000 -9.000 -999. 85. 16.6 0.0290 0.83 1.00 1.76 62.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 9 12 255 5 -8.4 0.120 -9.000 -9.000 -999. 100. 18.6 0.0290 0.83 1.00 1.94 75.0 10.0 288.8 2.0 0

0.00 86. 1009. 10 ADJ-A1 NoSubs
15 9 12 255 6 -5.6 0.098 -9.000 -9.000 -999. 74. 15.1 0.0330 0.83 1.00 1.57 53.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 9 12 255 7 -3.4 0.092 -9.000 -9.000 -999. 67. 20.2 0.0290 0.83 0.43 1.47 78.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 9 12 255 8 58.5 0.124 0.871 0.043 407. 105. -3.0 0.0310 0.83 0.25 1.25 16.0 10.0 289.9 2.0 0
0.00 80. 1009. 3 ADJ-A1 NoSubs
15 9 12 255 9 112.7 0.158 1.151 0.043 487. 150. -3.1 0.0370 0.83 0.20 1.53 176.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
15 9 12 255 10 159.0 0.176 1.305 0.041 504. 177. -3.1 0.0380 0.83 0.18 1.69 220.0 10.0 291.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
15 9 12 255 11 191.9 0.264 1.400 0.038 516. 326. -8.6 0.0380 0.83 0.17 2.91 225.0 10.0 292.5 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
15 9 12 255 12 208.7 0.220 1.447 0.035 522. 249. -4.6 0.0370 0.83 0.17 2.25 171.0 10.0 292.5 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
15 9 12 255 13 210.3 0.219 1.457 0.032 529. 245. -4.5 0.0340 0.83 0.17 2.27 138.0 10.0 294.2 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
15 9 12 255 14 195.5 0.167 1.428 0.029 535. 165. -2.2 0.0230 0.83 0.17 1.72 182.0 10.0 294.9 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
15 9 12 255 15 165.5 0.179 1.355 0.026 540. 182. -3.1 0.0380 0.83 0.18 1.72 334.0 10.0 296.4 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
15 9 12 255 16 118.5 0.296 1.214 0.025 543. 386. -19.7 0.0290 0.83 0.19 3.74 243.0 10.0 292.5 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
15 9 12 255 17 60.5 0.307 0.971 0.024 545. 408. -42.9 0.0230 0.83 0.24 4.27 191.0 10.0 291.4 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
15 9 12 255 18 -1.4 0.186 -9.000 -9.000 -999. 201. 414.1 0.0380 0.83 0.40 2.64 337.0 10.0 291.4 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
15 9 12 255 19 -20.7 0.213 -9.000 -9.000 -999. 235. 49.8 0.0380 0.83 1.00 3.15 212.0 10.0 289.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 9 12 255 20 -8.6 0.123 -9.000 -9.000 -999. 107. 19.4 0.0380 0.83 1.00 1.89 238.0 10.0 289.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 9 12 255 21 -3.5 0.078 -9.000 -9.000 -999. 52. 12.2 0.0310 0.83 1.00 1.23 21.0 10.0 290.4 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 9 12 255 22 -11.2 0.141 -9.000 -9.000 -999. 127. 22.3 0.0340 0.83 1.00 2.18 140.0 10.0 289.9 2.0 0
0.00 86. 1008. 3 ADJ-A1 NoSubs
15 9 12 255 23 -3.0 0.074 -9.000 -9.000 -999. 49. 11.8 0.0330 0.83 1.00 1.13 309.0 10.0 290.4 2.0 0
0.00 83. 1008. 3 ADJ-A1 NoSubs
15 9 12 255 24 -10.5 0.136 -9.000 -9.000 -999. 120. 21.5 0.0340 0.83 1.00 2.11 142.0 10.0 290.4 2.0 0
0.00 83. 1008. 7 ADJ-A1 NoSubs
15 9 13 256 1 -10.9 0.138 -9.000 -9.000 -999. 123. 21.6 0.0290 0.83 1.00 2.20 62.0 10.0 290.4 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
15 9 13 256 2 -10.9 0.138 -9.000 -9.000 -999. 124. 21.9 0.0330 0.83 1.00 2.16 31.0 10.0 290.4 2.0 0
0.00 83. 1007. 7 ADJ-A1 NoSubs
15 9 13 256 3 -8.4 0.121 -9.000 -9.000 -999. 101. 19.0 0.0330 0.83 1.00 1.91 57.0 10.0 290.4 2.0 0
0.00 83. 1006. 7 ADJ-A1 NoSubs
15 9 13 256 4 -5.6 0.097 -9.000 -9.000 -999. 73. 14.9 0.0290 0.83 1.00 1.59 62.0 10.0 289.9 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
15 9 13 256 5 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.83 1.00 1.20 336.0 10.0 289.9 2.0 0
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15 9 13 256 6 -1.6 0.061 -9.000 -9.000 -999. 36. 12.3 0.0310 0.83 1.00 0.75 10.0 10.0 289.9 2.0 0
0.00 86. 1006. 5 ADJ-A1 NoSubs
15 9 13 256 7 -0.8 0.048 -9.000 -9.000 -999. 25. 12.3 0.0260 0.83 0.44 0.79 276.0 10.0 290.4 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
15 9 13 256 8 52.8 0.100 0.707 0.026 240. 76. -1.7 0.0290 0.83 0.25 0.94 68.0 10.0 291.4 2.0 0

0.00 77. 1006. 0 ADJ-A1 NoSubs
15 9 13 256 9 112.3 0.123 0.992 0.023 312. 104. -1.5 0.0370 0.83 0.20 1.06 162.0 10.0 293.8 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
15 9 13 256 10 160.4 0.195 1.191 0.020 378. 206. -4.1 0.0370 0.83 0.18 1.96 154.0 10.0 296.4 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
15 9 13 256 11 192.5 0.262 1.311 0.020 420. 322. -8.4 0.0230 0.83 0.17 3.20 193.0 10.0 295.9 2.0 0
0.00 60. 1005. 0 ADJ-A1 NoSubs
15 9 13 256 12 209.4 0.301 1.448 0.020 521. 396. -11.7 0.0380 0.83 0.17 3.42 226.0 10.0 296.4 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
15 9 13 256 13 210.2 0.303 1.488 0.018 563. 401. -11.9 0.0230 0.83 0.17 3.83 204.0 10.0 296.4 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
15 9 13 256 14 194.8 0.322 1.476 0.015 592. 439. -15.4 0.0230 0.83 0.17 4.17 203.0 10.0 295.9 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
15 9 13 256 15 162.9 0.317 1.440 0.013 657. 428. -17.5 0.0230 0.83 0.18 4.15 198.0 10.0 293.8 2.0 0
0.00 67. 1004. 0 ADJ-A1 NoSubs
15 9 13 256 16 116.7 0.316 1.320 0.012 706. 426. -24.2 0.0230 0.83 0.19 4.24 202.0 10.0 292.0 2.0 0
0.00 72. 1003. 0 ADJ-A1 NoSubs
15 9 13 256 17 58.6 0.249 1.061 0.011 728. 300. -23.6 0.0230 0.83 0.24 3.34 196.0 10.0 290.9 2.0 0
0.00 77. 1003. 0 ADJ-A1 NoSubs
15 9 13 256 18 5.3 0.217 0.478 0.011 728. 243. -171.7 0.0380 0.83 0.41 2.93 211.0 10.0 289.9 2.0 0
0.00 83. 1003. 7 ADJ-A1 NoSubs
15 9 13 256 19 -9.9 0.133 -9.000 -9.000 -999. 119. 21.1 0.0380 0.83 1.00 2.03 224.0 10.0 289.2 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
15 9 13 256 20 -7.2 0.110 -9.000 -9.000 -999. 88. 16.7 0.0230 0.83 1.00 1.86 204.0 10.0 289.2 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
15 9 13 256 21 -7.2 0.112 -9.000 -9.000 -999. 90. 17.6 0.0380 0.83 1.00 1.74 210.0 10.0 289.2 2.0 0
0.00 86. 1004. 10 ADJ-A1 NoSubs
15 9 13 256 22 -8.3 0.121 -9.000 -9.000 -999. 101. 19.1 0.0380 0.83 1.00 1.86 224.0 10.0 289.2 2.0 0
0.00 86. 1004. 10 ADJ-A1 NoSubs
15 9 13 256 23 -3.5 0.079 -9.000 -9.000 -999. 54. 12.6 0.0380 0.83 1.00 1.21 239.0 10.0 289.2 2.0 0
0.00 86. 1004. 10 ADJ-A1 NoSubs
15 9 13 256 24 -2.6 0.070 -9.000 -9.000 -999. 44. 11.8 0.0380 0.83 1.00 1.01 238.0 10.0 289.2 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
15 9 14 257 1 -2.3 0.066 -9.000 -9.000 -999. 41. 11.3 0.0290 0.83 1.00 0.96 264.0 10.0 289.2 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
15 9 14 257 2 -3.1 0.073 -9.000 -9.000 -999. 48. 11.5 0.0260 0.83 1.00 1.18 278.0 10.0 289.2 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
15 9 14 257 3 -2.2 0.065 -9.000 -9.000 -999. 40. 11.3 0.0290 0.83 1.00 0.94 243.0 10.0 289.2 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
15 9 14 257 4 -2.7 0.070 -9.000 -9.000 -999. 45. 11.4 0.0290 0.83 1.00 1.08 246.0 10.0 289.2 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
15 9 14 257 5 -2.0 0.064 -9.000 -9.000 -999. 39. 11.7 0.0330 0.83 1.00 0.86 321.0 10.0 289.2 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
15 9 14 257 6 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.83 1.00 1.28 309.0 10.0 289.2 2.0 0
0.00 89. 1003. 10 ADJ-A1 NoSubs
15 9 14 257 7 -3.9 0.099 -9.000 -9.000 -999. 74. 21.9 0.0330 0.83 0.44 1.54 323.0 10.0 289.9 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
15 9 14 257 8 11.5 0.111 0.409 0.017 212. 89. -10.7 0.0290 0.83 0.25 1.33 263.0 10.0 290.4 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
15 9 14 257 9 26.2 0.202 0.649 0.027 373. 217. -28.0 0.0290 0.83 0.20 2.62 240.0 10.0 290.4 2.0 0
0.00 86. 1004. 10 ADJ-A1 NoSubs
15 9 14 257 10 37.9 0.211 0.819 0.031 519. 232. -22.2 0.0380 0.83 0.18 2.55 220.0 10.0 290.4 2.0 0
0.00 90. 1005. 10 ADJ-A1 NoSubs
15 9 14 257 11 46.2 0.239 0.883 0.031 534. 280. -26.5 0.0380 0.83 0.17 2.93 212.0 10.0 290.9 2.0 0

0.00 86. 1005. 10 ADJ-A1 NoSubs
15 9 14 257 12 50.8 0.260 0.920 0.031 550. 318. -31.0 0.0290 0.83 0.17 3.40 240.0 10.0 292.0 2.0 0
0.00 77. 1005. 10 ADJ-A1 NoSubs
15 9 14 257 13 50.9 0.270 0.930 0.030 566. 336. -34.5 0.0380 0.83 0.17 3.37 228.0 10.0 292.0 2.0 0
0.00 77. 1005. 10 ADJ-A1 NoSubs
15 9 14 257 14 192.5 0.327 1.478 0.028 602. 450. -16.3 0.0380 0.83 0.17 3.85 224.0 10.0 293.8 2.0 11
0.30 69. 1004. 0 ADJ-A1 NoSubs
15 9 14 257 15 165.9 0.389 1.421 0.026 620. 581. -31.7 0.0380 0.83 0.18 4.83 233.0 10.0 294.2 2.0 0
0.00 67. 1004. 3 ADJ-A1 NoSubs
15 9 14 257 16 28.7 0.314 0.793 0.026 623. 426. -96.6 0.0380 0.83 0.19 4.15 224.0 10.0 293.8 2.0 0
0.00 69. 1004. 10 ADJ-A1 NoSubs
15 9 14 257 17 14.0 0.296 0.625 0.025 624. 386. -165.1 0.0380 0.83 0.24 3.98 227.0 10.0 293.1 2.0 0
0.00 75. 1004. 10 ADJ-A1 NoSubs
15 9 14 257 18 -6.1 0.224 -9.000 -9.000 -999. 256. 163.9 0.0380 0.83 0.41 3.22 237.0 10.0 292.0 2.0 0
0.00 80. 1003. 10 ADJ-A1 NoSubs
15 9 14 257 19 -14.4 0.160 -9.000 -9.000 -999. 154. 28.1 0.0290 0.83 1.00 2.52 253.0 10.0 292.0 2.0 0
0.00 80. 1003. 10 ADJ-A1 NoSubs
15 9 14 257 20 -7.9 0.117 -9.000 -9.000 -999. 96. 18.1 0.0290 0.83 1.00 1.89 268.0 10.0 292.0 2.0 0
0.00 77. 1004. 10 ADJ-A1 NoSubs
15 9 14 257 21 -11.7 0.143 -9.000 -9.000 -999. 130. 22.6 0.0290 0.83 1.00 2.28 250.0 10.0 291.4 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
15 9 14 257 22 -12.5 0.148 -9.000 -9.000 -999. 137. 24.1 0.0290 0.83 1.00 2.35 247.0 10.0 290.9 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
15 9 14 257 23 -12.8 0.150 -9.000 -9.000 -999. 140. 24.8 0.0290 0.83 1.00 2.38 241.0 10.0 290.9 2.0 0
0.00 77. 1004. 10 ADJ-A1 NoSubs
15 9 14 257 24 -8.3 0.120 -9.000 -9.000 -999. 99. 18.5 0.0290 0.83 1.00 1.93 246.0 10.0 290.9 2.0 0
0.00 77. 1005. 10 ADJ-A1 NoSubs
15 9 15 258 1 -5.2 0.095 -9.000 -9.000 -999. 70. 14.9 0.0380 0.83 1.00 1.48 212.0 10.0 290.9 2.0 0
0.00 74. 1005. 10 ADJ-A1 NoSubs
15 9 15 258 2 -8.5 0.122 -9.000 -9.000 -999. 103. 19.3 0.0370 0.83 1.00 1.89 164.0 10.0 290.9 2.0 0
0.00 77. 1005. 10 ADJ-A1 NoSubs
15 9 15 258 3 -7.6 0.116 -9.000 -9.000 -999. 95. 18.3 0.0380 0.83 1.00 1.79 211.0 10.0 290.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
15 9 15 258 4 -4.1 0.084 -9.000 -9.000 -999. 59. 12.9 0.0290 0.83 1.00 1.37 244.0 10.0 290.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
15 9 15 258 5 -9.4 0.128 -9.000 -9.000 -999. 110. 19.9 0.0290 0.83 1.00 2.05 242.0 10.0 290.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
15 9 15 258 6 -11.9 0.146 -9.000 -9.000 -999. 134. 23.4 0.0380 0.83 1.00 2.21 232.0 10.0 290.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
15 9 15 258 7 -9.4 0.188 -9.000 -9.000 -999. 195. 63.3 0.0290 0.83 0.45 2.89 247.0 10.0 290.4 2.0 0
0.00 75. 1006. 10 ADJ-A1 NoSubs
15 9 15 258 8 11.6 0.212 0.455 0.005 292. 234. -73.8 0.0290 0.83 0.25 2.91 247.0 10.0 290.9 2.0 0
0.00 67. 1007. 10 ADJ-A1 NoSubs
15 9 15 258 9 26.6 0.297 0.729 0.008 522. 388. -88.3 0.0380 0.83 0.20 3.91 235.0 10.0 292.0 2.0 0
0.00 62. 1007. 10 ADJ-A1 NoSubs
15 9 15 258 10 130.9 0.346 1.396 0.020 747. 488. -28.4 0.0380 0.83 0.18 4.26 219.0 10.0 293.8 2.0 0
0.00 53. 1008. 7 ADJ-A1 NoSubs
15 9 15 258 11 193.0 0.316 1.635 0.019 815. 427. -14.7 0.0230 0.83 0.17 4.07 201.0 10.0 293.1 2.0 0
0.00 54. 1008. 3 ADJ-A1 NoSubs
15 9 15 258 12 206.0 0.356 1.741 0.019 922. 510. -19.7 0.0380 0.83 0.17 4.26 210.0 10.0 293.8 2.0 0
0.00 53. 1008. 0 ADJ-A1 NoSubs
15 9 15 258 13 206.8 0.341 1.801 0.018 1017. 478. -17.2 0.0230 0.83 0.17 4.46 207.0 10.0 294.2 2.0 0
0.00 50. 1007. 0 ADJ-A1 NoSubs
15 9 15 258 14 191.4 0.338 1.766 0.016 1035. 472. -18.1 0.0230 0.83 0.17 4.44 202.0 10.0 294.2 2.0 0

0.00 46. 1007. 0 ADJ-A1 NoSubs
15 9 15 258 15 159.8 0.352 1.671 0.015 1050. 502. -24.6 0.0370 0.83 0.18 4.32 177.0 10.0 293.1 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
15 9 15 258 16 114.9 0.296 1.503 0.014 1061. 388. -20.2 0.0290 0.83 0.19 3.75 81.0 10.0 294.9 2.0 0
0.00 50. 1006. 0 ADJ-A1 NoSubs
15 9 15 258 17 56.7 0.260 1.190 0.014 1067. 318. -27.7 0.0290 0.83 0.25 3.37 60.0 10.0 294.2 2.0 0
0.00 52. 1006. 0 ADJ-A1 NoSubs
15 9 15 258 18 -3.9 0.176 -9.000 -9.000 -999. 179. 124.2 0.0330 0.83 0.42 2.61 48.0 10.0 292.5 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
15 9 15 258 19 -18.3 0.189 -9.000 -9.000 -999. 197. 39.3 0.0290 0.83 1.00 2.95 67.0 10.0 290.9 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
15 9 15 258 20 -11.5 0.141 -9.000 -9.000 -999. 128. 22.1 0.0290 0.83 1.00 2.25 61.0 10.0 289.2 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
15 9 15 258 21 -3.7 0.080 -9.000 -9.000 -999. 55. 12.4 0.0310 0.83 1.00 1.28 9.0 10.0 287.5 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 9 15 258 22 -5.5 0.098 -9.000 -9.000 -999. 73. 15.2 0.0380 0.83 1.00 1.52 356.0 10.0 287.0 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 9 15 258 23 -8.0 0.118 -9.000 -9.000 -999. 97. 18.5 0.0380 0.83 1.00 1.82 330.0 10.0 285.9 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
15 9 15 258 24 -9.2 0.126 -9.000 -9.000 -999. 107. 19.6 0.0330 0.83 1.00 1.98 323.0 10.0 285.4 2.0 0
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15 9 16 259 1 -9.9 0.131 -9.000 -9.000 -999. 113. 20.4 0.0330 0.83 1.00 2.05 316.0 10.0 285.4 2.0 0
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15 9 16 259 2 -8.2 0.119 -9.000 -9.000 -999. 98. 18.4 0.0330 0.83 1.00 1.88 315.0 10.0 284.9 2.0 0
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15 9 16 259 3 -8.7 0.122 -9.000 -9.000 -999. 103. 18.9 0.0330 0.83 1.00 1.93 314.0 10.0 284.2 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
15 9 16 259 4 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 324.0 10.0 284.9 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
15 9 16 259 5 -7.7 0.115 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.82 315.0 10.0 284.2 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
15 9 16 259 6 -6.9 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.83 1.00 1.72 323.0 10.0 283.8 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
15 9 16 259 7 -4.5 0.109 -9.000 -9.000 -999. 86. 25.7 0.0380 0.83 0.45 1.64 330.0 10.0 285.9 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
15 9 16 259 8 49.3 0.108 1.018 0.005 772. 85. -2.3 0.0290 0.83 0.26 1.06 245.0 10.0 289.2 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
15 9 16 259 9 108.9 0.216 1.422 0.005 953. 241. -8.4 0.0300 0.83 0.20 2.50 112.0 10.0 292.0 2.0 0
0.00 55. 1012. 0 ADJ-A1 NoSubs
15 9 16 259 10 156.0 0.207 1.664 0.005 1068. 227. -5.2 0.0230 0.83 0.18 2.40 184.0 10.0 293.1 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
15 9 16 259 11 188.9 0.274 1.841 0.005 1194. 345. -9.8 0.0230 0.83 0.17 3.40 207.0 10.0 294.9 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
15 9 16 259 12 205.7 0.394 1.985 0.006 1376. 593. -26.8 0.0380 0.83 0.17 4.83 210.0 10.0 295.4 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
15 9 16 259 13 210.1 0.411 2.084 0.007 1560. 633. -29.9 0.0380 0.83 0.17 5.09 236.0 10.0 295.9 2.0 0
0.00 47. 1012. 3 ADJ-A1 NoSubs
15 9 16 259 14 190.6 0.406 2.036 0.007 1601. 620. -31.6 0.0380 0.83 0.17 5.04 226.0 10.0 295.4 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
15 9 16 259 15 39.9 0.425 1.212 0.007 1609. 664. -173.5 0.0380 0.83 0.18 5.73 225.0 10.0 294.9 2.0 0
0.00 52. 1011. 10 ADJ-A1 NoSubs
15 9 16 259 16 118.1 0.431 1.748 0.006 1634. 680. -61.3 0.0380 0.83 0.20 5.58 225.0 10.0 294.9 2.0 0
0.00 56. 1011. 3 ADJ-A1 NoSubs
15 9 16 259 17 13.2 0.345 0.842 0.006 1635. 492. -282.1 0.0380 0.83 0.25 4.71 234.0 10.0 293.1 2.0 0

0.00 64. 1011. 10 ADJ-A1 NoSubs
15 9 16 259 18 2.8 0.244 0.506 0.006 1635. 294. -458.2 0.0380 0.83 0.43 3.35 228.0 10.0 292.0 2.0 0
0.00 69. 1011. 7 ADJ-A1 NoSubs
15 9 16 259 19 -18.8 0.194 -9.000 -9.000 -999. 206. 41.5 0.0380 0.83 1.00 2.89 234.0 10.0 291.4 2.0 0
0.00 75. 1010. 10 ADJ-A1 NoSubs
15 9 16 259 20 -9.1 0.125 -9.000 -9.000 -999. 107. 19.5 0.0290 0.83 1.00 2.01 248.0 10.0 290.9 2.0 0
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15 9 16 259 21 -2.0 0.064 -9.000 -9.000 -999. 40. 11.7 0.0330 0.83 1.00 0.87 31.0 10.0 291.4 2.0 0
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15 9 16 259 22 -2.8 0.070 -9.000 -9.000 -999. 45. 11.4 0.0290 0.83 1.00 1.09 253.0 10.0 290.9 2.0 0
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15 9 16 259 23 -2.5 0.068 -9.000 -9.000 -999. 42. 11.3 0.0290 0.83 1.00 1.01 246.0 10.0 289.9 2.0 0
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15 9 16 259 24 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0330 0.83 1.00 1.57 326.0 10.0 289.9 2.0 0
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15 9 17 260 1 -4.4 0.087 -9.000 -9.000 -999. 61. 13.4 0.0330 0.83 1.00 1.38 312.0 10.0 290.4 2.0 0
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15 9 17 260 2 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0330 0.83 1.00 1.64 324.0 10.0 290.4 2.0 0
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15 9 17 260 3 -6.7 0.107 -9.000 -9.000 -999. 85. 16.6 0.0330 0.83 1.00 1.71 309.0 10.0 289.2 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
15 9 17 260 4 -11.6 0.143 -9.000 -9.000 -999. 129. 22.5 0.0330 0.83 1.00 2.22 309.0 10.0 288.1 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 9 17 260 5 -11.0 0.138 -9.000 -9.000 -999. 124. 21.8 0.0330 0.83 1.00 2.16 322.0 10.0 287.5 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 9 17 260 6 -5.7 0.098 -9.000 -9.000 -999. 74. 15.1 0.0330 0.83 1.00 1.57 313.0 10.0 286.4 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
15 9 17 260 7 -3.8 0.099 -9.000 -9.000 -999. 75. 22.8 0.0330 0.83 0.45 1.54 310.0 10.0 288.1 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
15 9 17 260 8 49.2 0.109 0.892 0.007 520. 86. -2.4 0.0340 0.83 0.26 1.03 147.0 10.0 291.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
15 9 17 260 9 108.9 0.147 1.205 0.006 580. 135. -2.6 0.0340 0.83 0.20 1.42 131.0 10.0 294.2 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
15 9 17 260 10 156.0 0.202 1.415 0.005 656. 218. -4.8 0.0340 0.83 0.18 2.12 142.0 10.0 295.4 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
15 9 17 260 11 188.4 0.311 1.687 0.005 922. 416. -14.4 0.0230 0.83 0.17 4.00 204.0 10.0 295.9 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
15 9 17 260 12 204.9 0.409 1.835 0.005 1091. 629. -30.2 0.0380 0.83 0.17 5.07 211.0 10.0 295.9 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
15 9 17 260 13 205.8 0.416 1.939 0.005 1279. 643. -31.4 0.0380 0.83 0.17 5.16 229.0 10.0 297.0 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
15 9 17 260 14 190.4 0.400 1.940 0.005 1384. 607. -30.2 0.0380 0.83 0.17 4.95 221.0 10.0 297.5 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
15 9 17 260 15 159.3 0.345 1.903 0.005 1561. 489. -23.3 0.0380 0.83 0.18 4.19 228.0 10.0 298.1 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
15 9 17 260 16 113.1 0.290 1.731 0.005 1655. 376. -19.4 0.0380 0.83 0.20 3.46 224.0 10.0 297.5 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
15 9 17 260 17 54.7 0.212 1.368 0.005 1686. 236. -15.6 0.0370 0.83 0.25 2.49 172.0 10.0 297.0 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
15 9 17 260 18 -5.1 0.163 -9.000 -9.000 -999. 159. 77.1 0.0300 0.83 0.44 2.49 118.0 10.0 293.8 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
15 9 17 260 19 -10.7 0.138 -9.000 -9.000 -999. 123. 22.0 0.0370 0.83 1.00 2.11 169.0 10.0 290.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
15 9 17 260 20 -10.5 0.134 -9.000 -9.000 -999. 117. 20.5 0.0230 0.83 1.00 2.22 182.0 10.0 289.2 2.0 0

0.00 80. 1010. 0 ADJ-A1 NoSubs
15 9 17 260 21 -8.5 0.120 -9.000 -9.000 -999. 100. 18.2 0.0230 0.83 1.00 2.01 184.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 9 17 260 22 -1.8 0.063 -9.000 -9.000 -999. 39. 12.3 0.0380 0.83 1.00 0.79 216.0 10.0 289.2 2.0 0
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15 9 17 260 23 -5.7 0.098 -9.000 -9.000 -999. 74. 15.1 0.0330 0.83 1.00 1.57 315.0 10.0 288.1 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 9 17 260 24 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.81 310.0 10.0 287.5 2.0 0
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15 9 18 261 1 -9.0 0.124 -9.000 -9.000 -999. 105. 19.4 0.0330 0.83 1.00 1.96 317.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 2 -5.9 0.100 -9.000 -9.000 -999. 76. 15.4 0.0330 0.83 1.00 1.60 320.0 10.0 286.4 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 3 -9.7 0.130 -9.000 -9.000 -999. 113. 20.3 0.0330 0.83 1.00 2.04 309.0 10.0 285.9 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 4 -8.8 0.123 -9.000 -9.000 -999. 104. 19.2 0.0330 0.83 1.00 1.94 306.0 10.0 286.4 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 5 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.83 1.00 1.72 303.0 10.0 285.4 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 6 -5.5 0.097 -9.000 -9.000 -999. 72. 14.9 0.0330 0.83 1.00 1.55 305.0 10.0 285.9 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 7 -6.3 0.129 -9.000 -9.000 -999. 111. 30.8 0.0260 0.83 0.46 2.06 295.0 10.0 287.5 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 8 48.1 0.100 0.675 0.013 230. 76. -1.9 0.0380 0.83 0.26 0.89 213.0 10.0 290.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 9 108.0 0.148 1.014 0.011 348. 136. -2.7 0.0340 0.83 0.20 1.43 130.0 10.0 294.2 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 10 156.2 0.166 1.201 0.007 400. 163. -2.6 0.0370 0.83 0.18 1.57 152.0 10.0 297.5 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
15 9 18 261 11 189.8 0.208 1.360 0.005 477. 227. -4.2 0.0370 0.83 0.17 2.10 152.0 10.0 300.4 2.0 0
0.00 37. 1008. 0 ADJ-A1 NoSubs
15 9 18 261 12 207.2 0.321 1.638 0.005 764. 437. -14.4 0.0380 0.83 0.17 3.73 234.0 10.0 302.0 2.0 0
0.00 30. 1008. 0 ADJ-A1 NoSubs
15 9 18 261 13 207.1 0.359 1.929 0.013 1247. 515. -20.0 0.0290 0.83 0.17 4.54 241.0 10.0 301.4 2.0 0
0.00 30. 1007. 0 ADJ-A1 NoSubs
15 9 18 261 14 192.0 0.403 1.965 0.017 1421. 615. -30.7 0.0380 0.83 0.17 5.00 225.0 10.0 302.5 2.0 0
0.00 25. 1006. 0 ADJ-A1 NoSubs
15 9 18 261 15 160.2 0.383 1.862 0.017 1448. 569. -31.4 0.0380 0.83 0.18 4.75 219.0 10.0 302.0 2.0 0
0.00 28. 1006. 0 ADJ-A1 NoSubs
15 9 18 261 16 114.4 0.266 1.668 0.017 1456. 338. -14.8 0.0380 0.83 0.20 3.10 211.0 10.0 302.5 2.0 0
0.00 28. 1005. 0 ADJ-A1 NoSubs
15 9 18 261 17 55.6 0.198 1.313 0.016 1460. 214. -12.6 0.0340 0.83 0.25 2.33 148.0 10.0 301.4 2.0 0
0.00 36. 1005. 0 ADJ-A1 NoSubs
15 9 18 261 18 -8.8 0.256 -9.000 -9.000 -999. 311. 170.4 0.0340 0.83 0.45 3.76 136.0 10.0 294.9 2.0 0
0.00 58. 1005. 0 ADJ-A1 NoSubs
15 9 18 261 19 -14.4 0.161 -9.000 -9.000 -999. 159. 28.7 0.0370 0.83 1.00 2.44 157.0 10.0 292.5 2.0 0
0.00 65. 1005. 0 ADJ-A1 NoSubs
15 9 18 261 20 -5.3 0.094 -9.000 -9.000 -999. 71. 14.1 0.0230 0.83 1.00 1.60 191.0 10.0 290.4 2.0 0
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15 9 18 261 21 -5.7 0.099 -9.000 -9.000 -999. 74. 15.1 0.0300 0.83 1.00 1.60 112.0 10.0 290.9 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
15 9 18 261 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 289.2 2.0
0 0.00 74. 1006. 0 ADJ-SFC NoSubs
15 9 18 261 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 289.2 2.0

0 0.00 71. 1006. 0 ADJ-SFC NoSubs
15 9 18 261 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 287.5 2.0
0 0.00 77. 1006. 0 ADJ-SFC NoSubs
15 9 19 262 1 -13.1 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 322.0 10.0 287.5 2.0 0
0.00 74. 1006. 0 ADJ-SFC NoSubs
15 9 19 262 2 -7.1 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.76 321.0 10.0 287.5 2.0 0
0.00 74. 1006. 0 ADJ-SFC NoSubs
15 9 19 262 3 -13.1 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 300.0 10.0 287.0 2.0 0
0.00 77. 1005. 0 ADJ-SFC NoSubs
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0.00 77. 1005. 0 ADJ-SFC NoSubs
15 9 19 262 5 -7.1 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.76 315.0 10.0 285.9 2.0 0
0.00 79. 1005. 0 ADJ-SFC NoSubs
15 9 19 262 6 -13.2 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 312.0 10.0 285.9 2.0 0
0.00 76. 1005. 0 ADJ-SFC NoSubs
15 9 19 262 7 -0.6 0.044 -9.000 -9.000 -999. 35. 11.7 0.0260 0.83 0.46 0.58 283.0 10.0 288.1 2.0 0
0.00 71. 1005. 0 ADJ-A1 NoSubs
15 9 19 262 8 47.7 0.091 0.610 0.021 170. 65. -1.4 0.0290 0.83 0.26 0.82 73.0 10.0 292.0 2.0 0
0.00 55. 1006. 0 ADJ-A1 NoSubs
15 9 19 262 9 107.9 0.114 0.916 0.017 255. 93. -1.2 0.0340 0.83 0.20 0.97 122.0 10.0 295.9 2.0 0
0.00 41. 1006. 0 ADJ-A1 NoSubs
15 9 19 262 10 156.5 0.153 1.130 0.014 330. 144. -2.1 0.0340 0.83 0.18 1.42 127.0 10.0 299.9 2.0 0
0.00 33. 1006. 0 ADJ-A1 NoSubs
15 9 19 262 11 191.7 0.176 1.288 0.010 399. 177. -2.6 0.0340 0.83 0.17 1.69 146.0 10.0 304.9 2.0 0
0.00 22. 1005. 0 ADJ-A1 NoSubs
15 9 19 262 12 209.1 0.204 1.486 0.008 563. 221. -3.6 0.0340 0.83 0.17 2.06 138.0 10.0 306.4 2.0 0
0.00 22. 1004. 0 ADJ-A1 NoSubs
15 9 19 262 13 209.3 0.266 1.552 0.007 639. 329. -8.0 0.0230 0.83 0.17 3.23 209.0 10.0 306.4 2.0 0
0.00 20. 1003. 0 ADJ-A1 NoSubs
15 9 19 262 14 192.6 0.364 1.663 0.008 856. 528. -22.5 0.0380 0.83 0.17 4.41 238.0 10.0 305.4 2.0 0
0.00 20. 1003. 0 ADJ-A1 NoSubs
15 9 19 262 15 161.8 0.279 1.635 0.008 967. 357. -12.0 0.0380 0.83 0.18 3.18 233.0 10.0 306.4 2.0 0
0.00 17. 1003. 0 ADJ-A1 NoSubs
15 9 19 262 16 115.6 0.264 1.495 0.007 1036. 325. -14.2 0.0230 0.83 0.20 3.39 191.0 10.0 306.4 2.0 0
0.00 16. 1003. 0 ADJ-A1 NoSubs
15 9 19 262 17 52.3 0.293 1.151 0.007 1045. 381. -43.1 0.0340 0.83 0.26 3.80 147.0 10.0 298.8 2.0 0
0.00 45. 1003. 0 ADJ-A1 NoSubs
15 9 19 262 18 -7.7 0.194 -9.000 -9.000 -999. 209. 83.7 0.0370 0.83 0.46 2.84 175.0 10.0 294.2 2.0 0
0.00 65. 1003. 0 ADJ-A1 NoSubs
15 9 19 262 19 -8.2 0.119 -9.000 -9.000 -999. 100. 18.1 0.0230 0.83 1.00 1.99 207.0 10.0 292.5 2.0 0
0.00 72. 1003. 0 ADJ-A1 NoSubs
15 9 19 262 20 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.83 1.00 1.20 227.0 10.0 292.0 2.0 0
0.00 74. 1004. 0 ADJ-A1 NoSubs
15 9 19 262 21 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0260 0.83 1.00 1.62 284.0 10.0 291.4 2.0 0
0.00 75. 1004. 0 ADJ-A1 NoSubs
15 9 19 262 22 -5.4 0.097 -9.000 -9.000 -999. 73. 15.0 0.0330 0.83 1.00 1.55 307.0 10.0 291.4 2.0 0
0.00 69. 1004. 0 ADJ-A1 NoSubs
15 9 19 262 23 -10.7 0.138 -9.000 -9.000 -999. 123. 21.8 0.0330 0.83 1.00 2.15 321.0 10.0 290.4 2.0 0
0.00 62. 1004. 0 ADJ-A1 NoSubs
15 9 19 262 24 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0330 0.83 1.00 1.84 304.0 10.0 290.4 2.0 0
0.00 55. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 1 -6.5 0.106 -9.000 -9.000 -999. 83. 16.5 0.0330 0.83 1.00 1.69 310.0 10.0 291.4 2.0 0
0.00 51. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 2 -11.6 0.143 -9.000 -9.000 -999. 130. 22.8 0.0330 0.83 1.00 2.23 318.0 10.0 291.4 2.0 0

0.00 47. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 3 -5.8 0.100 -9.000 -9.000 -999. 76. 15.5 0.0330 0.83 1.00 1.60 301.0 10.0 289.9 2.0 0
0.00 53. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 4 -10.2 0.133 -9.000 -9.000 -999. 116. 20.5 0.0260 0.83 1.00 2.16 289.0 10.0 289.2 2.0 0
0.00 55. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 5 -2.9 0.071 -9.000 -9.000 -999. 47. 11.3 0.0260 0.83 1.00 1.14 293.0 10.0 290.4 2.0 0
0.00 47. 1004. 0 ADJ-A1 NoSubs
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0.00 53. 1005. 0 ADJ-A1 NoSubs
15 9 20 263 7 -6.2 0.123 -9.000 -9.000 -999. 104. 27.3 0.0290 0.83 0.47 1.94 254.0 10.0 290.9 2.0 0
0.00 53. 1005. 0 ADJ-A1 NoSubs
15 9 20 263 8 48.7 0.147 0.483 0.019 83. 135. -5.8 0.0290 0.83 0.26 1.64 269.0 10.0 296.4 2.0 0
0.00 36. 1006. 0 ADJ-A1 NoSubs
15 9 20 263 9 109.3 0.146 0.874 0.015 219. 134. -2.6 0.0230 0.83 0.20 1.54 182.0 10.0 300.4 2.0 0
0.00 24. 1006. 0 ADJ-A1 NoSubs
15 9 20 263 10 158.7 0.200 1.098 0.011 299. 215. -4.5 0.0340 0.83 0.18 2.08 127.0 10.0 304.9 2.0 0
0.00 19. 1006. 0 ADJ-A1 NoSubs
15 9 20 263 11 193.6 0.194 1.320 0.008 426. 205. -3.4 0.0340 0.83 0.17 1.94 139.0 10.0 308.8 2.0 0
0.00 14. 1006. 0 ADJ-A1 NoSubs
15 9 20 263 12 209.8 0.302 1.516 0.005 597. 398. -11.8 0.0230 0.83 0.17 3.81 191.0 10.0 308.8 2.0 0
0.00 15. 1005. 0 ADJ-A1 NoSubs
15 9 20 263 13 207.7 0.425 1.681 0.005 821. 664. -33.0 0.0380 0.83 0.17 5.29 231.0 10.0 305.9 2.0 0
0.00 21. 1005. 0 ADJ-A1 NoSubs
15 9 20 263 14 191.2 0.345 1.718 0.005 951. 491. -19.3 0.0380 0.83 0.17 4.12 227.0 10.0 305.4 2.0 0
0.00 21. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 15 159.5 0.316 1.829 0.005 1376. 428. -17.8 0.0380 0.83 0.18 3.75 215.0 10.0 305.4 2.0 0
0.00 19. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 16 112.0 0.271 1.660 0.005 1463. 340. -15.9 0.0230 0.83 0.20 3.52 187.0 10.0 303.8 2.0 0
0.00 21. 1003. 0 ADJ-A1 NoSubs
15 9 20 263 17 51.9 0.258 1.293 0.005 1493. 314. -29.6 0.0230 0.83 0.26 3.51 181.0 10.0 300.9 2.0 0
0.00 25. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 18 -6.6 0.155 -9.000 -9.000 -999. 151. 51.0 0.0370 0.83 0.46 2.30 150.0 10.0 296.4 2.0 0
0.00 51. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 19 -6.4 0.105 -9.000 -9.000 -999. 82. 15.9 0.0230 0.83 1.00 1.77 186.0 10.0 293.8 2.0 0
0.00 67. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 20 -2.2 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.83 1.00 0.99 208.0 10.0 293.1 2.0 0
0.00 72. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 21 -2.8 0.071 -9.000 -9.000 -999. 45. 11.3 0.0260 0.83 1.00 1.13 284.0 10.0 292.5 2.0 0
0.00 65. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 22 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0330 0.83 1.00 1.31 325.0 10.0 293.1 2.0 0
0.00 54. 1004. 0 ADJ-A1 NoSubs
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0.00 44. 1004. 0 ADJ-A1 NoSubs
15 9 20 263 24 -14.6 0.162 -9.000 -9.000 -999. 157. 28.9 0.0330 0.83 1.00 2.50 320.0 10.0 293.1 2.0 0
0.00 44. 1004. 0 ADJ-A1 NoSubs
15 9 21 264 1 -8.8 0.125 -9.000 -9.000 -999. 106. 19.6 0.0330 0.83 1.00 1.96 328.0 10.0 293.1 2.0 0
0.00 44. 1004. 0 ADJ-A1 NoSubs
15 9 21 264 2 -7.5 0.115 -9.000 -9.000 -999. 94. 18.0 0.0330 0.83 1.00 1.82 324.0 10.0 293.1 2.0 0
0.00 44. 1003. 0 ADJ-A1 NoSubs
15 9 21 264 3 -2.6 0.070 -9.000 -9.000 -999. 44. 11.6 0.0330 0.83 1.00 1.04 320.0 10.0 290.9 2.0 0
0.00 51. 1003. 0 ADJ-A1 NoSubs
15 9 21 264 4 -10.0 0.133 -9.000 -9.000 -999. 116. 21.0 0.0330 0.83 1.00 2.08 314.0 10.0 292.0 2.0 0
0.00 44. 1003. 0 ADJ-A1 NoSubs
15 9 21 264 5 -7.9 0.118 -9.000 -9.000 -999. 97. 18.4 0.0330 0.83 1.00 1.86 320.0 10.0 290.4 2.0 0

0.00 51. 1003. 0 ADJ-A1 NoSubs
15 9 21 264 6 -7.1 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.83 1.00 1.76 312.0 10.0 290.4 2.0 0
0.00 53. 1003. 0 ADJ-SFC NoSubs
15 9 21 264 7 -7.7 0.156 -9.000 -9.000 -999. 147. 43.7 0.0330 0.83 0.47 2.36 317.0 10.0 293.8 2.0 0
0.00 43. 1003. 0 ADJ-SFC NoSubs
15 9 21 264 8 47.6 -9.000 -9.000 -9.000 116. -999. -99999.0 0.0317 0.83 0.26 0.00 0.0 10.0 295.9 2.0 0
0.00 37. 1003. 0 ADJ-SFC NoSubs
15 9 21 264 9 108.7 -9.000 -9.000 -9.000 195. -999. -99999.0 0.0317 0.83 0.20 0.00 0.0 10.0 300.9 2.0 0
0.00 29. 1003. 0 ADJ-SFC NoSubs
15 9 21 264 10 156.9 0.214 1.115 0.011 316. 238. -5.6 0.0300 0.83 0.18 2.36 114.0 10.0 303.8 2.0 0
0.00 22. 1003. 0 ADJ-SFC NoSubs
15 9 21 264 11 190.4 0.260 1.302 0.006 415. 317. -8.2 0.0370 0.83 0.17 2.86 157.0 10.0 305.9 2.0 0
0.00 24. 1002. 0 ADJ-SFC NoSubs
15 9 21 264 12 207.3 0.284 1.588 0.005 691. 363. -9.9 0.0290 0.83 0.17 3.36 268.0 10.0 307.0 2.0 0
0.00 20. 1002. 0 ADJ-SFC NoSubs
15 9 21 264 13 206.8 0.305 1.669 0.005 804. 404. -12.2 0.0230 0.83 0.17 3.86 189.0 10.0 306.4 2.0 0
0.00 21. 1001. 0 ADJ-SFC NoSubs
15 9 21 264 14 186.9 0.359 2.016 0.005 1569. 516. -22.1 0.0370 0.83 0.17 4.36 157.0 10.0 300.9 2.0 0
0.00 44. 1001. 0 ADJ-SFC NoSubs
15 9 21 264 15 153.7 0.393 1.930 0.005 1673. 592. -35.3 0.0370 0.83 0.18 4.95 155.0 10.0 298.8 2.0 0
0.00 53. 1001. 0 ADJ-A1 NoSubs
15 9 21 264 16 105.8 0.356 1.726 0.005 1737. 512. -38.2 0.0370 0.83 0.20 4.51 159.0 10.0 295.9 2.0 0
0.00 60. 1001. 0 ADJ-A1 NoSubs
15 9 21 264 17 46.6 0.308 1.319 0.005 1762. 411. -55.8 0.0370 0.83 0.26 3.98 158.0 10.0 294.2 2.0 0
0.00 67. 1002. 0 ADJ-A1 NoSubs
15 9 21 264 18 -12.8 0.251 -9.000 -9.000 -999. 303. 110.1 0.0370 0.83 0.47 3.66 157.0 10.0 292.5 2.0 0
0.00 75. 1002. 0 ADJ-A1 NoSubs
15 9 21 264 19 -19.0 0.198 -9.000 -9.000 -999. 212. 43.1 0.0340 0.83 1.00 3.00 133.0 10.0 291.4 2.0 0
0.00 80. 1002. 0 ADJ-A1 NoSubs
15 9 21 264 20 -18.5 0.192 -9.000 -9.000 -999. 201. 40.4 0.0340 0.83 1.00 2.91 120.0 10.0 291.4 2.0 0
0.00 80. 1003. 0 ADJ-A1 NoSubs
15 9 21 264 21 -20.9 0.217 -9.000 -9.000 -999. 242. 51.6 0.0300 0.83 1.00 3.34 111.0 10.0 290.9 2.0 0
0.00 83. 1004. 3 ADJ-A1 NoSubs
15 9 21 264 22 -24.1 0.250 -9.000 -9.000 -999. 300. 68.7 0.0300 0.83 1.00 3.83 97.0 10.0 290.9 2.0 0
0.00 83. 1005. 10 ADJ-A1 NoSubs
15 9 21 264 23 -20.7 0.214 -9.000 -9.000 -999. 238. 50.3 0.0370 0.83 1.00 3.18 174.0 10.0 290.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
15 9 21 264 24 -4.5 0.087 -9.000 -9.000 -999. 74. 13.2 0.0260 0.83 1.00 1.45 272.0 10.0 290.4 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
15 9 22 265 1 -4.6 0.090 -9.000 -9.000 -999. 64. 13.9 0.0330 0.83 1.00 1.43 315.0 10.0 290.9 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
15 9 22 265 2 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0260 0.83 1.00 1.57 281.0 10.0 290.9 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
15 9 22 265 3 -10.8 0.138 -9.000 -9.000 -999. 124. 22.0 0.0330 0.83 1.00 2.16 323.0 10.0 292.0 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
15 9 22 265 4 -7.7 0.115 -9.000 -9.000 -999. 93. 17.6 0.0260 0.83 1.00 1.89 276.0 10.0 292.0 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
15 9 22 265 5 -9.9 0.133 -9.000 -9.000 -999. 116. 21.2 0.0380 0.83 1.00 2.03 239.0 10.0 292.0 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
15 9 22 265 6 -11.2 0.142 -9.000 -9.000 -999. 128. 22.7 0.0380 0.83 1.00 2.15 210.0 10.0 291.4 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
15 9 22 265 7 -8.4 0.139 -9.000 -9.000 -999. 125. 28.8 0.0230 0.83 0.48 2.27 200.0 10.0 291.4 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
15 9 22 265 8 10.4 0.204 0.344 0.017 141. 222. -73.8 0.0380 0.83 0.26 2.67 210.0 10.0 292.0 2.0 0

0.00 74. 1007. 10 ADJ-A1 NoSubs
15 9 22 265 9 25.0 0.249 0.550 0.026 239. 297. -55.3 0.0230 0.83 0.20 3.51 203.0 10.0 292.0 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
15 9 22 265 10 36.8 0.259 0.700 0.028 336. 317. -42.7 0.0230 0.83 0.18 3.61 185.0 10.0 292.5 2.0 0
0.00 70. 1009. 10 ADJ-A1 NoSubs
15 9 22 265 11 150.2 0.281 1.239 0.028 456. 358. -13.3 0.0230 0.83 0.17 3.59 182.0 10.0 293.8 2.0 0
0.00 65. 1009. 7 ADJ-A1 NoSubs
15 9 22 265 12 198.3 0.329 1.419 0.025 518. 452. -16.1 0.0230 0.83 0.17 4.27 193.0 10.0 294.2 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
15 9 22 265 13 198.2 0.349 1.467 0.023 574. 495. -19.3 0.0230 0.83 0.17 4.61 196.0 10.0 294.2 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
15 9 22 265 14 182.2 0.316 1.465 0.022 621. 427. -15.5 0.0230 0.83 0.17 4.09 195.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
15 9 22 265 15 149.7 0.301 1.400 0.020 660. 397. -16.4 0.0230 0.83 0.18 3.92 192.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
15 9 22 265 16 102.6 0.338 1.256 0.020 695. 471. -33.8 0.0370 0.83 0.20 4.24 179.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
15 9 22 265 17 43.7 0.285 0.952 0.020 708. 367. -47.7 0.0370 0.83 0.27 3.66 155.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
15 9 22 265 18 -8.9 0.254 -9.000 -9.000 -999. 308. 165.2 0.0340 0.83 0.48 3.73 124.0 10.0 289.9 2.0 0
0.00 77. 1008. 5 ADJ-A1 NoSubs
15 9 22 265 19 -23.1 0.237 -9.000 -9.000 -999. 277. 61.7 0.0300 0.83 1.00 3.64 101.0 10.0 289.2 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
15 9 22 265 20 -21.6 0.222 -9.000 -9.000 -999. 251. 54.2 0.0290 0.83 1.00 3.44 74.0 10.0 289.9 2.0 0
0.00 74. 1009. 7 ADJ-A1 NoSubs
15 9 22 265 21 -17.8 0.183 -9.000 -9.000 -999. 188. 36.7 0.0290 0.83 1.00 2.86 64.0 10.0 289.2 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
15 9 22 265 22 -9.8 0.131 -9.000 -9.000 -999. 114. 20.5 0.0330 0.83 1.00 2.05 54.0 10.0 288.8 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
15 9 22 265 23 -6.5 0.106 -9.000 -9.000 -999. 82. 16.2 0.0310 0.83 1.00 1.70 26.0 10.0 288.1 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 9 22 265 24 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.83 1.00 1.37 337.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 9 23 266 1 -5.3 0.095 -9.000 -9.000 -999. 70. 14.6 0.0330 0.83 1.00 1.52 321.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 9 23 266 2 -3.7 0.080 -9.000 -9.000 -999. 55. 12.7 0.0380 0.83 1.00 1.23 338.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 9 23 266 3 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.83 1.00 1.37 352.0 10.0 287.0 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
15 9 23 266 4 -2.6 0.070 -9.000 -9.000 -999. 44. 11.5 0.0330 0.83 1.00 1.03 307.0 10.0 287.0 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 9 23 266 5 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.83 1.00 1.14 310.0 10.0 285.9 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
15 9 23 266 6 -2.0 0.064 -9.000 -9.000 -999. 39. 11.7 0.0310 0.83 1.00 0.86 19.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 9 23 266 7 -4.7 0.097 -9.000 -9.000 -999. 73. 17.6 0.0330 0.83 0.48 1.54 36.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 9 23 266 8 8.2 0.128 0.288 0.023 105. 110. -23.1 0.0310 0.83 0.27 1.62 1.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
15 9 23 266 9 86.5 0.135 1.001 0.030 418. 119. -2.6 0.0310 0.83 0.20 1.33 28.0 10.0 288.1 2.0 0
0.00 80. 1011. 7 ADJ-A1 NoSubs
15 9 23 266 10 148.5 0.150 1.252 0.027 476. 139. -2.0 0.0340 0.83 0.18 1.38 136.0 10.0 292.0 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
15 9 23 266 11 182.3 0.170 1.367 0.024 506. 169. -2.4 0.0340 0.83 0.18 1.62 138.0 10.0 296.4 2.0 0

0.00 45. 1010. 0 ADJ-A1 NoSubs
15 9 23 266 12 199.4 0.183 1.426 0.021 524. 188. -2.8 0.0370 0.83 0.17 1.74 153.0 10.0 298.8 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
15 9 23 266 13 199.5 0.286 1.443 0.018 542. 367. -10.5 0.0230 0.83 0.17 3.57 186.0 10.0 299.2 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
15 9 23 266 14 182.8 0.320 1.419 0.015 563. 434. -16.1 0.0230 0.83 0.18 4.15 192.0 10.0 298.8 2.0 0
0.00 34. 1008. 0 ADJ-A1 NoSubs
15 9 23 266 15 150.7 0.312 1.348 0.013 584. 419. -18.2 0.0370 0.83 0.18 3.73 166.0 10.0 298.8 2.0 0
0.00 31. 1008. 0 ADJ-A1 NoSubs
15 9 23 266 16 103.1 0.290 1.197 0.012 598. 376. -21.3 0.0370 0.83 0.20 3.52 160.0 10.0 297.0 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
15 9 23 266 17 43.5 0.234 0.900 0.012 603. 273. -26.6 0.0370 0.83 0.27 2.89 164.0 10.0 294.9 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
15 9 23 266 18 -10.3 0.176 -9.000 -9.000 -999. 178. 47.2 0.0370 0.83 0.49 2.61 176.0 10.0 293.1 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
15 9 23 266 19 -4.8 0.091 -9.000 -9.000 -999. 69. 14.3 0.0380 0.83 1.00 1.42 220.0 10.0 292.0 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
15 9 23 266 20 -6.5 0.105 -9.000 -9.000 -999. 81. 15.8 0.0230 0.83 1.00 1.77 208.0 10.0 289.9 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 9 23 266 21 -4.8 0.090 -9.000 -9.000 -999. 65. 13.7 0.0260 0.83 1.00 1.50 275.0 10.0 290.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
15 9 23 266 22 -8.0 0.118 -9.000 -9.000 -999. 97. 18.3 0.0330 0.83 1.00 1.86 322.0 10.0 289.2 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
15 9 23 266 23 -6.4 0.105 -9.000 -9.000 -999. 81. 16.2 0.0330 0.83 1.00 1.67 304.0 10.0 288.8 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
15 9 23 266 24 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.83 1.00 1.25 310.0 10.0 288.1 2.0 0
0.00 68. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 1 -4.5 0.088 -9.000 -9.000 -999. 62. 13.5 0.0330 0.83 1.00 1.40 329.0 10.0 287.5 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 2 -6.0 0.102 -9.000 -9.000 -999. 78. 15.6 0.0330 0.83 1.00 1.62 300.0 10.0 287.5 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 3 -9.4 0.128 -9.000 -9.000 -999. 110. 20.0 0.0330 0.83 1.00 2.01 316.0 10.0 288.1 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 4 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0290 0.83 1.00 1.54 248.0 10.0 288.1 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 5 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0380 0.83 1.00 1.62 331.0 10.0 287.5 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 6 -3.2 0.075 -9.000 -9.000 -999. 49. 11.7 0.0290 0.83 1.00 1.18 263.0 10.0 287.0 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 7 -10.6 0.173 -9.000 -9.000 -999. 172. 43.7 0.0330 0.83 0.49 2.62 309.0 10.0 287.5 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 8 43.0 0.150 0.535 0.020 128. 140. -7.1 0.0380 0.83 0.27 1.62 213.0 10.0 292.0 2.0 0
0.00 53. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 9 103.2 0.146 0.858 0.017 220. 134. -2.7 0.0290 0.83 0.20 1.47 62.0 10.0 296.4 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
15 9 24 267 10 152.0 0.180 1.138 0.015 349. 184. -3.5 0.0230 0.83 0.18 1.98 183.0 10.0 300.9 2.0 0
0.00 30. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 11 186.2 0.169 1.346 0.012 471. 166. -2.3 0.0340 0.83 0.18 1.59 147.0 10.0 304.9 2.0 0
0.00 23. 1008. 0 ADJ-A1 NoSubs
15 9 24 267 12 202.9 0.252 1.444 0.009 534. 304. -7.1 0.0370 0.83 0.17 2.73 158.0 10.0 305.9 2.0 0
0.00 23. 1007. 0 ADJ-A1 NoSubs
15 9 24 267 13 205.7 0.248 1.552 0.005 653. 296. -6.6 0.0230 0.83 0.17 2.95 191.0 10.0 309.9 2.0 0
0.00 17. 1006. 0 ADJ-A1 NoSubs
15 9 24 267 14 188.8 0.327 1.579 0.005 748. 449. -16.6 0.0290 0.83 0.18 4.07 244.0 10.0 309.3 2.0 0

0.00 15. 1005. 0 ADJ-A1 Sub_TT
15 9 24 267 15 156.1 0.337 1.536 0.005 834. 468. -21.9 0.0290 0.83 0.18 4.29 246.0 10.0 308.8 2.0 0
0.00 14. 1004. 0 ADJ-A1 NoSubs
15 9 24 267 16 103.3 0.328 1.361 0.005 875. 451. -30.7 0.0370 0.83 0.20 4.09 159.0 10.0 300.4 2.0 0
0.00 43. 1004. 0 ADJ-A1 NoSubs
15 9 24 267 17 43.1 0.295 1.024 0.005 893. 384. -53.1 0.0370 0.83 0.27 3.80 160.0 10.0 297.5 2.0 0
0.00 53. 1005. 0 ADJ-A1 NoSubs
15 9 24 267 18 -15.6 0.251 -9.000 -9.000 -999. 303. 91.3 0.0370 0.83 0.50 3.68 169.0 10.0 293.8 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
15 9 24 267 19 -17.9 0.186 -9.000 -9.000 -999. 194. 38.1 0.0340 0.83 1.00 2.83 149.0 10.0 293.1 2.0 0
0.00 64. 1005. 0 ADJ-A1 NoSubs
15 9 24 267 20 -11.4 0.143 -9.000 -9.000 -999. 130. 23.0 0.0370 0.83 1.00 2.18 150.0 10.0 292.5 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
15 9 24 267 21 -6.8 0.109 -9.000 -9.000 -999. 87. 17.2 0.0380 0.83 1.00 1.69 224.0 10.0 292.5 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
15 9 24 267 22 -10.7 0.138 -9.000 -9.000 -999. 123. 21.9 0.0330 0.83 1.00 2.15 311.0 10.0 292.0 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
15 9 24 267 23 -10.7 0.138 -9.000 -9.000 -999. 123. 21.8 0.0330 0.83 1.00 2.15 315.0 10.0 291.4 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
15 9 24 267 24 -2.6 0.070 -9.000 -9.000 -999. 46. 11.6 0.0330 0.83 1.00 1.04 316.0 10.0 290.4 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 1 -2.8 0.070 -9.000 -9.000 -999. 44. 11.1 0.0230 0.83 1.00 1.13 195.0 10.0 290.4 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 2 -2.7 0.069 -9.000 -9.000 -999. 44. 11.0 0.0230 0.83 1.00 1.11 184.0 10.0 289.9 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 3 -5.0 0.093 -9.000 -9.000 -999. 68. 14.5 0.0380 0.83 1.00 1.45 344.0 10.0 288.8 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 4 -9.7 0.130 -9.000 -9.000 -999. 113. 20.4 0.0330 0.83 1.00 2.04 303.0 10.0 288.8 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 5 -7.5 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.81 305.0 10.0 288.1 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 6 -2.4 0.067 -9.000 -9.000 -999. 42. 11.1 0.0260 0.83 1.00 1.01 288.0 10.0 288.1 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
15 9 25 268 7 -2.8 0.079 -9.000 -9.000 -999. 53. 15.5 0.0380 0.83 0.49 1.23 332.0 10.0 290.4 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 9 25 268 8 42.7 0.140 0.573 0.025 158. 126. -5.8 0.0330 0.83 0.27 1.52 307.0 10.0 293.8 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
15 9 25 268 9 103.1 0.137 0.885 0.022 242. 122. -2.3 0.0300 0.83 0.20 1.33 112.0 10.0 298.1 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
15 9 25 268 10 150.6 0.195 1.070 0.017 293. 206. -4.4 0.0300 0.83 0.18 2.08 118.0 10.0 300.4 2.0 0
0.00 43. 1008. 0 ADJ-A1 NoSubs
15 9 25 268 11 182.2 0.290 1.200 0.012 341. 374. -12.0 0.0370 0.83 0.18 3.32 157.0 10.0 300.4 2.0 0
0.00 43. 1007. 0 ADJ-A1 NoSubs
15 9 25 268 12 197.3 0.338 1.357 0.010 456. 472. -17.7 0.0370 0.83 0.17 4.03 176.0 10.0 299.2 2.0 0
0.00 46. 1007. 0 ADJ-A1 NoSubs
15 9 25 268 13 197.9 0.306 1.453 0.009 558. 407. -13.0 0.0370 0.83 0.17 3.54 163.0 10.0 300.9 2.0 0
0.00 36. 1007. 0 ADJ-A1 NoSubs
15 9 25 268 14 180.9 0.331 1.480 0.007 644. 457. -18.0 0.0370 0.83 0.18 3.95 157.0 10.0 300.4 2.0 0
0.00 41. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 15 147.9 0.328 1.461 0.006 757. 452. -21.5 0.0340 0.83 0.18 4.05 136.0 10.0 299.2 2.0 0
0.00 46. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 16 100.0 0.336 1.323 0.005 832. 468. -34.0 0.0340 0.83 0.20 4.29 144.0 10.0 297.5 2.0 0
0.00 51. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 17 40.8 0.296 0.992 0.005 858. 387. -56.8 0.0370 0.83 0.28 3.83 157.0 10.0 296.4 2.0 0

0.00 51. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 18 -12.6 0.195 -9.000 -9.000 -999. 211. 52.7 0.0340 0.83 0.51 2.93 149.0 10.0 294.9 2.0 0
0.00 54. 1006. 0 ADJ-A1 NoSubs
15 9 25 268 19 -15.2 0.166 -9.000 -9.000 -999. 162. 30.2 0.0370 0.83 1.00 2.50 164.0 10.0 293.1 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
15 9 25 268 20 -11.5 0.143 -9.000 -9.000 -999. 130. 22.7 0.0340 0.83 1.00 2.21 136.0 10.0 291.4 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
15 9 25 268 21 -1.9 0.063 -9.000 -9.000 -999. 41. 12.2 0.0380 0.83 1.00 0.80 331.0 10.0 291.4 2.0 0
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15 9 25 268 22 -5.3 0.096 -9.000 -9.000 -999. 71. 14.8 0.0330 0.83 1.00 1.53 326.0 10.0 290.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
15 9 25 268 23 -5.3 0.094 -9.000 -9.000 -999. 69. 14.3 0.0260 0.83 1.00 1.57 289.0 10.0 289.9 2.0 0
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15 9 25 268 24 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0330 0.83 1.00 1.45 318.0 10.0 288.8 2.0 0
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15 9 26 269 1 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.37 301.0 10.0 288.1 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 9 26 269 2 -3.4 0.077 -9.000 -9.000 -999. 51. 11.8 0.0260 0.83 1.00 1.25 297.0 10.0 286.4 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
15 9 26 269 3 -3.2 0.075 -9.000 -9.000 -999. 49. 11.6 0.0260 0.83 1.00 1.21 286.0 10.0 287.5 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
15 9 26 269 4 -6.2 0.103 -9.000 -9.000 -999. 80. 15.9 0.0330 0.83 1.00 1.65 307.0 10.0 287.5 2.0 0
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15 9 26 269 5 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0330 0.83 1.00 1.69 320.0 10.0 287.0 2.0 0
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15 9 26 269 6 -9.8 0.131 -9.000 -9.000 -999. 113. 20.5 0.0330 0.83 1.00 2.05 312.0 10.0 287.5 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
15 9 26 269 7 -3.1 0.080 -9.000 -9.000 -999. 55. 14.9 0.0260 0.83 0.50 1.33 282.0 10.0 289.2 2.0 0
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15 9 26 269 8 41.3 0.099 0.641 0.025 229. 75. -2.1 0.0340 0.83 0.27 0.92 128.0 10.0 292.5 2.0 0
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15 9 26 269 9 100.6 0.142 0.951 0.025 308. 128. -2.6 0.0370 0.83 0.20 1.33 153.0 10.0 295.4 2.0 0
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15 9 26 269 10 148.6 0.205 1.153 0.022 371. 223. -5.2 0.0340 0.83 0.18 2.18 139.0 10.0 298.8 2.0 0
0.00 41. 1008. 0 ADJ-A1 NoSubs
15 9 26 269 11 180.7 0.212 1.295 0.018 432. 235. -4.8 0.0370 0.83 0.18 2.18 156.0 10.0 299.9 2.0 0
0.00 38. 1007. 0 ADJ-A1 NoSubs
15 9 26 269 12 197.0 0.247 1.391 0.015 491. 294. -6.9 0.0230 0.83 0.17 2.95 185.0 10.0 300.9 2.0 0
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15 9 26 269 13 196.5 0.293 1.436 0.013 542. 381. -11.5 0.0230 0.83 0.17 3.69 187.0 10.0 300.9 2.0 0
0.00 33. 1006. 0 ADJ-A1 NoSubs
15 9 26 269 14 179.2 0.339 1.442 0.011 601. 473. -19.5 0.0370 0.83 0.18 4.07 163.0 10.0 299.9 2.0 0
0.00 39. 1005. 0 ADJ-A1 NoSubs
15 9 26 269 15 144.9 0.340 1.391 0.010 666. 477. -24.4 0.0370 0.83 0.18 4.17 151.0 10.0 296.4 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
15 9 26 269 16 97.8 0.312 1.238 0.009 696. 418. -27.7 0.0340 0.83 0.21 3.92 148.0 10.0 296.4 2.0 0
0.00 54. 1004. 0 ADJ-A1 NoSubs
15 9 26 269 17 38.1 0.301 0.908 0.009 703. 396. -63.8 0.0340 0.83 0.28 3.98 140.0 10.0 294.2 2.0 0
0.00 63. 1004. 0 ADJ-A1 NoSubs
15 9 26 269 18 -16.6 0.237 -9.000 -9.000 -999. 278. 71.8 0.0340 0.83 0.52 3.54 136.0 10.0 292.0 2.0 0
0.00 69. 1004. 0 ADJ-A1 NoSubs
15 9 26 269 19 -18.9 0.196 -9.000 -9.000 -999. 208. 42.0 0.0300 0.83 1.00 3.03 118.0 10.0 291.4 2.0 0
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15 9 26 269 20 -6.4 0.105 -9.000 -9.000 -999. 85. 16.2 0.0300 0.83 1.00 1.70 95.0 10.0 292.0 2.0 0

0.00 69. 1005. 0 ADJ-A1 NoSubs
15 9 26 269 21 -4.3 0.086 -9.000 -9.000 -999. 60. 13.2 0.0290 0.83 1.00 1.40 86.0 10.0 290.9 2.0 0
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15 9 26 269 22 -3.8 0.081 -9.000 -9.000 -999. 56. 12.6 0.0310 0.83 1.00 1.30 15.0 10.0 290.4 2.0 0
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15 9 26 269 23 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0330 0.83 1.00 1.42 316.0 10.0 289.9 2.0 0
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15 9 26 269 24 -7.3 0.113 -9.000 -9.000 -999. 91. 17.5 0.0330 0.83 1.00 1.79 311.0 10.0 289.2 2.0 0
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15 9 27 270 1 -2.8 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.83 1.00 1.09 301.0 10.0 288.8 2.0 0
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15 9 27 270 2 -2.6 0.069 -9.000 -9.000 -999. 44. 11.3 0.0290 0.83 1.00 1.06 267.0 10.0 288.1 2.0 0
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15 9 27 270 3 -3.3 0.076 -9.000 -9.000 -999. 50. 11.7 0.0260 0.83 1.00 1.23 270.0 10.0 286.4 2.0 0
0.00 83. 1004. 5 ADJ-A1 NoSubs
15 9 27 270 4 -2.2 0.065 -9.000 -9.000 -999. 39. 10.9 0.0230 0.83 1.00 0.97 200.0 10.0 287.5 2.0 0
0.00 93. 1004. 10 ADJ-A1 NoSubs
15 9 27 270 5 -4.6 0.089 -9.000 -9.000 -999. 63. 13.5 0.0290 0.83 1.00 1.45 60.0 10.0 287.5 2.0 0
0.00 93. 1004. 10 ADJ-A1 NoSubs
15 9 27 270 6 -2.6 0.069 -9.000 -9.000 -999. 43. 11.4 0.0310 0.83 1.00 1.03 6.0 10.0 287.0 2.0 0
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15 9 27 270 7 -2.1 0.066 -9.000 -9.000 -999. 40. 11.8 0.0310 0.83 0.50 1.03 2.0 10.0 287.5 2.0 0
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15 9 27 270 8 7.8 0.075 0.303 0.027 128. 50. -5.0 0.0300 0.83 0.27 0.82 91.0 10.0 288.1 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
15 9 27 270 9 83.6 0.116 0.869 0.026 281. 95. -1.7 0.0290 0.83 0.20 1.08 243.0 10.0 288.8 2.0 0
0.00 89. 1006. 7 ADJ-A1 NoSubs
15 9 27 270 10 145.2 0.163 1.096 0.022 326. 157. -2.7 0.0340 0.83 0.18 1.57 143.0 10.0 294.2 2.0 0
0.00 63. 1005. 0 ADJ-A1 NoSubs
15 9 27 270 11 178.0 0.230 1.250 0.019 394. 265. -6.1 0.0370 0.83 0.18 2.45 164.0 10.0 297.0 2.0 0
0.00 50. 1005. 0 ADJ-A1 NoSubs
15 9 27 270 12 194.2 0.276 1.355 0.016 459. 348. -9.7 0.0230 0.83 0.17 3.42 184.0 10.0 298.1 2.0 0
0.00 46. 1005. 0 ADJ-A1 NoSubs
15 9 27 270 13 192.7 0.325 1.390 0.013 499. 444. -15.9 0.0370 0.83 0.17 3.83 169.0 10.0 296.4 2.0 0
0.00 54. 1004. 0 ADJ-A1 NoSubs
15 9 27 270 14 175.6 0.315 1.377 0.011 533. 425. -16.0 0.0230 0.83 0.18 4.09 196.0 10.0 295.9 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
15 9 27 270 15 142.5 0.275 1.305 0.010 559. 348. -13.1 0.0380 0.83 0.18 3.17 214.0 10.0 294.9 2.0 0
0.00 58. 1004. 0 ADJ-A1 NoSubs
15 9 27 270 16 94.3 0.273 1.147 0.008 574. 343. -19.4 0.0230 0.83 0.21 3.61 209.0 10.0 292.5 2.0 0
0.00 72. 1004. 0 ADJ-A1 NoSubs
15 9 27 270 17 35.7 0.208 0.833 0.008 580. 229. -22.6 0.0230 0.83 0.28 2.78 202.0 10.0 292.5 2.0 0
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15 9 27 270 18 -8.7 0.131 -9.000 -9.000 -999. 116. 23.3 0.0230 0.83 0.54 2.16 195.0 10.0 291.4 2.0 0
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15 9 27 270 19 -9.1 0.124 -9.000 -9.000 -999. 105. 19.0 0.0230 0.83 1.00 2.08 198.0 10.0 290.4 2.0 0
0.00 83. 1004. 0 ADJ-A1 NoSubs
15 9 27 270 20 -3.7 0.079 -9.000 -9.000 -999. 54. 12.0 0.0230 0.83 1.00 1.33 202.0 10.0 289.9 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
15 9 27 270 21 -7.6 0.116 -9.000 -9.000 -999. 95. 18.3 0.0380 0.83 1.00 1.79 211.0 10.0 290.4 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
15 9 27 270 22 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0370 0.83 1.00 1.21 160.0 10.0 289.9 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
15 9 27 270 23 -2.1 0.065 -9.000 -9.000 -999. 39. 11.4 0.0290 0.83 1.00 0.92 62.0 10.0 290.4 2.0 0

0.00 83. 1005. 10 ADJ-A1 NoSubs
15 9 27 270 24 -3.3 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.83 1.00 1.21 19.0 10.0 290.4 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
15 9 28 271 1 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0330 0.83 1.00 1.16 46.0 10.0 289.9 2.0 0
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15 9 28 271 2 -3.1 0.074 -9.000 -9.000 -999. 48. 11.9 0.0330 0.83 1.00 1.14 43.0 10.0 289.9 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
15 9 28 271 3 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0300 0.83 1.00 1.26 109.0 10.0 289.9 2.0 0
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15 9 28 271 4 -7.1 0.111 -9.000 -9.000 -999. 89. 17.2 0.0340 0.83 1.00 1.75 128.0 10.0 289.9 2.0 0
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15 9 28 271 5 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0340 0.83 1.00 1.33 146.0 10.0 289.9 2.0 0
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15 9 28 271 6 -6.2 0.104 -9.000 -9.000 -999. 81. 16.3 0.0380 0.83 1.00 1.62 345.0 10.0 289.9 2.0 0
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15 9 28 271 7 -3.6 0.085 -9.000 -9.000 -999. 59. 15.2 0.0370 0.83 0.51 1.33 172.0 10.0 289.9 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
15 9 28 271 8 8.3 0.123 0.268 0.025 84. 103. -20.0 0.0370 0.83 0.28 1.48 176.0 10.0 290.4 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
15 9 28 271 9 23.0 0.126 0.436 0.025 129. 107. -7.8 0.0230 0.83 0.20 1.53 199.0 10.0 290.9 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
15 9 28 271 10 143.4 0.164 0.992 0.022 245. 159. -2.8 0.0300 0.83 0.18 1.64 91.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
15 9 28 271 11 175.0 0.152 1.200 0.018 355. 142. -1.8 0.0340 0.83 0.18 1.37 135.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
15 9 28 271 12 190.5 0.257 1.326 0.015 440. 312. -8.0 0.0230 0.83 0.17 3.12 188.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
15 9 28 271 13 190.3 0.355 1.373 0.011 489. 507. -21.1 0.0380 0.83 0.17 4.27 212.0 10.0 294.2 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
15 9 28 271 14 173.1 0.341 1.365 0.010 528. 479. -20.7 0.0380 0.83 0.18 4.10 222.0 10.0 293.8 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
15 9 28 271 15 140.2 0.331 1.319 0.008 588. 458. -23.3 0.0380 0.83 0.18 4.02 227.0 10.0 293.1 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
15 9 28 271 16 92.7 0.305 1.171 0.007 623. 405. -27.5 0.0380 0.83 0.21 3.75 215.0 10.0 292.5 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 9 28 271 17 33.5 0.302 0.840 0.007 634. 399. -74.1 0.0380 0.83 0.29 3.95 228.0 10.0 291.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
15 9 28 271 18 -13.6 0.176 -9.000 -9.000 -999. 187. 36.1 0.0380 0.83 0.55 2.62 223.0 10.0 290.4 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
15 9 28 271 19 -10.8 0.139 -9.000 -9.000 -999. 124. 22.1 0.0380 0.83 1.00 2.11 232.0 10.0 289.9 2.0 0
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15 9 28 271 20 -3.6 0.080 -9.000 -9.000 -999. 55. 12.7 0.0380 0.83 1.00 1.23 224.0 10.0 290.4 2.0 0
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15 9 28 271 21 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0310 0.83 1.00 1.26 4.0 10.0 290.4 2.0 0
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15 9 28 271 22 -3.5 0.077 -9.000 -9.000 -999. 51. 11.9 0.0260 0.83 1.00 1.26 274.0 10.0 289.9 2.0 0
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15 9 28 271 23 -3.0 0.074 -9.000 -9.000 -999. 48. 12.1 0.0380 0.83 1.00 1.11 344.0 10.0 290.4 2.0 0
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15 9 28 271 24 -5.3 0.096 -9.000 -9.000 -999. 72. 15.0 0.0380 0.83 1.00 1.50 219.0 10.0 290.4 2.0 0
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15 9 29 272 1 -3.8 0.081 -9.000 -9.000 -999. 55. 12.5 0.0290 0.83 1.00 1.31 248.0 10.0 290.4 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
15 9 29 272 2 -3.1 0.074 -9.000 -9.000 -999. 48. 11.9 0.0330 0.83 1.00 1.14 316.0 10.0 289.9 2.0 0

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15 9 29 272 3 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0330 0.83 1.00 1.50 301.0 10.0 289.9 2.0 0
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15 9 29 272 4 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.83 1.00 1.09 308.0 10.0 289.2 2.0 0
0.00 80. 1008. 7 ADJ-A1 NoSubs
15 9 29 272 5 -3.8 0.081 -9.000 -9.000 -999. 55. 12.3 0.0260 0.83 1.00 1.33 297.0 10.0 289.2 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
15 9 29 272 6 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.83 1.00 1.28 309.0 10.0 289.2 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
15 9 29 272 7 -5.9 0.107 -9.000 -9.000 -999. 84. 18.9 0.0330 0.83 0.52 1.69 303.0 10.0 288.8 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
15 9 29 272 8 37.4 0.157 0.896 0.024 692. 150. -9.4 0.0380 0.83 0.28 1.75 330.0 10.0 290.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
15 9 29 272 9 95.8 0.167 1.229 0.023 700. 164. -4.4 0.0317 0.83 0.21 1.76 999.0 10.0 291.4 2.0 0
0.00 67. 1011. 0 ADJ-SFC NoSubs
15 9 29 272 10 142.0 -9.000 -9.000 -9.000 709. -999. -99999.0 0.0317 0.83 0.18 0.00 0.0 10.0 292.0 2.0
0 0.00 64. 1011. 0 ADJ-SFC NoSubs
15 9 29 272 11 173.5 0.251 1.511 0.019 717. 302. -8.2 0.0317 0.83 0.18 2.86 999.0 10.0 292.5 2.0 0
0.00 62. 1010. 0 ADJ-SFC NoSubs
15 9 29 272 12 189.0 0.364 1.561 0.017 726. 526. -22.9 0.0230 0.83 0.17 4.86 196.0 10.0 292.5 2.0 0
0.00 60. 1010. 0 ADJ-SFC NoSubs
15 9 29 272 13 187.7 0.245 1.564 0.015 734. 299. -7.0 0.0260 0.83 0.17 2.86 294.0 10.0 291.4 2.0 0
0.00 67. 1009. 0 ADJ-SFC NoSubs
15 9 29 272 14 171.7 0.220 1.523 0.013 742. 249. -5.6 0.0340 0.83 0.18 2.36 149.0 10.0 293.8 2.0 0
0.00 58. 1009. 0 ADJ-SFC NoSubs
15 9 29 272 15 138.6 0.243 1.422 0.011 748. 288. -9.3 0.0290 0.83 0.18 2.86 256.0 10.0 293.1 2.0 0
0.00 60. 1009. 0 ADJ-SFC NoSubs
15 9 29 272 16 91.5 0.227 1.241 0.010 752. 260. -11.5 0.0230 0.83 0.21 2.86 196.0 10.0 293.8 2.0 0
0.00 60. 1009. 0 ADJ-SFC NoSubs
15 9 29 272 17 32.3 0.212 0.878 0.010 754. 234. -26.4 0.0230 0.83 0.29 2.86 198.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-SFC NoSubs
15 9 29 272 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.56 0.00 0.0 10.0 291.4 2.0
0 0.00 67. 1009. 0 ADJ-SFC NoSubs
15 9 29 272 19 -5.8 0.100 -9.000 -9.000 -999. 76. 15.3 0.0300 0.83 1.00 1.62 112.0 10.0 290.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
15 9 29 272 20 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0300 0.83 1.00 1.67 112.0 10.0 290.4 2.0 0
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15 9 29 272 21 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0300 0.83 1.00 1.99 103.0 10.0 290.4 2.0 0
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15 9 29 272 22 -5.6 0.098 -9.000 -9.000 -999. 74. 15.0 0.0300 0.83 1.00 1.59 109.0 10.0 289.9 2.0 0
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15 9 29 272 23 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0330 0.83 1.00 1.47 47.0 10.0 289.9 2.0 0
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15 9 29 272 24 -5.3 0.095 -9.000 -9.000 -999. 70. 14.5 0.0310 0.83 1.00 1.53 16.0 10.0 289.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
15 9 30 273 1 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0330 0.83 1.00 1.50 38.0 10.0 289.9 2.0 0
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15 9 30 273 2 -5.4 0.097 -9.000 -9.000 -999. 72. 15.1 0.0380 0.83 1.00 1.51 355.0 10.0 289.2 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
15 9 30 273 3 -5.3 0.095 -9.000 -9.000 -999. 70. 14.7 0.0330 0.83 1.00 1.52 307.0 10.0 289.2 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
15 9 30 273 4 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0330 0.83 1.00 1.08 316.0 10.0 289.2 2.0 0
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15 9 30 273 5 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0380 0.83 1.00 1.40 354.0 10.0 288.8 2.0 0

0.00 83. 1009. 0 ADJ-A1 NoSubs
15 9 30 273 6 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0330 0.83 1.00 1.59 315.0 10.0 289.2 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 9 30 273 7 -5.9 0.110 -9.000 -9.000 -999. 87. 20.1 0.0330 0.83 0.52 1.72 305.0 10.0 289.2 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
15 9 30 273 8 36.4 0.133 0.761 0.018 436. 117. -5.9 0.0300 0.83 0.28 1.48 119.0 10.0 290.4 2.0 0
0.00 75. 1011. 0 ADJ-A1 NoSubs
15 9 30 273 9 94.7 0.193 1.109 0.017 519. 203. -6.8 0.0330 0.83 0.21 2.13 43.0 10.0 291.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
15 9 30 273 10 141.9 0.160 1.289 0.016 544. 154. -2.6 0.0290 0.83 0.18 1.60 71.0 10.0 294.2 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
15 9 30 273 11 143.8 0.229 1.313 0.015 568. 264. -7.6 0.0300 0.83 0.18 2.62 90.0 10.0 295.4 2.0 0
0.00 48. 1010. 7 ADJ-A1 NoSubs
15 9 30 273 12 156.0 0.211 1.369 0.013 592. 233. -5.4 0.0300 0.83 0.17 2.32 114.0 10.0 295.9 2.0 0
0.00 48. 1009. 7 ADJ-A1 NoSubs
15 9 30 273 13 47.8 0.124 0.928 0.012 600. 108. -3.6 0.0310 0.83 0.17 1.28 5.0 10.0 296.4 2.0 0
0.00 51. 1008. 10 ADJ-A1 NoSubs
15 9 30 273 14 168.5 0.227 1.429 0.010 624. 259. -6.2 0.0260 0.83 0.18 2.61 277.0 10.0 297.0 2.0 0
0.00 49. 1008. 5 ADJ-A1 NoSubs
15 9 30 273 15 139.8 0.206 1.362 0.009 651. 225. -5.6 0.0260 0.83 0.18 2.35 296.0 10.0 298.8 2.0 0
0.00 38. 1007. 0 ADJ-A1 NoSubs
15 9 30 273 16 96.8 0.300 1.220 0.008 674. 395. -25.2 0.0290 0.83 0.21 3.87 250.0 10.0 297.5 2.0 0
0.00 36. 1008. 3 ADJ-A1 NoSubs
15 9 30 273 17 39.3 0.146 0.908 0.007 684. 152. -7.1 0.0290 0.83 0.29 1.67 251.0 10.0 297.0 2.0 0
0.00 35. 1008. 5 ADJ-A1 NoSubs
15 9 30 273 18 -9.3 0.135 -9.000 -9.000 -999. 120. 23.9 0.0340 0.83 0.57 2.09 149.0 10.0 295.9 2.0 0
0.00 40. 1007. 0 ADJ-A1 NoSubs
15 9 30 273 19 -21.4 0.222 -9.000 -9.000 -999. 251. 54.3 0.0370 0.83 1.00 3.30 156.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
15 9 30 273 20 -3.3 0.076 -9.000 -9.000 -999. 73. 12.0 0.0310 0.83 1.00 1.20 22.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
15 9 30 273 21 -4.3 0.085 -9.000 -9.000 -999. 60. 12.9 0.0230 0.83 1.00 1.45 188.0 10.0 292.0 2.0 0
0.00 72. 1008. 3 ADJ-A1 NoSubs
15 9 30 273 22 -8.0 0.119 -9.000 -9.000 -999. 98. 18.8 0.0370 0.83 1.00 1.84 172.0 10.0 290.9 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 9 30 273 23 -8.2 0.120 -9.000 -9.000 -999. 99. 18.8 0.0340 0.83 1.00 1.88 120.0 10.0 291.4 2.0 0
0.00 77. 1008. 7 ADJ-A1 NoSubs
15 9 30 273 24 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0330 0.83 1.00 1.31 35.0 10.0 290.9 2.0 0
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15 10 1 274 1 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0330 0.83 1.00 1.54 45.0 10.0 290.9 2.0 11
0.30 86. 1008. 7 ADJ-A1 NoSubs
15 10 1 274 2 -5.3 0.095 -9.000 -9.000 -999. 70. 14.7 0.0330 0.83 1.00 1.52 39.0 10.0 290.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
15 10 1 274 3 -7.8 0.116 -9.000 -9.000 -999. 94. 17.9 0.0300 0.83 1.00 1.86 91.0 10.0 290.4 2.0 11
0.30 86. 1007. 10 ADJ-A1 NoSubs
15 10 1 274 4 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0290 0.83 1.00 1.74 255.0 10.0 290.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
15 10 1 274 5 -4.3 0.086 -9.000 -9.000 -999. 60. 13.2 0.0310 0.83 1.00 1.38 13.0 10.0 289.9 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
15 10 1 274 6 -5.7 0.100 -9.000 -9.000 -999. 75. 15.5 0.0380 0.83 1.00 1.55 215.0 10.0 289.9 2.0 0
0.00 86. 1008. 5 ADJ-A1 NoSubs
15 10 1 274 7 -4.1 0.096 -9.000 -9.000 -999. 72. 19.7 0.0380 0.83 0.53 1.48 340.0 10.0 290.4 2.0 0
0.00 83. 1008. 5 ADJ-A1 NoSubs
15 10 1 274 8 35.9 0.135 0.605 0.007 222. 119. -6.2 0.0290 0.83 0.28 1.52 255.0 10.0 290.4 2.0 0

0.00 83. 1010. 7 ADJ-A1 NoSubs
15 10 1 274 9 22.0 0.130 0.542 0.007 260. 112. -8.9 0.0330 0.83 0.21 1.48 45.0 10.0 290.4 2.0 11
0.50 86. 1010. 10 ADJ-A1 NoSubs
15 10 1 274 10 117.4 0.132 1.100 0.006 409. 115. -1.8 0.0300 0.83 0.18 1.23 92.0 10.0 292.5 2.0 0
0.00 93. 1010. 7 ADJ-A1 NoSubs
15 10 1 274 11 43.1 0.134 0.815 0.005 453. 118. -5.1 0.0340 0.83 0.18 1.42 146.0 10.0 294.9 2.0 0
0.00 65. 1010. 10 ADJ-A1 NoSubs
15 10 1 274 12 154.7 0.245 1.437 0.008 692. 291. -8.5 0.0370 0.83 0.17 2.71 160.0 10.0 295.4 2.0 0
0.00 63. 1010. 7 ADJ-A1 NoSubs
15 10 1 274 13 187.2 0.309 1.624 0.007 825. 413. -14.2 0.0370 0.83 0.17 3.61 174.0 10.0 296.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
15 10 1 274 14 169.8 0.331 1.666 0.008 983. 456. -19.2 0.0230 0.83 0.18 4.36 208.0 10.0 295.9 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
15 10 1 274 15 136.5 0.364 1.578 0.008 1038. 528. -31.9 0.0380 0.83 0.19 4.53 237.0 10.0 295.4 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
15 10 1 274 16 88.7 0.320 1.382 0.007 1073. 435. -33.2 0.0290 0.83 0.21 4.20 241.0 10.0 294.9 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
15 10 1 274 17 29.5 0.275 0.960 0.007 1083. 348. -63.8 0.0380 0.83 0.30 3.57 227.0 10.0 293.8 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
15 10 1 274 18 -17.8 0.211 -9.000 -9.000 -999. 234. 48.9 0.0370 0.83 0.58 3.13 172.0 10.0 291.4 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 10 1 274 19 -12.9 0.150 -9.000 -9.000 -999. 141. 24.9 0.0300 0.83 1.00 2.37 105.0 10.0 291.4 2.0 0
0.00 80. 1010. 5 ADJ-A1 NoSubs
15 10 1 274 20 -13.6 0.154 -9.000 -9.000 -999. 145. 26.2 0.0290 0.83 1.00 2.44 83.0 10.0 291.4 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
15 10 1 274 21 -10.0 0.132 -9.000 -9.000 -999. 115. 20.6 0.0290 0.83 1.00 2.11 85.0 10.0 290.9 2.0 0
0.00 80. 1011. 3 ADJ-A1 NoSubs
15 10 1 274 22 -7.1 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.83 1.00 1.76 329.0 10.0 289.9 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
15 10 1 274 23 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0260 0.83 1.00 1.55 281.0 10.0 290.9 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
15 10 1 274 24 -3.1 0.074 -9.000 -9.000 -999. 49. 11.8 0.0310 0.83 1.00 1.16 8.0 10.0 290.4 2.0 0
0.00 83. 1012. 3 ADJ-A1 NoSubs
15 10 2 275 1 -4.6 0.089 -9.000 -9.000 -999. 63. 13.9 0.0380 0.83 1.00 1.38 331.0 10.0 288.8 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
15 10 2 275 2 -7.1 0.111 -9.000 -9.000 -999. 89. 17.4 0.0380 0.83 1.00 1.72 332.0 10.0 288.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 10 2 275 3 -9.3 0.126 -9.000 -9.000 -999. 107. 19.3 0.0260 0.83 1.00 2.06 296.0 10.0 287.5 2.0 0
0.00 89. 1011. 3 ADJ-A1 NoSubs
15 10 2 275 4 -7.2 0.110 -9.000 -9.000 -999. 88. 16.7 0.0260 0.83 1.00 1.82 289.0 10.0 287.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
15 10 2 275 5 -8.7 0.122 -9.000 -9.000 -999. 103. 19.1 0.0330 0.83 1.00 1.93 314.0 10.0 287.0 2.0 0
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0.00 86. 1012. 0 ADJ-A1 NoSubs
15 10 2 275 7 -3.4 0.080 -9.000 -9.000 -999. 55. 13.7 0.0380 0.83 0.53 1.25 330.0 10.0 287.5 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
15 10 2 275 8 6.9 0.076 0.348 0.015 219. 50. -5.7 0.0300 0.83 0.28 0.84 101.0 10.0 289.2 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
15 10 2 275 9 21.3 0.115 0.518 0.014 235. 94. -6.4 0.0290 0.83 0.21 1.30 67.0 10.0 289.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
15 10 2 275 10 33.2 0.138 0.619 0.013 258. 123. -7.2 0.0340 0.83 0.18 1.53 147.0 10.0 290.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
15 10 2 275 11 41.8 0.146 0.691 0.012 284. 134. -6.7 0.0340 0.83 0.18 1.60 129.0 10.0 292.5 2.0 0

0.00 72. 1011. 10 ADJ-A1 NoSubs
15 10 2 275 12 186.3 0.189 1.331 0.010 456. 197. -3.3 0.0370 0.83 0.17 1.84 170.0 10.0 295.4 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
15 10 2 275 13 185.8 0.284 1.370 0.007 499. 363. -11.1 0.0370 0.83 0.17 3.23 158.0 10.0 296.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
15 10 2 275 14 168.8 0.289 1.410 0.005 597. 373. -12.9 0.0370 0.83 0.18 3.34 173.0 10.0 297.0 2.0 0
0.00 50. 1008. 0 ADJ-A1 NoSubs
15 10 2 275 15 134.6 0.299 1.418 0.005 763. 392. -17.8 0.0370 0.83 0.19 3.56 172.0 10.0 294.9 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
15 10 2 275 16 87.0 0.243 1.276 0.005 857. 289. -14.8 0.0340 0.83 0.21 2.90 122.0 10.0 294.9 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
15 10 2 275 17 27.5 0.280 0.877 0.005 880. 356. -71.6 0.0340 0.83 0.30 3.73 131.0 10.0 293.1 2.0 0
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15 10 2 275 18 -22.3 0.258 -9.000 -9.000 -999. 315. 73.4 0.0340 0.83 0.60 3.86 132.0 10.0 290.9 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
15 10 2 275 19 -19.6 0.202 -9.000 -9.000 -999. 219. 45.1 0.0290 0.83 1.00 3.15 88.0 10.0 290.4 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
15 10 2 275 20 -10.5 0.135 -9.000 -9.000 -999. 120. 21.1 0.0290 0.83 1.00 2.16 74.0 10.0 289.9 2.0 0
0.00 80. 1007. 4 ADJ-A1 NoSubs
15 10 2 275 21 -12.9 0.150 -9.000 -9.000 -999. 140. 24.8 0.0290 0.83 1.00 2.38 79.0 10.0 289.9 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
15 10 2 275 22 -8.7 0.123 -9.000 -9.000 -999. 104. 19.3 0.0330 0.83 1.00 1.94 53.0 10.0 289.2 2.0 0
0.00 83. 1006. 2 ADJ-A1 NoSubs
15 10 2 275 23 -4.5 0.089 -9.000 -9.000 -999. 64. 13.8 0.0380 0.83 1.00 1.38 348.0 10.0 288.1 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
15 10 2 275 24 -6.4 0.106 -9.000 -9.000 -999. 82. 16.4 0.0380 0.83 1.00 1.64 334.0 10.0 287.0 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
15 10 3 276 1 -4.4 0.087 -9.000 -9.000 -999. 61. 13.4 0.0330 0.83 1.00 1.38 308.0 10.0 287.5 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
15 10 3 276 2 -5.5 0.097 -9.000 -9.000 -999. 72. 14.9 0.0330 0.83 1.00 1.55 329.0 10.0 287.5 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
15 10 3 276 3 -3.6 0.080 -9.000 -9.000 -999. 55. 12.7 0.0380 0.83 1.00 1.23 345.0 10.0 288.1 2.0 0
0.00 89. 1003. 10 ADJ-A1 NoSubs
15 10 3 276 4 -4.9 0.092 -9.000 -9.000 -999. 67. 14.0 0.0310 0.83 1.00 1.48 17.0 10.0 288.1 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
15 10 3 276 5 -7.4 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.83 1.00 1.76 348.0 10.0 287.5 2.0 0
0.00 93. 1002. 10 ADJ-A1 NoSubs
15 10 3 276 6 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.83 1.00 1.48 327.0 10.0 287.5 2.0 0
0.00 93. 1002. 10 ADJ-A1 NoSubs
15 10 3 276 7 -2.4 0.067 -9.000 -9.000 -999. 42. 11.5 0.0260 0.83 0.54 1.08 296.0 10.0 288.1 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
15 10 3 276 8 6.3 0.103 0.211 0.023 53. 80. -15.8 0.0260 0.83 0.29 1.31 285.0 10.0 288.1 2.0 0
0.00 93. 1002. 10 ADJ-A1 NoSubs
15 10 3 276 9 20.9 0.123 0.426 0.025 132. 104. -8.0 0.0230 0.83 0.21 1.50 182.0 10.0 288.8 2.0 0
0.00 86. 1001. 10 ADJ-A1 NoSubs
15 10 3 276 10 32.7 0.122 0.571 0.025 203. 103. -5.0 0.0380 0.83 0.18 1.26 211.0 10.0 289.9 2.0 0
0.00 77. 1000. 10 ADJ-A1 NoSubs
15 10 3 276 11 40.9 0.179 0.674 0.024 267. 182. -12.5 0.0380 0.83 0.18 2.05 239.0 10.0 290.9 2.0 0
0.00 72. 999. 10 ADJ-A1 NoSubs
15 10 3 276 12 151.4 0.314 1.150 0.017 358. 423. -18.3 0.0230 0.83 0.17 4.13 196.0 10.0 292.5 2.0 0
0.00 65. 998. 7 ADJ-A1 NoSubs
15 10 3 276 13 44.5 0.336 0.777 0.015 374. 468. -76.0 0.0230 0.83 0.17 4.82 209.0 10.0 291.4 2.0 0
0.00 69. 998. 10 ADJ-A1 NoSubs
15 10 3 276 14 40.0 0.340 0.759 0.014 388. 477. -87.7 0.0380 0.83 0.18 4.48 216.0 10.0 290.9 2.0 0

0.00 69. 997. 10 ADJ-A1 NoSubs
15 10 3 276 15 32.3 0.354 0.715 0.013 400. 505. -121.6 0.0230 0.83 0.19 5.16 200.0 10.0 292.5 2.0 0
0.00 62. 996. 10 ADJ-A1 NoSubs
15 10 3 276 16 84.8 0.262 1.009 0.017 430. 326. -18.8 0.0230 0.83 0.21 3.45 203.0 10.0 293.8 2.0 0
0.00 60. 994. 0 ADJ-A1 NoSubs
15 10 3 276 17 25.4 0.246 0.680 0.016 438. 293. -51.9 0.0290 0.83 0.31 3.32 247.0 10.0 292.0 2.0 0
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15 10 3 276 18 -31.6 0.372 -9.000 -9.000 -999. 544. 152.1 0.0290 0.83 0.61 5.63 243.0 10.0 289.2 2.0 0
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15 10 3 276 19 -29.7 0.307 -9.000 -9.000 -999. 411. 103.8 0.0290 0.83 1.00 4.70 251.0 10.0 287.5 2.0 0
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15 10 3 276 20 -18.1 0.187 -9.000 -9.000 -999. 202. 38.5 0.0380 0.83 1.00 2.79 225.0 10.0 288.1 2.0 0
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15 10 3 276 21 -30.9 0.321 -9.000 -9.000 -999. 437. 113.6 0.0380 0.83 1.00 4.68 230.0 10.0 288.8 2.0 0
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15 10 3 276 22 -28.2 0.293 -9.000 -9.000 -999. 381. 94.3 0.0380 0.83 1.00 4.28 227.0 10.0 288.8 2.0 0
0.00 68. 993. 10 ADJ-A1 NoSubs
15 10 3 276 23 -22.6 0.235 -9.000 -9.000 -999. 274. 60.6 0.0380 0.83 1.00 3.46 221.0 10.0 288.8 2.0 0
0.00 71. 993. 10 ADJ-A1 NoSubs
15 10 3 276 24 -11.7 0.145 -9.000 -9.000 -999. 136. 23.1 0.0380 0.83 1.00 2.20 224.0 10.0 287.5 2.0 0
0.00 71. 992. 7 ADJ-A1 NoSubs
15 10 4 277 1 -3.8 0.082 -9.000 -9.000 -999. 57. 12.7 0.0330 0.83 1.00 1.30 50.0 10.0 287.5 2.0 0
0.00 71. 993. 5 ADJ-A1 NoSubs
15 10 4 277 2 -7.6 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.83 1.00 1.79 341.0 10.0 285.4 2.0 0
0.00 80. 993. 7 ADJ-A1 NoSubs
15 10 4 277 3 -9.7 0.131 -9.000 -9.000 -999. 113. 20.4 0.0330 0.83 1.00 2.05 323.0 10.0 285.4 2.0 0
0.00 80. 994. 10 ADJ-A1 NoSubs
15 10 4 277 4 -5.4 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.83 1.00 1.52 344.0 10.0 285.9 2.0 0
0.00 79. 994. 10 ADJ-A1 NoSubs
15 10 4 277 5 -8.4 0.121 -9.000 -9.000 -999. 101. 18.8 0.0330 0.83 1.00 1.91 324.0 10.0 285.4 2.0 0
0.00 80. 995. 10 ADJ-A1 NoSubs
15 10 4 277 6 -11.1 0.140 -9.000 -9.000 -999. 125. 21.9 0.0330 0.83 1.00 2.18 311.0 10.0 285.4 2.0 0
0.00 80. 996. 5 ADJ-A1 NoSubs
15 10 4 277 7 -11.0 0.146 -9.000 -9.000 -999. 134. 25.3 0.0260 0.83 0.55 2.35 295.0 10.0 285.4 2.0 0
0.00 80. 996. 0 ADJ-A1 NoSubs
15 10 4 277 8 31.9 0.130 0.585 0.018 223. 113. -6.1 0.0330 0.83 0.29 1.42 319.0 10.0 289.2 2.0 0
0.00 66. 997. 0 ADJ-A1 NoSubs
15 10 4 277 9 90.5 0.245 1.004 0.019 398. 291. -14.4 0.0330 0.83 0.21 2.93 41.0 10.0 292.0 2.0 0
0.00 53. 997. 0 ADJ-A1 NoSubs
15 10 4 277 10 137.5 0.330 1.178 0.013 423. 454. -23.2 0.0290 0.83 0.19 4.22 78.0 10.0 294.9 2.0 0
0.00 41. 997. 0 ADJ-A1 NoSubs
15 10 4 277 11 169.5 0.416 1.290 0.008 451. 644. -37.7 0.0290 0.83 0.18 5.51 86.0 10.0 297.0 2.0 0
0.00 33. 997. 0 ADJ-A1 NoSubs
15 10 4 277 12 184.8 0.340 1.424 0.012 556. 479. -18.9 0.0300 0.83 0.17 4.25 96.0 10.0 297.5 2.0 0
0.00 34. 997. 0 ADJ-A1 NoSubs
15 10 4 277 13 183.9 0.317 1.460 0.009 602. 428. -15.4 0.0340 0.83 0.17 3.79 143.0 10.0 298.1 2.0 0
0.00 35. 996. 0 ADJ-A1 NoSubs
15 10 4 277 14 164.8 0.483 1.445 0.007 653. 805. -60.7 0.0380 0.83 0.18 6.24 218.0 10.0 294.9 2.0 0
0.00 52. 997. 0 ADJ-A1 NoSubs
15 10 4 277 15 131.2 0.432 1.371 0.007 700. 684. -54.6 0.0380 0.83 0.19 5.55 235.0 10.0 294.2 2.0 0
0.00 50. 998. 0 ADJ-A1 NoSubs
15 10 4 277 16 83.1 0.383 1.213 0.007 765. 571. -60.2 0.0380 0.83 0.22 4.95 227.0 10.0 293.8 2.0 0
0.00 52. 999. 0 ADJ-A1 NoSubs
15 10 4 277 17 23.8 0.336 0.804 0.007 778. 469. -142.0 0.0290 0.83 0.31 4.73 240.0 10.0 292.0 2.0 0

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15 10 4 277 18 -12.7 0.155 -9.000 -9.000 -999. 176. 26.4 0.0380 0.83 0.62 2.33 229.0 10.0 290.4 2.0 0
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15 10 4 277 19 -5.1 0.095 -9.000 -9.000 -999. 72. 14.7 0.0370 0.83 1.00 1.48 171.0 10.0 288.8 2.0 0
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15 10 4 277 20 -2.9 0.072 -9.000 -9.000 -999. 46. 11.3 0.0260 0.83 1.00 1.14 280.0 10.0 288.8 2.0 0
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15 10 4 277 21 -7.5 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.81 317.0 10.0 288.1 2.0 0
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15 10 4 277 22 -6.7 0.107 -9.000 -9.000 -999. 85. 16.6 0.0330 0.83 1.00 1.71 316.0 10.0 287.0 2.0 0
0.00 77. 1001. 0 ADJ-A1 NoSubs
15 10 4 277 23 -6.5 0.106 -9.000 -9.000 -999. 83. 16.4 0.0330 0.83 1.00 1.69 302.0 10.0 287.5 2.0 0
0.00 74. 1001. 0 ADJ-A1 NoSubs
15 10 4 277 24 -14.4 0.160 -9.000 -9.000 -999. 154. 28.2 0.0330 0.83 1.00 2.47 308.0 10.0 286.4 2.0 0
0.00 77. 1002. 3 ADJ-A1 NoSubs
15 10 5 278 1 -6.8 0.108 -9.000 -9.000 -999. 86. 16.7 0.0330 0.83 1.00 1.72 312.0 10.0 287.0 2.0 0
0.00 77. 1002. 10 ADJ-A1 NoSubs
15 10 5 278 2 -9.7 0.130 -9.000 -9.000 -999. 113. 20.3 0.0330 0.83 1.00 2.04 320.0 10.0 286.4 2.0 0
0.00 80. 1002. 5 ADJ-A1 NoSubs
15 10 5 278 3 -9.2 0.127 -9.000 -9.000 -999. 108. 19.7 0.0330 0.83 1.00 1.99 313.0 10.0 285.9 2.0 0
0.00 79. 1003. 0 ADJ-A1 NoSubs
15 10 5 278 4 -4.3 0.086 -9.000 -9.000 -999. 61. 13.2 0.0330 0.83 1.00 1.37 317.0 10.0 285.4 2.0 0
0.00 80. 1003. 0 ADJ-A1 NoSubs
15 10 5 278 5 -7.6 0.114 -9.000 -9.000 -999. 93. 17.6 0.0330 0.83 1.00 1.81 324.0 10.0 284.9 2.0 0
0.00 85. 1004. 10 ADJ-A1 NoSubs
15 10 5 278 6 -8.2 0.118 -9.000 -9.000 -999. 97. 17.9 0.0260 0.83 1.00 1.94 297.0 10.0 284.2 2.0 0
0.00 89. 1005. 3 ADJ-A1 NoSubs
15 10 5 278 7 -7.3 0.120 -9.000 -9.000 -999. 100. 21.5 0.0330 0.83 0.55 1.88 311.0 10.0 285.4 2.0 0
0.00 80. 1005. 3 ADJ-A1 NoSubs
15 10 5 278 8 5.9 0.136 0.196 0.010 46. 120. -38.0 0.0330 0.83 0.29 1.76 322.0 10.0 288.8 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
15 10 5 278 9 92.3 0.124 0.877 0.008 262. 105. -1.9 0.0260 0.83 0.21 1.21 288.0 10.0 293.1 2.0 0
0.00 60. 1006. 5 ADJ-A1 NoSubs
15 10 5 278 10 114.7 0.242 1.065 0.008 378. 286. -11.1 0.0290 0.83 0.19 2.90 252.0 10.0 294.9 2.0 0
0.00 58. 1007. 7 ADJ-A1 NoSubs
15 10 5 278 11 167.7 0.283 1.416 0.010 609. 361. -12.1 0.0380 0.83 0.18 3.23 238.0 10.0 295.9 2.0 0
0.00 52. 1006. 0 ADJ-A1 NoSubs
15 10 5 278 12 182.7 0.327 1.564 0.009 753. 448. -17.2 0.0380 0.83 0.17 3.86 223.0 10.0 295.9 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
15 10 5 278 13 181.6 0.373 1.611 0.008 828. 545. -25.6 0.0230 0.83 0.18 5.02 201.0 10.0 296.4 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
15 10 5 278 14 163.8 0.388 1.594 0.008 888. 579. -31.9 0.0380 0.83 0.18 4.82 226.0 10.0 295.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
15 10 5 278 15 130.1 0.399 1.500 0.007 933. 605. -43.9 0.0380 0.83 0.19 5.07 238.0 10.0 295.4 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
15 10 5 278 16 81.7 0.348 1.297 0.007 960. 494. -46.2 0.0290 0.83 0.22 4.66 240.0 10.0 294.2 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
15 10 5 278 17 22.6 0.294 0.847 0.007 966. 385. -101.4 0.0380 0.83 0.31 3.90 234.0 10.0 293.1 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
15 10 5 278 18 -15.3 0.168 -9.000 -9.000 -999. 175. 31.1 0.0290 0.83 0.64 2.64 248.0 10.0 292.0 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
15 10 5 278 19 -9.5 0.128 -9.000 -9.000 -999. 111. 20.0 0.0290 0.83 1.00 2.06 243.0 10.0 290.9 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 10 5 278 20 -7.7 0.115 -9.000 -9.000 -999. 94. 17.8 0.0290 0.83 1.00 1.86 263.0 10.0 290.9 2.0 0

0.00 80. 1009. 0 ADJ-A1 NoSubs
15 10 5 278 21 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0330 0.83 1.00 1.26 308.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 10 5 278 22 -6.2 0.104 -9.000 -9.000 -999. 80. 16.0 0.0330 0.83 1.00 1.65 301.0 10.0 289.9 2.0 0
0.00 80. 1010. 7 ADJ-A1 NoSubs
15 10 5 278 23 -7.2 0.112 -9.000 -9.000 -999. 89. 17.3 0.0330 0.83 1.00 1.77 325.0 10.0 289.2 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
15 10 5 278 24 -3.9 0.082 -9.000 -9.000 -999. 56. 12.8 0.0330 0.83 1.00 1.30 323.0 10.0 288.8 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
15 10 6 279 1 -9.4 0.128 -9.000 -9.000 -999. 110. 20.0 0.0330 0.83 1.00 2.01 308.0 10.0 288.1 2.0 0
0.00 77. 1010. 5 ADJ-A1 NoSubs
15 10 6 279 2 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0330 0.83 1.00 1.79 321.0 10.0 288.1 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
15 10 6 279 3 -11.2 0.140 -9.000 -9.000 -999. 125. 22.1 0.0330 0.83 1.00 2.18 306.0 10.0 289.2 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
15 10 6 279 4 -8.7 0.122 -9.000 -9.000 -999. 103. 19.1 0.0330 0.83 1.00 1.93 317.0 10.0 288.8 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
15 10 6 279 5 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0260 0.83 1.00 1.59 299.0 10.0 289.2 2.0 0
0.00 77. 1012. 7 ADJ-A1 NoSubs
15 10 6 279 6 -6.7 0.106 -9.000 -9.000 -999. 83. 16.1 0.0260 0.83 1.00 1.76 285.0 10.0 289.2 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
15 10 6 279 7 -3.9 0.084 -9.000 -9.000 -999. 58. 13.7 0.0260 0.83 0.56 1.40 298.0 10.0 290.4 2.0 0
0.00 75. 1013. 10 ADJ-A1 NoSubs
15 10 6 279 8 32.3 0.107 0.647 0.017 302. 84. -3.4 0.0380 0.83 0.29 1.04 223.0 10.0 291.4 2.0 0
0.00 75. 1014. 7 ADJ-A1 NoSubs
15 10 6 279 9 94.0 0.137 1.025 0.017 414. 121. -2.5 0.0340 0.83 0.21 1.30 123.0 10.0 293.8 2.0 0
0.00 65. 1014. 3 ADJ-A1 NoSubs
15 10 6 279 10 134.9 0.221 1.247 0.016 520. 250. -7.3 0.0230 0.83 0.19 2.66 194.0 10.0 295.9 2.0 0
0.00 54. 1014. 5 ADJ-A1 NoSubs
15 10 6 279 11 166.7 0.289 1.399 0.014 595. 372. -13.1 0.0380 0.83 0.18 3.32 224.0 10.0 296.4 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
15 10 6 279 12 182.5 0.296 1.477 0.011 639. 386. -12.8 0.0230 0.83 0.18 3.76 201.0 10.0 298.1 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
15 10 6 279 13 180.8 0.357 1.504 0.009 682. 511. -22.7 0.0380 0.83 0.18 4.32 213.0 10.0 297.5 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
15 10 6 279 14 162.5 0.376 1.480 0.007 721. 553. -29.6 0.0380 0.83 0.18 4.65 229.0 10.0 296.4 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
15 10 6 279 15 128.3 0.397 1.386 0.006 750. 600. -44.0 0.0380 0.83 0.19 5.04 233.0 10.0 294.9 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
15 10 6 279 16 80.0 0.336 1.193 0.005 768. 470. -42.9 0.0290 0.83 0.22 4.49 241.0 10.0 294.2 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
15 10 6 279 17 20.7 0.287 0.762 0.005 771. 371. -103.4 0.0380 0.83 0.32 3.81 230.0 10.0 292.5 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
15 10 6 279 18 -16.9 0.182 -9.000 -9.000 -999. 191. 36.3 0.0380 0.83 0.65 2.71 228.0 10.0 290.9 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
15 10 6 279 19 -2.7 0.071 -9.000 -9.000 -999. 56. 11.9 0.0380 0.83 1.00 1.04 226.0 10.0 290.4 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
15 10 6 279 20 -1.7 0.061 -9.000 -9.000 -999. 36. 11.8 0.0260 0.83 1.00 0.79 296.0 10.0 289.2 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
15 10 6 279 21 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0330 0.83 1.00 1.26 313.0 10.0 289.2 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
15 10 6 279 22 -7.7 0.114 -9.000 -9.000 -999. 92. 17.4 0.0260 0.83 1.00 1.88 299.0 10.0 288.8 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
15 10 6 279 23 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0330 0.83 1.00 1.69 322.0 10.0 288.1 2.0 0

0.00 83. 1014. 0 ADJ-A1 NoSubs
15 10 6 279 24 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0330 0.83 1.00 1.42 312.0 10.0 287.5 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 1 -8.7 0.122 -9.000 -9.000 -999. 103. 19.1 0.0330 0.83 1.00 1.93 318.0 10.0 287.0 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 2 -5.7 0.098 -9.000 -9.000 -999. 74. 15.1 0.0330 0.83 1.00 1.57 312.0 10.0 287.0 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 3 -8.3 0.120 -9.000 -9.000 -999. 99. 18.6 0.0330 0.83 1.00 1.89 316.0 10.0 286.4 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 4 -10.2 0.133 -9.000 -9.000 -999. 116. 20.8 0.0330 0.83 1.00 2.08 309.0 10.0 286.4 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 5 -9.5 0.128 -9.000 -9.000 -999. 110. 20.0 0.0330 0.83 1.00 2.01 310.0 10.0 286.4 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 6 -7.5 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.83 1.00 1.76 334.0 10.0 285.9 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 7 -7.1 0.115 -9.000 -9.000 -999. 94. 19.5 0.0330 0.83 0.57 1.81 310.0 10.0 287.5 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 8 29.0 0.116 0.720 0.026 465. 95. -4.9 0.0310 0.83 0.30 1.25 7.0 10.0 289.9 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
15 10 7 280 9 87.3 0.139 1.054 0.024 485. 125. -2.8 0.0300 0.83 0.21 1.40 112.0 10.0 292.5 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 10 133.9 0.149 1.234 0.022 509. 138. -2.2 0.0340 0.83 0.19 1.40 146.0 10.0 294.9 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 11 166.6 0.185 1.343 0.020 526. 192. -3.5 0.0340 0.83 0.18 1.86 146.0 10.0 298.8 2.0 0
0.00 45. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 12 181.5 0.273 1.398 0.017 545. 342. -10.1 0.0230 0.83 0.18 3.39 190.0 10.0 298.8 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 13 180.3 0.334 1.415 0.014 569. 464. -18.7 0.0380 0.83 0.18 3.98 235.0 10.0 299.2 2.0 0
0.00 44. 1013. 0 ADJ-A1 NoSubs
15 10 7 280 14 162.9 0.335 1.392 0.012 599. 466. -20.9 0.0380 0.83 0.18 4.03 228.0 10.0 299.9 2.0 0
0.00 41. 1013. 0 ADJ-A1 NoSubs
15 10 7 280 15 128.3 0.276 1.307 0.011 629. 350. -14.8 0.0230 0.83 0.19 3.56 201.0 10.0 298.1 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
15 10 7 280 16 80.0 0.265 1.131 0.010 653. 328. -21.1 0.0340 0.83 0.22 3.27 149.0 10.0 297.5 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
15 10 7 280 17 18.9 0.320 0.700 0.010 653. 434. -156.0 0.0370 0.83 0.32 4.32 153.0 10.0 292.0 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
15 10 7 280 18 -21.9 0.232 -9.000 -9.000 -999. 272. 59.3 0.0370 0.83 0.66 3.44 152.0 10.0 290.9 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 19 -15.2 0.164 -9.000 -9.000 -999. 162. 29.8 0.0340 0.83 1.00 2.52 132.0 10.0 290.4 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 20 -7.0 0.110 -9.000 -9.000 -999. 88. 17.2 0.0370 0.83 1.00 1.71 152.0 10.0 289.2 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 21 -2.9 0.072 -9.000 -9.000 -999. 46. 11.3 0.0260 0.83 1.00 1.14 276.0 10.0 289.9 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 22 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.37 307.0 10.0 289.2 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 23 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0330 0.83 1.00 1.45 316.0 10.0 288.8 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
15 10 7 280 24 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.83 1.00 1.26 332.0 10.0 288.8 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 1 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0330 0.83 1.00 1.40 304.0 10.0 289.2 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 2 -10.3 0.134 -9.000 -9.000 -999. 118. 21.1 0.0330 0.83 1.00 2.10 311.0 10.0 289.2 2.0 0

0.00 74. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 3 -7.3 0.112 -9.000 -9.000 -999. 89. 17.2 0.0290 0.83 1.00 1.81 265.0 10.0 289.9 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 4 -6.8 0.108 -9.000 -9.000 -999. 85. 16.7 0.0330 0.83 1.00 1.72 34.0 10.0 288.8 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 5 -12.7 0.150 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 304.0 10.0 288.8 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 6 -2.8 0.070 -9.000 -9.000 -999. 47. 11.4 0.0290 0.83 1.00 1.08 249.0 10.0 287.5 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 7 -10.9 0.143 -9.000 -9.000 -999. 130. 24.5 0.0330 0.83 0.58 2.22 309.0 10.0 288.1 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 8 28.6 0.124 0.518 0.022 175. 105. -6.0 0.0330 0.83 0.30 1.35 302.0 10.0 291.4 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 9 88.2 0.102 0.881 0.020 280. 78. -1.1 0.0380 0.83 0.21 0.82 337.0 10.0 297.0 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 10 135.6 0.144 1.062 0.017 319. 131. -2.0 0.0300 0.83 0.19 1.37 104.0 10.0 300.4 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
15 10 8 281 11 168.5 0.176 1.220 0.013 390. 177. -2.9 0.0340 0.83 0.18 1.72 132.0 10.0 303.8 2.0 0
0.00 31. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 12 184.3 0.217 1.341 0.010 472. 243. -5.0 0.0370 0.83 0.18 2.25 159.0 10.0 305.4 2.0 0
0.00 30. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 13 181.2 0.331 1.381 0.008 525. 457. -18.1 0.0380 0.83 0.18 3.93 210.0 10.0 303.1 2.0 0
0.00 31. 1011. 0 ADJ-A1 NoSubs
15 10 8 281 14 164.2 0.350 1.378 0.006 575. 496. -23.5 0.0380 0.83 0.18 4.25 235.0 10.0 304.2 2.0 0
0.00 26. 1011. 0 ADJ-A1 NoSubs
15 10 8 281 15 131.0 0.277 1.363 0.006 698. 352. -14.6 0.0230 0.83 0.19 3.56 206.0 10.0 304.9 2.0 0
0.00 24. 1011. 0 ADJ-A1 NoSubs
15 10 8 281 16 78.3 0.330 1.185 0.006 766. 454. -41.2 0.0370 0.83 0.22 4.19 150.0 10.0 297.5 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
15 10 8 281 17 18.1 0.277 0.728 0.006 770. 351. -105.7 0.0370 0.83 0.33 3.69 158.0 10.0 293.8 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 18 -21.2 0.224 -9.000 -9.000 -999. 255. 55.1 0.0370 0.83 0.68 3.32 176.0 10.0 291.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 19 -12.3 0.145 -9.000 -9.000 -999. 135. 23.3 0.0230 0.83 1.00 2.40 181.0 10.0 290.4 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 20 -2.7 0.069 -9.000 -9.000 -999. 46. 11.2 0.0260 0.83 1.00 1.08 295.0 10.0 290.9 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 21 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.83 1.00 1.09 329.0 10.0 290.4 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 22 -2.5 0.068 -9.000 -9.000 -999. 42. 11.5 0.0330 0.83 1.00 0.99 325.0 10.0 290.4 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 23 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0330 0.83 1.00 1.42 311.0 10.0 290.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
15 10 8 281 24 -7.2 0.112 -9.000 -9.000 -999. 89. 17.3 0.0330 0.83 1.00 1.77 310.0 10.0 290.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
15 10 9 282 1 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.97 216.0 10.0 289.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
15 10 9 282 2 -2.1 0.065 -9.000 -9.000 -999. 40. 12.0 0.0380 0.83 1.00 0.86 237.0 10.0 288.8 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
15 10 9 282 3 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.11 351.0 10.0 286.4 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
15 10 9 282 4 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0310 0.83 1.00 1.47 11.0 10.0 287.5 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
15 10 9 282 5 -7.7 0.115 -9.000 -9.000 -999. 93. 17.8 0.0330 0.83 1.00 1.82 312.0 10.0 287.0 2.0 0

0.00 83. 1013. 10 ADJ-A1 NoSubs
15 10 9 282 6 -3.1 0.073 -9.000 -9.000 -999. 48. 11.7 0.0310 0.83 1.00 1.14 4.0 10.0 287.5 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
15 10 9 282 7 -4.0 0.086 -9.000 -9.000 -999. 60. 14.1 0.0330 0.83 0.58 1.37 311.0 10.0 287.5 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
15 10 9 282 8 27.5 0.129 0.453 0.020 122. 111. -7.0 0.0310 0.83 0.30 1.45 3.0 10.0 291.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
15 10 9 282 9 86.2 0.165 0.779 0.017 198. 161. -4.7 0.0330 0.83 0.21 1.74 59.0 10.0 295.4 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
15 10 9 282 10 133.7 0.129 1.017 0.014 284. 112. -1.5 0.0340 0.83 0.19 1.13 131.0 10.0 299.2 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
15 10 9 282 11 166.8 0.190 1.277 0.014 450. 199. -3.7 0.0370 0.83 0.18 1.89 151.0 10.0 303.1 2.0 0
0.00 28. 1011. 0 ADJ-A1 NoSubs
15 10 9 282 12 180.0 0.304 1.361 0.011 506. 403. -14.1 0.0290 0.83 0.18 3.73 243.0 10.0 300.9 2.0 0
0.00 34. 1011. 0 ADJ-A1 NoSubs
15 10 9 282 13 179.8 0.264 1.444 0.009 604. 326. -9.2 0.0380 0.83 0.18 2.93 229.0 10.0 303.1 2.0 0
0.00 29. 1010. 0 ADJ-A1 NoSubs
15 10 9 282 14 162.6 0.307 1.469 0.008 703. 409. -16.0 0.0340 0.83 0.18 3.69 149.0 10.0 304.2 2.0 0
0.00 26. 1009. 0 ADJ-A1 NoSubs
15 10 9 282 15 127.1 0.333 1.392 0.008 765. 461. -26.1 0.0340 0.83 0.19 4.17 127.0 10.0 301.4 2.0 0
0.00 37. 1009. 0 ADJ-A1 NoSubs
15 10 9 282 16 78.2 0.267 1.203 0.007 801. 333. -21.9 0.0340 0.83 0.22 3.30 149.0 10.0 300.4 2.0 0
0.00 38. 1009. 0 ADJ-A1 NoSubs
15 10 9 282 17 18.7 0.226 0.748 0.007 806. 259. -55.8 0.0370 0.83 0.33 2.93 177.0 10.0 298.1 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
15 10 9 282 18 -18.7 0.198 -9.000 -9.000 -999. 211. 43.0 0.0370 0.83 0.69 2.95 170.0 10.0 293.8 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
15 10 9 282 19 -9.6 0.128 -9.000 -9.000 -999. 111. 19.6 0.0230 0.83 1.00 2.13 191.0 10.0 291.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
15 10 9 282 20 -5.6 0.097 -9.000 -9.000 -999. 73. 14.9 0.0290 0.83 1.00 1.59 250.0 10.0 292.0 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
15 10 9 282 21 -6.1 0.102 -9.000 -9.000 -999. 78. 15.5 0.0260 0.83 1.00 1.69 285.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
15 10 9 282 22 -11.3 0.141 -9.000 -9.000 -999. 127. 22.4 0.0330 0.83 1.00 2.20 314.0 10.0 290.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
15 10 9 282 23 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0330 0.83 1.00 1.38 326.0 10.0 288.1 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
15 10 9 282 24 -5.0 0.093 -9.000 -9.000 -999. 68. 14.5 0.0380 0.83 1.00 1.45 333.0 10.0 289.9 2.0 0
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15 10 10 283 1 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0330 0.83 1.00 1.40 314.0 10.0 289.2 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
15 10 10 283 2 -9.9 0.131 -9.000 -9.000 -999. 114. 20.6 0.0330 0.83 1.00 2.06 306.0 10.0 288.8 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
15 10 10 283 3 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0330 0.83 1.00 1.59 313.0 10.0 287.0 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
15 10 10 283 4 -6.0 0.102 -9.000 -9.000 -999. 78. 15.6 0.0330 0.83 1.00 1.62 317.0 10.0 287.5 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
15 10 10 283 5 -4.7 0.089 -9.000 -9.000 -999. 63. 13.5 0.0290 0.83 1.00 1.45 265.0 10.0 287.5 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
15 10 10 283 6 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0330 0.83 1.00 1.26 303.0 10.0 286.4 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
15 10 10 283 7 -6.0 0.104 -9.000 -9.000 -999. 80. 16.8 0.0260 0.83 0.59 1.72 295.0 10.0 287.5 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 10 10 283 8 27.1 0.122 0.561 0.026 234. 102. -6.0 0.0260 0.83 0.30 1.40 279.0 10.0 293.1 2.0 0

0.00 60. 1011. 0 ADJ-A1 NoSubs
15 10 10 283 9 84.8 0.143 0.949 0.026 363. 129. -3.1 0.0230 0.83 0.22 1.54 189.0 10.0 294.9 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
15 10 10 283 10 130.7 0.243 1.136 0.024 404. 288. -9.9 0.0340 0.83 0.19 2.79 141.0 10.0 295.9 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
15 10 10 283 11 162.1 0.305 1.264 0.021 450. 404. -15.8 0.0340 0.83 0.18 3.66 138.0 10.0 297.5 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
15 10 10 283 12 176.7 0.337 1.337 0.019 488. 470. -19.5 0.0370 0.83 0.18 4.05 163.0 10.0 297.5 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
15 10 10 283 13 175.7 0.338 1.356 0.016 512. 472. -19.8 0.0370 0.83 0.18 4.07 176.0 10.0 298.8 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
15 10 10 283 14 158.6 0.332 1.329 0.013 533. 460. -20.8 0.0370 0.83 0.18 4.02 174.0 10.0 300.4 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
15 10 10 283 15 124.8 0.268 1.244 0.012 555. 335. -13.9 0.0370 0.83 0.19 3.12 174.0 10.0 300.4 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
15 10 10 283 16 76.3 0.276 1.064 0.011 568. 348. -24.9 0.0370 0.83 0.23 3.39 155.0 10.0 299.9 2.0 0
0.00 35. 1009. 0 ADJ-A1 NoSubs
15 10 10 283 17 15.0 0.310 0.618 0.011 566. 414. -178.8 0.0340 0.83 0.34 4.27 134.0 10.0 293.8 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
15 10 10 283 18 -24.7 0.258 -9.000 -9.000 -999. 315. 73.1 0.0340 0.83 0.71 3.86 137.0 10.0 292.5 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
15 10 10 283 19 -16.3 0.170 -9.000 -9.000 -999. 172. 31.9 0.0300 0.83 1.00 2.66 105.0 10.0 292.0 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 10 10 283 20 -4.5 0.088 -9.000 -9.000 -999. 65. 13.8 0.0380 0.83 1.00 1.37 357.0 10.0 292.0 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
15 10 10 283 21 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0330 0.83 1.00 1.57 307.0 10.0 290.9 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 10 10 283 22 -6.6 0.106 -9.000 -9.000 -999. 83. 16.5 0.0330 0.83 1.00 1.69 312.0 10.0 290.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 10 10 283 23 -6.4 0.106 -9.000 -9.000 -999. 82. 16.5 0.0380 0.83 1.00 1.64 337.0 10.0 289.9 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
15 10 10 283 24 -9.9 0.131 -9.000 -9.000 -999. 114. 20.7 0.0330 0.83 1.00 2.06 319.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
15 10 11 284 1 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0260 0.83 1.00 1.59 289.0 10.0 288.8 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
15 10 11 284 2 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.83 1.00 1.35 303.0 10.0 288.1 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
15 10 11 284 3 -9.1 0.125 -9.000 -9.000 -999. 105. 19.1 0.0260 0.83 1.00 2.04 299.0 10.0 288.1 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
15 10 11 284 4 -7.2 0.112 -9.000 -9.000 -999. 89. 17.3 0.0330 0.83 1.00 1.77 323.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
15 10 11 284 5 -5.2 0.094 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.47 331.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 10 11 284 6 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0380 0.83 1.00 1.62 350.0 10.0 286.4 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 10 11 284 7 -4.1 0.086 -9.000 -9.000 -999. 60. 13.9 0.0330 0.83 0.60 1.37 304.0 10.0 287.0 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
15 10 11 284 8 24.7 0.115 0.486 0.020 167. 94. -5.5 0.0380 0.83 0.31 1.20 230.0 10.0 289.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 10 11 284 9 82.6 0.154 0.867 0.021 285. 145. -4.0 0.0340 0.83 0.22 1.57 120.0 10.0 292.5 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
15 10 11 284 10 129.7 0.168 1.101 0.019 371. 165. -3.3 0.0340 0.83 0.19 1.67 135.0 10.0 296.4 2.0 0
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15 10 11 284 11 160.8 0.202 1.342 0.017 542. 217. -4.6 0.0370 0.83 0.18 2.06 161.0 10.0 297.5 2.0 0

0.00 53. 1010. 0 ADJ-A1 NoSubs
15 10 11 284 12 176.3 0.281 1.417 0.015 581. 358. -11.4 0.0230 0.83 0.18 3.54 191.0 10.0 299.2 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
15 10 11 284 13 174.8 0.286 1.434 0.012 608. 366. -12.0 0.0230 0.83 0.18 3.61 200.0 10.0 299.9 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
15 10 11 284 14 156.1 0.298 1.399 0.010 631. 391. -15.3 0.0230 0.83 0.18 3.86 185.0 10.0 298.8 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
15 10 11 284 15 121.1 0.314 1.296 0.009 647. 422. -23.0 0.0370 0.83 0.19 3.83 155.0 10.0 296.4 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
15 10 11 284 16 71.7 0.310 1.094 0.008 656. 414. -37.3 0.0340 0.83 0.23 3.98 142.0 10.0 294.2 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
15 10 11 284 17 12.5 0.282 0.611 0.008 656. 361. -162.1 0.0340 0.83 0.34 3.88 146.0 10.0 291.4 2.0 0
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15 10 11 284 18 -22.3 0.230 -9.000 -9.000 -999. 265. 58.1 0.0340 0.83 0.72 3.46 129.0 10.0 289.9 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
15 10 11 284 19 -20.9 0.214 -9.000 -9.000 -999. 237. 50.3 0.0340 0.83 1.00 3.23 125.0 10.0 289.2 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
15 10 11 284 20 -11.0 0.139 -9.000 -9.000 -999. 126. 22.0 0.0340 0.83 1.00 2.16 122.0 10.0 288.8 2.0 0
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15 10 11 284 21 -2.1 0.065 -9.000 -9.000 -999. 42. 11.7 0.0340 0.83 1.00 0.89 131.0 10.0 289.2 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
15 10 11 284 22 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0330 0.83 1.00 1.26 306.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
15 10 11 284 23 -4.7 0.088 -9.000 -9.000 -999. 63. 13.3 0.0260 0.83 1.00 1.47 288.0 10.0 287.0 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
15 10 11 284 24 -2.1 0.064 -9.000 -9.000 -999. 39. 11.2 0.0260 0.83 1.00 0.92 299.0 10.0 287.5 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 1 -1.3 0.058 -9.000 -9.000 -999. 34. 13.6 0.0310 0.83 1.00 0.62 8.0 10.0 286.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 2 -2.2 0.066 -9.000 -9.000 -999. 41. 11.6 0.0330 0.83 1.00 0.92 310.0 10.0 285.9 2.0 0
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15 10 12 285 3 -3.9 0.082 -9.000 -9.000 -999. 56. 12.7 0.0330 0.83 1.00 1.30 321.0 10.0 286.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 10 12 285 4 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.83 1.00 1.20 339.0 10.0 285.9 2.0 0
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15 10 12 285 5 -5.2 0.094 -9.000 -9.000 -999. 69. 14.4 0.0330 0.83 1.00 1.50 323.0 10.0 284.9 2.0 0
0.00 92. 1009. 5 ADJ-A1 NoSubs
15 10 12 285 6 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.83 1.00 1.20 333.0 10.0 285.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 7 -2.5 0.069 -9.000 -9.000 -999. 43. 11.7 0.0330 0.83 0.61 1.04 324.0 10.0 286.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 8 23.6 0.096 0.496 0.024 185. 72. -3.4 0.0380 0.83 0.31 0.94 223.0 10.0 289.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 9 81.6 0.121 0.827 0.024 250. 101. -2.0 0.0370 0.83 0.22 1.09 159.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 10 129.3 0.147 1.042 0.020 315. 136. -2.2 0.0340 0.83 0.19 1.38 129.0 10.0 298.1 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 11 162.1 0.173 1.180 0.017 365. 173. -2.9 0.0340 0.83 0.18 1.69 128.0 10.0 302.0 2.0 0
0.00 37. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 12 178.8 0.176 1.271 0.013 413. 178. -2.7 0.0340 0.83 0.18 1.71 126.0 10.0 305.4 2.0 0
0.00 30. 1008. 0 ADJ-A1 NoSubs
15 10 12 285 13 178.3 0.215 1.383 0.012 534. 239. -5.0 0.0370 0.83 0.18 2.22 165.0 10.0 307.0 2.0 0
0.00 28. 1007. 0 ADJ-A1 NoSubs
15 10 12 285 14 158.5 0.291 1.391 0.012 611. 376. -13.9 0.0230 0.83 0.18 3.73 183.0 10.0 304.9 2.0 0

0.00 30. 1007. 0 ADJ-A1 NoSubs
15 10 12 285 15 123.4 0.302 1.306 0.011 648. 399. -20.1 0.0370 0.83 0.19 3.64 158.0 10.0 303.1 2.0 0
0.00 35. 1007. 0 ADJ-A1 NoSubs
15 10 12 285 16 72.1 0.319 1.100 0.011 664. 433. -40.5 0.0340 0.83 0.23 4.12 143.0 10.0 298.1 2.0 0
0.00 55. 1007. 0 ADJ-A1 NoSubs
15 10 12 285 17 13.0 0.178 0.622 0.011 666. 194. -39.3 0.0340 0.83 0.35 2.30 132.0 10.0 295.9 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
15 10 12 285 18 -18.8 0.195 -9.000 -9.000 -999. 206. 41.7 0.0370 0.83 0.74 2.91 166.0 10.0 291.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 10 12 285 19 -17.4 0.179 -9.000 -9.000 -999. 182. 35.3 0.0370 0.83 1.00 2.69 173.0 10.0 290.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 20 -4.8 0.090 -9.000 -9.000 -999. 68. 13.5 0.0230 0.83 1.00 1.53 206.0 10.0 290.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 21 -1.7 0.062 -9.000 -9.000 -999. 37. 12.6 0.0380 0.83 1.00 0.74 343.0 10.0 290.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 10 12 285 22 -1.8 0.062 -9.000 -9.000 -999. 37. 12.0 0.0330 0.83 1.00 0.80 300.0 10.0 289.9 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 10 12 285 23 -6.8 0.108 -9.000 -9.000 -999. 85. 16.8 0.0330 0.83 1.00 1.72 325.0 10.0 289.2 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 10 12 285 24 -8.3 0.120 -9.000 -9.000 -999. 99. 18.7 0.0330 0.83 1.00 1.89 325.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 1 -7.2 0.112 -9.000 -9.000 -999. 89. 17.3 0.0330 0.83 1.00 1.77 310.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
15 10 13 286 2 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.83 1.00 1.48 319.0 10.0 288.1 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 3 -12.0 0.144 -9.000 -9.000 -999. 131. 22.8 0.0260 0.83 1.00 2.33 298.0 10.0 287.5 2.0 0
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15 10 13 286 4 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0260 0.83 1.00 1.77 290.0 10.0 287.5 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
15 10 13 286 5 -10.0 0.131 -9.000 -9.000 -999. 113. 20.1 0.0260 0.83 1.00 2.13 297.0 10.0 287.5 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
15 10 13 286 6 -13.3 0.153 -9.000 -9.000 -999. 144. 25.8 0.0330 0.83 1.00 2.37 325.0 10.0 288.1 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 7 -9.2 0.131 -9.000 -9.000 -999. 113. 21.6 0.0380 0.83 0.61 1.99 331.0 10.0 288.8 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 8 24.1 0.130 0.342 0.019 60. 113. -8.2 0.0330 0.83 0.31 1.47 319.0 10.0 293.8 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 9 82.2 0.145 0.699 0.017 149. 133. -3.3 0.0340 0.83 0.22 1.45 138.0 10.0 297.0 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
15 10 13 286 10 130.0 0.146 0.964 0.015 248. 133. -2.1 0.0300 0.83 0.19 1.40 99.0 10.0 301.4 2.0 0
0.00 30. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 11 163.5 0.171 1.174 0.010 357. 170. -2.8 0.0300 0.83 0.18 1.71 117.0 10.0 305.9 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 12 175.9 0.391 1.328 0.006 480. 588. -30.7 0.0230 0.83 0.18 5.34 194.0 10.0 303.1 2.0 0
0.00 25. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 13 172.9 0.373 1.442 0.006 625. 547. -27.0 0.0380 0.83 0.18 4.58 219.0 10.0 301.4 2.0 0
0.00 27. 1011. 0 ADJ-A1 NoSubs
15 10 13 286 14 154.4 0.258 1.440 0.005 697. 322. -10.0 0.0380 0.83 0.18 2.89 239.0 10.0 300.9 2.0 0
0.00 28. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 15 120.7 0.265 1.354 0.005 742. 328. -13.9 0.0290 0.83 0.19 3.25 254.0 10.0 301.4 2.0 0
0.00 30. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 16 72.4 0.290 1.223 0.005 912. 374. -30.3 0.0380 0.83 0.23 3.59 236.0 10.0 301.4 2.0 0
0.00 31. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 17 14.3 0.182 0.717 0.005 930. 193. -38.3 0.0290 0.83 0.35 2.42 253.0 10.0 300.9 2.0 0

0.00 30. 1010. 0 ADJ-A1 NoSubs
15 10 13 286 18 -16.6 0.175 -9.000 -9.000 -999. 176. 33.8 0.0380 0.83 0.75 2.62 212.0 10.0 297.5 2.0 0
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15 10 13 286 19 -9.9 0.133 -9.000 -9.000 -999. 117. 21.5 0.0380 0.83 1.00 2.03 229.0 10.0 297.0 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
15 10 13 286 20 -2.0 0.064 -9.000 -9.000 -999. 40. 11.7 0.0330 0.83 1.00 0.87 322.0 10.0 295.9 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
15 10 13 286 21 -3.6 0.080 -9.000 -9.000 -999. 54. 12.7 0.0370 0.83 1.00 1.23 178.0 10.0 293.1 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
15 10 13 286 22 -2.7 0.069 -9.000 -9.000 -999. 44. 11.0 0.0230 0.83 1.00 1.11 184.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
15 10 13 286 23 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0330 0.83 1.00 1.48 325.0 10.0 292.0 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
15 10 13 286 24 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0330 0.83 1.00 1.57 325.0 10.0 290.9 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
15 10 14 287 1 -6.8 0.108 -9.000 -9.000 -999. 85. 16.8 0.0330 0.83 1.00 1.72 312.0 10.0 290.4 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
15 10 14 287 2 -7.2 0.112 -9.000 -9.000 -999. 89. 17.3 0.0330 0.83 1.00 1.77 313.0 10.0 290.4 2.0 0
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15 10 14 287 3 -5.9 0.100 -9.000 -9.000 -999. 76. 15.5 0.0330 0.83 1.00 1.60 314.0 10.0 289.2 2.0 0
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15 10 14 287 4 -8.2 0.119 -9.000 -9.000 -999. 99. 18.6 0.0330 0.83 1.00 1.88 306.0 10.0 289.9 2.0 0
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15 10 14 287 5 -8.5 0.121 -9.000 -9.000 -999. 101. 18.9 0.0330 0.83 1.00 1.91 307.0 10.0 289.2 2.0 0
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15 10 14 287 6 -6.6 0.107 -9.000 -9.000 -999. 84. 16.5 0.0330 0.83 1.00 1.70 325.0 10.0 289.2 2.0 0
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15 10 14 287 7 -5.3 0.097 -9.000 -9.000 -999. 73. 15.6 0.0330 0.83 0.62 1.55 303.0 10.0 290.4 2.0 0
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15 10 14 287 8 23.3 0.108 0.427 0.019 121. 85. -4.9 0.0340 0.83 0.31 1.14 125.0 10.0 294.2 2.0 0
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15 10 14 287 9 80.5 0.145 0.800 0.018 229. 133. -3.4 0.0370 0.83 0.22 1.43 152.0 10.0 295.9 2.0 0
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15 10 14 287 10 126.8 0.208 1.038 0.015 318. 228. -6.4 0.0340 0.83 0.19 2.27 149.0 10.0 298.1 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
15 10 14 287 11 158.4 0.191 1.197 0.013 391. 200. -4.0 0.0370 0.83 0.18 1.91 156.0 10.0 300.4 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
15 10 14 287 12 173.4 0.314 1.347 0.013 508. 421. -16.0 0.0230 0.83 0.18 4.07 185.0 10.0 301.4 2.0 0
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15 10 14 287 13 171.1 0.389 1.398 0.011 575. 583. -31.0 0.0380 0.83 0.18 4.83 214.0 10.0 300.9 2.0 0
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15 10 14 287 14 151.9 0.361 1.381 0.010 625. 521. -27.8 0.0380 0.83 0.18 4.44 223.0 10.0 299.2 2.0 0
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15 10 14 287 15 118.2 0.305 1.296 0.009 663. 406. -21.6 0.0380 0.83 0.19 3.68 216.0 10.0 299.9 2.0 0
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15 10 14 287 16 67.9 0.302 1.088 0.008 683. 399. -36.5 0.0230 0.83 0.23 4.17 207.0 10.0 296.4 2.0 0
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15 10 14 287 17 10.1 0.202 0.586 0.009 717. 223. -74.1 0.0290 0.83 0.36 2.78 255.0 10.0 295.9 2.0 0
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15 10 14 287 18 -8.2 0.120 -9.000 -9.000 -999. 102. 18.7 0.0290 0.83 1.00 1.93 249.0 10.0 295.4 2.0 0
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15 10 14 287 19 -17.7 0.183 -9.000 -9.000 -999. 188. 37.0 0.0230 0.83 1.00 2.98 182.0 10.0 292.0 2.0 0
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15 10 14 287 20 -4.3 0.087 -9.000 -9.000 -999. 66. 13.6 0.0380 0.83 1.00 1.35 229.0 10.0 291.4 2.0 0

0.00 80. 1009. 0 ADJ-A1 NoSubs
15 10 14 287 21 -8.1 0.119 -9.000 -9.000 -999. 99. 18.7 0.0330 0.83 1.00 1.88 316.0 10.0 292.5 2.0 0
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15 10 14 287 22 -24.8 0.256 -9.000 -9.000 -999. 311. 72.1 0.0380 0.83 1.00 3.76 214.0 10.0 291.4 2.0 0
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15 10 14 287 23 -14.1 0.158 -9.000 -9.000 -999. 154. 27.4 0.0290 0.83 1.00 2.49 250.0 10.0 291.4 2.0 0
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15 10 14 287 24 -26.0 0.269 -9.000 -9.000 -999. 334. 79.5 0.0370 0.83 1.00 3.96 177.0 10.0 291.4 2.0 0
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15 10 15 288 1 -13.1 0.152 -9.000 -9.000 -999. 150. 25.4 0.0310 0.83 1.00 2.38 11.0 10.0 292.0 2.0 0
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15 10 15 288 2 -7.8 0.117 -9.000 -9.000 -999. 96. 18.4 0.0370 0.83 1.00 1.81 162.0 10.0 291.4 2.0 0
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15 10 15 288 3 -23.1 0.240 -9.000 -9.000 -999. 282. 63.2 0.0330 0.83 1.00 3.62 314.0 10.0 292.0 2.0 0
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15 10 15 288 4 -8.3 0.121 -9.000 -9.000 -999. 109. 19.1 0.0380 0.83 1.00 1.86 218.0 10.0 290.9 2.0 0
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15 10 15 288 5 -10.2 0.133 -9.000 -9.000 -999. 116. 20.6 0.0260 0.83 1.00 2.16 298.0 10.0 291.4 2.0 0
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15 10 15 288 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.63 0.00 0.0 10.0 291.4 2.0
0 0.00 80. 1009. 3 ADJ-SFC NoSubs
15 10 15 288 8 25.0 0.147 0.467 0.019 146. 135. -11.3 0.0290 0.83 0.32 1.76 71.0 10.0 292.0 2.0 0
0.00 77. 1009. 7 ADJ-SFC NoSubs
15 10 15 288 9 78.4 0.308 0.866 0.012 298. 410. -33.5 0.0370 0.83 0.22 3.86 178.0 10.0 294.2 2.0 0
0.00 70. 1009. 0 ADJ-SFC NoSubs
15 10 15 288 10 124.0 0.171 1.053 0.018 339. 182. -3.7 0.0317 0.83 0.19 1.76 999.0 10.0 295.4 2.0 0
0.00 65. 1009. 0 ADJ-SFC NoSubs
15 10 15 288 11 159.4 0.167 1.168 0.014 359. 163. -2.6 0.0230 0.83 0.18 1.76 185.0 10.0 297.0 2.0 0
0.00 54. 1009. 3 ADJ-SFC NoSubs
15 10 15 288 12 171.0 0.223 1.290 0.012 452. 254. -5.9 0.0370 0.83 0.18 2.36 154.0 10.0 299.9 2.0 0
0.00 46. 1008. 0 ADJ-SFC NoSubs
15 10 15 288 13 169.3 0.429 1.406 0.008 590. 674. -41.8 0.0230 0.83 0.18 5.96 198.0 10.0 300.4 2.0 0
0.00 44. 1008. 0 ADJ-SFC NoSubs
15 10 15 288 14 148.6 0.277 1.380 0.010 637. 366. -12.8 0.0290 0.83 0.18 3.36 254.0 10.0 295.9 2.0 0
0.00 54. 1007. 0 ADJ-SFC NoSubs
15 10 15 288 15 113.5 0.349 1.283 0.008 670. 495. -33.8 0.0380 0.83 0.20 4.36 224.0 10.0 293.8 2.0 0
0.00 69. 1008. 0 ADJ-SFC NoSubs
15 10 15 288 16 64.8 0.272 1.075 0.008 689. 343. -27.8 0.0370 0.83 0.24 3.36 162.0 10.0 293.1 2.0 0
0.00 72. 1008. 0 ADJ-SFC NoSubs
15 10 15 288 17 13.6 0.141 0.640 0.008 691. 138. -18.6 0.0230 0.83 0.36 1.86 183.0 10.0 291.4 2.0 0
0.00 80. 1008. 7 ADJ-A1 NoSubs
15 10 15 288 18 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0300 0.83 1.00 1.79 95.0 10.0 291.4 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 10 15 288 19 -12.1 0.146 -9.000 -9.000 -999. 133. 23.3 0.0300 0.83 1.00 2.30 109.0 10.0 291.4 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 10 15 288 20 -7.7 0.115 -9.000 -9.000 -999. 94. 17.8 0.0290 0.83 1.00 1.86 82.0 10.0 291.4 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
15 10 15 288 21 -6.5 0.106 -9.000 -9.000 -999. 83. 16.5 0.0330 0.83 1.00 1.69 311.0 10.0 290.9 2.0 0
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15 10 15 288 22 -4.7 0.090 -9.000 -9.000 -999. 65. 14.1 0.0380 0.83 1.00 1.40 235.0 10.0 289.9 2.0 0
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15 10 15 288 23 -4.2 0.084 -9.000 -9.000 -999. 58. 12.6 0.0230 0.83 1.00 1.42 202.0 10.0 290.4 2.0 0

0.00 83. 1009. 0 ADJ-A1 NoSubs
15 10 15 288 24 -3.8 0.081 -9.000 -9.000 -999. 56. 12.6 0.0310 0.83 1.00 1.30 6.0 10.0 290.4 2.0 0
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15 10 16 289 1 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.83 1.00 0.94 336.0 10.0 290.4 2.0 0
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15 10 16 289 2 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0300 0.83 1.00 1.67 108.0 10.0 290.9 2.0 0
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15 10 16 289 3 -4.3 0.087 -9.000 -9.000 -999. 61. 13.4 0.0330 0.83 1.00 1.38 321.0 10.0 290.4 2.0 0
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15 10 16 289 4 -5.3 0.095 -9.000 -9.000 -999. 70. 14.7 0.0330 0.83 1.00 1.52 328.0 10.0 290.4 2.0 0
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15 10 16 289 5 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0290 0.83 1.00 1.65 255.0 10.0 289.9 2.0 0
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15 10 16 289 6 -4.7 0.089 -9.000 -9.000 -999. 64. 13.5 0.0260 0.83 1.00 1.48 282.0 10.0 290.9 2.0 0
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15 10 16 289 7 -3.4 0.078 -9.000 -9.000 -999. 52. 12.7 0.0310 0.83 0.64 1.25 21.0 10.0 290.9 2.0 0
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15 10 16 289 8 25.8 0.141 0.554 0.021 237. 126. -9.7 0.0290 0.83 0.32 1.66 86.0 10.0 291.4 2.0 0
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15 10 16 289 9 76.7 0.134 0.892 0.020 332. 117. -2.8 0.0330 0.83 0.22 1.31 50.0 10.0 293.1 2.0 0
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15 10 16 289 10 30.4 0.147 0.662 0.020 342. 135. -9.3 0.0370 0.83 0.19 1.64 155.0 10.0 294.2 2.0 0
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15 10 16 289 11 153.5 0.251 1.185 0.017 390. 301. -9.2 0.0380 0.83 0.18 2.78 217.0 10.0 296.4 2.0 0
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15 10 16 289 12 167.0 0.321 1.250 0.012 420. 436. -17.8 0.0380 0.83 0.18 3.80 228.0 10.0 294.9 2.0 0
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15 10 16 289 13 165.4 0.259 1.270 0.010 445. 318. -9.4 0.0380 0.83 0.18 2.88 235.0 10.0 295.9 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
15 10 16 289 14 146.8 0.221 1.239 0.008 465. 250. -6.6 0.0370 0.83 0.18 2.37 176.0 10.0 295.4 2.0 0
0.00 63. 1006. 0 ADJ-A1 NoSubs
15 10 16 289 15 111.9 0.305 1.150 0.006 487. 404. -22.7 0.0230 0.83 0.20 4.07 194.0 10.0 293.8 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
15 10 16 289 16 63.2 0.383 0.972 0.005 521. 569. -79.8 0.0380 0.83 0.24 5.02 227.0 10.0 293.1 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
15 10 16 289 17 5.2 0.242 0.423 0.006 521. 298. -243.2 0.0230 0.83 0.37 3.59 207.0 10.0 291.4 2.0 0
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15 10 16 289 18 -25.0 0.257 -9.000 -9.000 -999. 313. 72.8 0.0380 0.83 1.00 3.78 212.0 10.0 290.4 2.0 0
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15 10 16 289 19 -12.9 0.150 -9.000 -9.000 -999. 145. 24.8 0.0290 0.83 1.00 2.38 244.0 10.0 290.4 2.0 0
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15 10 16 289 20 -13.5 0.156 -9.000 -9.000 -999. 148. 26.7 0.0380 0.83 1.00 2.35 213.0 10.0 290.4 2.0 0
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15 10 16 289 21 -4.2 0.084 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.43 189.0 10.0 290.9 2.0 0
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15 10 16 289 22 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0330 0.83 1.00 1.26 308.0 10.0 290.9 2.0 0
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15 10 16 289 23 -7.4 0.114 -9.000 -9.000 -999. 92. 17.9 0.0380 0.83 1.00 1.76 239.0 10.0 290.4 2.0 0
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15 10 16 289 24 -4.5 0.089 -9.000 -9.000 -999. 63. 13.9 0.0380 0.83 1.00 1.38 230.0 10.0 290.4 2.0 0
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15 10 17 290 1 -11.2 0.141 -9.000 -9.000 -999. 127. 22.5 0.0370 0.83 1.00 2.15 164.0 10.0 290.4 2.0 0
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0.00 77. 1009. 10 ADJ-A1 NoSubs
15 10 17 290 3 -9.5 0.127 -9.000 -9.000 -999. 109. 19.4 0.0230 0.83 1.00 2.12 183.0 10.0 289.9 2.0 0
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15 10 17 290 4 -11.9 0.143 -9.000 -9.000 -999. 130. 22.4 0.0230 0.83 1.00 2.36 186.0 10.0 290.4 2.0 0
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15 10 17 290 5 -22.1 0.228 -9.000 -9.000 -999. 261. 57.0 0.0380 0.83 1.00 3.36 229.0 10.0 290.4 2.0 0
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15 10 17 290 6 -11.9 0.143 -9.000 -9.000 -999. 132. 22.4 0.0230 0.83 1.00 2.36 208.0 10.0 290.4 2.0 0
0.00 77. 1009. 10 ADJ-SFC NoSubs
15 10 17 290 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.65 0.00 0.0 10.0 290.4 2.0
0 0.00 77. 1009. 10 ADJ-SFC NoSubs
15 10 17 290 8 3.3 -9.000 -9.000 -9.000 485. -999. -99999.0 0.0317 0.83 0.32 0.00 0.0 10.0 290.4 2.0 0
0.00 80. 1010. 10 ADJ-SFC NoSubs
15 10 17 290 9 17.5 -9.000 -9.000 -9.000 516. -999. -99999.0 0.0317 0.83 0.22 0.00 0.0 10.0 290.9 2.0 0
0.00 74. 1010. 10 ADJ-SFC NoSubs
15 10 17 290 10 29.2 0.190 0.771 0.016 565. 199. -21.3 0.0330 0.83 0.19 2.36 31.0 10.0 292.0 2.0 0
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15 10 17 290 11 125.4 0.169 1.357 0.020 718. 167. -3.5 0.0290 0.83 0.18 1.76 70.0 10.0 292.5 2.0 0
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15 10 17 290 12 137.2 0.234 1.424 0.019 758. 272. -8.4 0.0230 0.83 0.18 2.86 203.0 10.0 294.2 2.0 0
0.00 60. 1010. 7 ADJ-SFC NoSubs
15 10 17 290 13 135.8 0.386 1.445 0.019 801. 576. -38.2 0.0380 0.83 0.18 4.86 232.0 10.0 294.9 2.0 0
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15 10 17 290 14 143.6 0.421 1.499 0.018 845. 654. -46.6 0.0380 0.83 0.18 5.36 232.0 10.0 294.9 2.0 0
0.00 60. 1009. 5 ADJ-SFC NoSubs
15 10 17 290 15 110.8 0.353 1.393 0.018 878. 506. -35.6 0.0230 0.83 0.20 4.86 207.0 10.0 294.9 2.0 0
0.00 65. 1009. 0 ADJ-SFC NoSubs
15 10 17 290 16 56.5 0.271 1.120 0.017 893. 341. -31.5 0.0380 0.83 0.24 3.36 217.0 10.0 293.1 2.0 0
0.00 75. 1008. 7 ADJ-SFC NoSubs
15 10 17 290 17 0.2 0.156 0.170 0.017 892. 155. -1729.9 0.0230 0.83 0.38 2.36 204.0 10.0 292.0 2.0 0
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15 10 17 290 18 -12.6 0.149 -9.000 -9.000 -999. 138. 24.4 0.0290 0.83 1.00 2.36 67.0 10.0 292.0 2.0 0
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15 10 17 290 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 291.4 2.0
0 0.00 80. 1008. 7 ADJ-SFC NoSubs
15 10 17 290 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 290.9 2.0
0 0.00 80. 1009. 0 ADJ-SFC NoSubs
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0 0.00 86. 1009. 3 ADJ-SFC NoSubs
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0 0.00 83. 1009. 10 ADJ-SFC NoSubs
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15 10 18 291 8 17.0 0.114 0.569 0.008 388. 92. -7.8 0.0330 0.83 0.33 1.28 33.0 10.0 289.9 2.0 0
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15 10 18 291 9 65.6 0.167 0.913 0.007 419. 164. -6.4 0.0230 0.83 0.22 1.98 196.0 10.0 291.4 2.0 0
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15 10 18 291 10 123.8 0.206 1.245 0.006 562. 224. -6.4 0.0230 0.83 0.19 2.44 183.0 10.0 293.1 2.0 0
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15 10 18 291 11 125.1 0.261 1.348 0.005 706. 320. -12.8 0.0230 0.83 0.18 3.32 181.0 10.0 294.2 2.0 0
0.00 58. 1011. 7 ADJ-A1 NoSubs
15 10 18 291 12 164.4 0.345 1.523 0.005 776. 487. -22.6 0.0230 0.83 0.18 4.61 192.0 10.0 295.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
15 10 18 291 13 162.0 0.404 1.618 0.005 943. 616. -36.7 0.0380 0.83 0.18 5.07 217.0 10.0 294.9 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
15 10 18 291 14 144.3 0.346 1.644 0.005 1111. 491. -25.9 0.0380 0.83 0.18 4.24 222.0 10.0 296.4 2.0
0 0.00 52. 1009. 0 ADJ-A1 NoSubs
15 10 18 291 15 27.7 0.344 0.956 0.006 1137. 484. -132.5 0.0380 0.83 0.20 4.60 219.0 10.0 295.4 2.0
0 0.00 56. 1009. 10 ADJ-A1 NoSubs
15 10 18 291 16 56.9 0.299 1.237 0.006 1197. 393. -42.3 0.0260 0.83 0.24 4.07 299.0 10.0 296.4 2.0 0
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15 10 18 291 17 9.3 0.379 0.677 0.006 1196. 560. -526.3 0.0380 0.83 0.38 5.22 233.0 10.0 293.1 2.0 0
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15 10 18 291 18 -28.3 0.292 -9.000 -9.000 -999. 384. 94.0 0.0290 0.83 1.00 4.48 248.0 10.0 291.4 2.0 0
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0.00 80. 1010. 0 ADJ-A1 NoSubs
15 10 18 291 20 -3.5 0.079 -9.000 -9.000 -999. 61. 12.5 0.0380 0.83 1.00 1.20 351.0 10.0 289.9 2.0 0
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15 10 18 291 21 -8.0 0.118 -9.000 -9.000 -999. 97. 18.6 0.0380 0.83 1.00 1.82 340.0 10.0 288.8 2.0 0
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15 10 18 291 22 -6.8 0.108 -9.000 -9.000 -999. 85. 16.8 0.0330 0.83 1.00 1.72 315.0 10.0 289.2 2.0 0
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15 10 19 292 2 -3.2 0.074 -9.000 -9.000 -999. 48. 11.6 0.0260 0.83 1.00 1.20 289.0 10.0 289.2 2.0 0
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15 10 19 292 3 -3.0 0.073 -9.000 -9.000 -999. 47. 11.7 0.0330 0.83 1.00 1.11 308.0 10.0 288.1 2.0 0
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15 10 19 292 16 59.3 0.246 1.256 0.005 1205. 301. -22.7 0.0230 0.83 0.24 3.29 196.0 10.0 294.9 2.0 0
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0.00 86. 1010. 0 ADJ-A1 NoSubs
15 10 20 293 7 -6.5 0.106 -9.000 -9.000 -999. 83. 16.7 0.0380 0.83 0.68 1.65 331.0 10.0 285.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
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0.00 83. 1011. 0 ADJ-A1 NoSubs
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0.00 72. 1010. 0 ADJ-A1 NoSubs
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15 10 20 293 11 147.5 0.173 1.232 0.005 457. 173. -3.2 0.0300 0.83 0.18 1.77 114.0 10.0 295.4 2.0 0

0.00 52. 1009. 0 ADJ-A1 NoSubs
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15 10 20 293 13 159.6 0.353 1.679 0.010 1068. 504. -24.8 0.0380 0.83 0.18 4.31 212.0 10.0 295.9 2.0
0 0.00 50. 1008. 0 ADJ-A1 NoSubs
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0 0.00 47. 1007. 0 ADJ-A1 NoSubs
15 10 20 293 15 106.4 0.286 1.517 0.009 1181. 367. -19.7 0.0370 0.83 0.20 3.44 171.0 10.0 295.4 2.0
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15 10 20 293 16 57.5 0.272 1.241 0.008 1196. 341. -31.5 0.0370 0.83 0.25 3.40 162.0 10.0 294.2 2.0 0
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15 10 20 293 17 0.1 0.237 0.138 0.008 1194. 277. -8888.0 0.0370 0.83 0.39 3.32 165.0 10.0 292.0 2.0
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0.00 80. 1009. 0 ADJ-A1 NoSubs
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15 10 21 294 8 13.1 0.093 0.263 0.017 50. 68. -5.6 0.0260 0.83 0.34 1.06 276.0 10.0 288.1 2.0 0
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0 0.00 43. 1007. 0 ADJ-A1 NoSubs
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15 10 22 295 12 158.0 0.216 1.180 0.017 375. 240. -5.7 0.0370 0.83 0.18 2.27 159.0 10.0 293.8 2.0 0
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15 10 22 295 13 155.9 0.294 1.215 0.014 414. 382. -14.6 0.0230 0.83 0.18 3.78 201.0 10.0 294.2 2.0 0
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15 10 22 295 14 137.2 0.313 1.207 0.011 461. 420. -20.1 0.0380 0.83 0.19 3.75 221.0 10.0 294.2 2.0 0
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0.00 89. 1010. 5 ADJ-A1 NoSubs
15 10 23 296 5 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.83 1.00 1.69 315.0 10.0 285.4 2.0 0
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15 10 23 296 6 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0330 0.83 1.00 1.33 325.0 10.0 284.9 2.0 0
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15 10 23 296 7 -2.4 0.067 -9.000 -9.000 -999. 42. 11.5 0.0330 0.83 0.71 0.96 308.0 10.0 284.9 2.0 0
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15 10 23 296 10 112.7 0.197 0.999 0.018 319. 209. -6.1 0.0230 0.83 0.20 2.32 191.0 10.0 293.8 2.0 0
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15 10 23 296 11 143.6 0.178 1.174 0.015 406. 180. -3.5 0.0300 0.83 0.18 1.84 111.0 10.0 295.9 2.0 0
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15 10 23 296 12 157.3 0.273 1.242 0.011 440. 342. -11.6 0.0230 0.83 0.18 3.44 186.0 10.0 295.4 2.0 0
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15 10 23 296 13 156.0 0.206 1.277 0.009 481. 226. -5.0 0.0370 0.83 0.18 2.13 167.0 10.0 297.5 2.0 0
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15 10 23 296 14 137.1 0.276 1.281 0.006 553. 348. -13.8 0.0230 0.83 0.19 3.54 195.0 10.0 297.0 2.0 0
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15 10 23 296 15 101.9 0.282 1.192 0.005 599. 359. -19.8 0.0380 0.83 0.20 3.37 210.0 10.0 295.4 2.0 0
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15 10 23 296 16 52.5 0.229 0.965 0.005 617. 263. -20.5 0.0230 0.83 0.25 3.03 202.0 10.0 293.1 2.0 0
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15 10 23 296 17 -2.2 0.157 -9.000 -9.000 -999. 151. 158.0 0.0380 0.83 0.41 2.27 218.0 10.0 292.5 2.0 0
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15 10 23 296 18 -5.9 0.100 -9.000 -9.000 -999. 76. 15.0 0.0230 0.83 1.00 1.69 181.0 10.0 289.9 2.0 0
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15 10 23 296 19 -8.9 0.125 -9.000 -9.000 -999. 106. 19.8 0.0370 0.83 1.00 1.93 163.0 10.0 289.9 2.0 0
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15 10 23 296 20 -2.1 0.064 -9.000 -9.000 -999. 40. 11.4 0.0290 0.83 1.00 0.91 264.0 10.0 289.2 2.0 0

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15 10 23 296 21 -3.0 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.83 1.00 1.13 320.0 10.0 289.2 2.0 0
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15 10 23 296 22 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.83 1.00 1.25 321.0 10.0 288.8 2.0 0
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15 10 23 296 23 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.83 1.00 1.13 313.0 10.0 287.5 2.0 0
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15 10 23 296 24 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0380 0.83 1.00 1.30 336.0 10.0 286.4 2.0 0
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15 10 24 297 1 -7.3 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.83 1.00 1.77 309.0 10.0 285.4 2.0 0
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15 10 24 297 2 -5.5 0.096 -9.000 -9.000 -999. 72. 14.7 0.0330 0.83 1.00 1.54 306.0 10.0 284.9 2.0 0
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15 10 24 297 3 -6.1 0.102 -9.000 -9.000 -999. 78. 15.5 0.0310 0.83 1.00 1.64 15.0 10.0 284.9 2.0 0
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15 10 24 297 4 -13.7 0.155 -9.000 -9.000 -999. 147. 26.5 0.0330 0.83 1.00 2.40 302.0 10.0 284.9 2.0 0
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15 10 24 297 5 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0330 0.83 1.00 1.48 318.0 10.0 283.8 2.0 0
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15 10 24 297 6 -8.3 0.120 -9.000 -9.000 -999. 99. 18.5 0.0330 0.83 1.00 1.89 321.0 10.0 284.2 2.0 0
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15 10 24 297 7 -17.8 0.181 -9.000 -9.000 -999. 185. 36.1 0.0260 0.83 0.72 2.89 282.0 10.0 286.4 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 10 24 297 8 10.3 0.118 0.338 0.022 135. 98. -14.3 0.0290 0.83 0.35 1.45 69.0 10.0 289.9 2.0 0
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15 10 24 297 9 65.6 0.161 0.697 0.019 186. 155. -5.7 0.0330 0.83 0.23 1.74 31.0 10.0 290.9 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
15 10 24 297 10 111.9 0.149 0.920 0.016 251. 138. -2.7 0.0330 0.83 0.20 1.45 38.0 10.0 294.9 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
15 10 24 297 11 143.4 0.135 1.100 0.012 334. 119. -1.5 0.0300 0.83 0.18 1.23 118.0 10.0 298.1 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
15 10 24 297 12 158.9 0.181 1.237 0.009 428. 185. -3.4 0.0340 0.83 0.18 1.81 148.0 10.0 300.9 2.0 0
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15 10 24 297 13 156.9 0.246 1.292 0.006 495. 293. -8.6 0.0230 0.83 0.18 3.01 200.0 10.0 301.4 2.0 0
0.00 31. 1008. 0 ADJ-A1 NoSubs
15 10 24 297 14 137.9 0.236 1.292 0.005 563. 275. -8.5 0.0230 0.83 0.19 2.88 187.0 10.0 300.9 2.0 0
0.00 28. 1008. 0 ADJ-A1 NoSubs
15 10 24 297 15 102.2 0.288 1.228 0.005 651. 371. -21.1 0.0230 0.83 0.20 3.83 182.0 10.0 298.8 2.0 0
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15 10 24 297 16 52.3 0.210 1.000 0.005 687. 233. -15.9 0.0340 0.83 0.26 2.52 149.0 10.0 295.9 2.0 0
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15 10 24 297 17 -3.3 0.180 -9.000 -9.000 -999. 184. 160.7 0.0300 0.83 0.42 2.71 114.0 10.0 292.5 2.0 0
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15 10 24 297 18 -17.4 0.180 -9.000 -9.000 -999. 183. 35.6 0.0340 0.83 1.00 2.74 130.0 10.0 290.9 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
15 10 24 297 19 -13.1 0.153 -9.000 -9.000 -999. 144. 25.7 0.0370 0.83 1.00 2.32 151.0 10.0 289.9 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
15 10 24 297 20 -3.7 0.081 -9.000 -9.000 -999. 57. 12.8 0.0370 0.83 1.00 1.25 161.0 10.0 289.9 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
15 10 24 297 21 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0330 0.83 1.00 1.40 315.0 10.0 289.2 2.0 0
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15 10 24 297 22 -8.7 0.123 -9.000 -9.000 -999. 104. 19.2 0.0330 0.83 1.00 1.94 322.0 10.0 288.8 2.0 0
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15 10 24 297 23 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.81 306.0 10.0 288.1 2.0 0

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15 10 25 298 1 -3.2 0.074 -9.000 -9.000 -999. 49. 11.5 0.0260 0.83 1.00 1.20 288.0 10.0 287.5 2.0 0
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15 10 25 298 2 -4.2 0.084 -9.000 -9.000 -999. 59. 12.9 0.0290 0.83 1.00 1.37 74.0 10.0 287.5 2.0 0
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15 10 25 298 7 -7.5 0.115 -9.000 -9.000 -999. 93. 18.0 0.0380 0.83 0.73 1.77 340.0 10.0 287.5 2.0 0
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15 10 25 298 9 64.1 0.215 0.858 0.019 355. 240. -14.0 0.0290 0.83 0.24 2.64 76.0 10.0 290.4 2.0 0
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15 10 25 298 10 109.5 0.172 1.055 0.017 386. 172. -4.2 0.0260 0.83 0.20 1.89 274.0 10.0 292.5 2.0 0
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15 10 25 298 11 141.1 0.194 1.168 0.014 407. 205. -4.6 0.0290 0.83 0.18 2.10 65.0 10.0 296.4 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
15 10 25 298 12 156.2 0.258 1.234 0.011 434. 314. -9.9 0.0340 0.83 0.18 2.95 148.0 10.0 298.8 2.0 0
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15 10 25 298 13 152.9 0.351 1.281 0.009 495. 499. -25.5 0.0230 0.83 0.18 4.73 190.0 10.0 297.0 2.0 0
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15 10 25 298 14 134.2 0.281 1.286 0.007 570. 361. -14.9 0.0230 0.83 0.19 3.63 195.0 10.0 297.0 2.0 0
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15 10 25 298 15 100.4 0.186 1.206 0.006 629. 197. -5.8 0.0370 0.83 0.20 1.96 157.0 10.0 298.1 2.0 0
0.00 36. 1008. 0 ADJ-A1 NoSubs
15 10 25 298 16 52.0 0.179 0.983 0.006 657. 181. -9.9 0.0300 0.83 0.26 2.10 109.0 10.0 298.1 2.0 0
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15 10 25 298 17 -4.0 0.211 -9.000 -9.000 -999. 232. 209.0 0.0340 0.83 0.42 3.08 139.0 10.0 294.9 2.0 0
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15 10 25 298 19 -4.3 0.086 -9.000 -9.000 -999. 72. 13.1 0.0290 0.83 1.00 1.40 242.0 10.0 289.9 2.0 0
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15 10 25 298 20 -7.1 0.110 -9.000 -9.000 -999. 88. 16.9 0.0290 0.83 1.00 1.79 255.0 10.0 289.2 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
15 10 25 298 21 -12.1 0.146 -9.000 -9.000 -999. 134. 23.5 0.0330 0.83 1.00 2.27 311.0 10.0 288.1 2.0 0
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15 10 25 298 24 -10.4 0.134 -9.000 -9.000 -999. 118. 21.0 0.0330 0.83 1.00 2.10 321.0 10.0 286.4 2.0 0
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15 10 26 299 1 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.83 1.00 1.45 342.0 10.0 286.4 2.0 0
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15 10 26 299 2 -7.6 0.114 -9.000 -9.000 -999. 93. 17.9 0.0380 0.83 1.00 1.77 356.0 10.0 285.4 2.0 0

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15 10 26 299 3 -16.4 0.170 -9.000 -9.000 -999. 169. 31.9 0.0330 0.83 1.00 2.62 306.0 10.0 285.4 2.0 0
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15 10 26 299 4 -6.3 0.103 -9.000 -9.000 -999. 81. 15.9 0.0330 0.83 1.00 1.65 300.0 10.0 284.9 2.0 0
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15 10 26 299 5 -14.0 0.156 -9.000 -9.000 -999. 149. 26.9 0.0330 0.83 1.00 2.42 317.0 10.0 284.2 2.0 0
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15 10 26 299 6 -4.0 0.083 -9.000 -9.000 -999. 59. 13.0 0.0380 0.83 1.00 1.28 360.0 10.0 284.2 2.0 0
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0.00 89. 1010. 0 ADJ-A1 NoSubs
15 10 26 299 8 7.3 0.112 0.259 0.013 86. 90. -17.5 0.0380 0.83 0.36 1.33 330.0 10.0 287.5 2.0 0
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15 10 26 299 9 62.8 0.112 0.793 0.017 286. 90. -2.0 0.0290 0.83 0.24 1.08 84.0 10.0 290.4 2.0 0
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15 10 26 299 10 109.1 0.139 0.995 0.014 325. 125. -2.2 0.0300 0.83 0.20 1.35 107.0 10.0 294.9 2.0 0
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15 10 26 299 11 140.6 0.163 1.188 0.014 429. 158. -2.8 0.0370 0.83 0.18 1.55 156.0 10.0 298.1 2.0 0
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15 10 26 299 12 155.5 0.193 1.328 0.013 542. 204. -4.2 0.0340 0.83 0.18 1.99 148.0 10.0 299.9 2.0 0
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15 10 26 299 13 154.0 0.210 1.396 0.012 635. 232. -5.4 0.0370 0.83 0.18 2.20 173.0 10.0 301.4 2.0 0
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15 10 26 299 14 135.6 0.232 1.379 0.011 696. 269. -8.3 0.0230 0.83 0.19 2.83 197.0 10.0 302.0 2.0 0
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15 10 26 299 15 100.2 0.245 1.265 0.010 726. 290. -13.1 0.0230 0.83 0.21 3.12 204.0 10.0 300.4 2.0 0
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15 10 26 299 16 50.3 0.212 1.012 0.010 739. 234. -17.0 0.0380 0.83 0.26 2.50 226.0 10.0 297.5 2.0 0
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15 10 26 299 17 -4.2 0.173 -9.000 -9.000 -999. 173. 110.9 0.0230 0.83 0.43 2.74 185.0 10.0 294.2 2.0 0
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15 10 26 299 18 -21.1 0.217 -9.000 -9.000 -999. 243. 51.9 0.0370 0.83 1.00 3.23 150.0 10.0 289.9 2.0 0
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15 10 26 299 19 -8.7 0.123 -9.000 -9.000 -999. 107. 19.3 0.0340 0.83 1.00 1.93 139.0 10.0 288.1 2.0 0
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15 10 26 299 20 -8.5 0.122 -9.000 -9.000 -999. 102. 19.0 0.0340 0.83 1.00 1.91 147.0 10.0 288.1 2.0 0
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15 10 26 299 21 -6.3 0.103 -9.000 -9.000 -999. 79. 15.4 0.0230 0.83 1.00 1.74 181.0 10.0 288.1 2.0 0
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15 10 26 299 22 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0290 0.83 1.00 1.26 266.0 10.0 288.1 2.0 0
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15 10 26 299 23 -4.2 0.084 -9.000 -9.000 -999. 59. 12.9 0.0290 0.83 1.00 1.37 73.0 10.0 288.1 2.0 0
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15 10 26 299 24 -8.9 0.125 -9.000 -9.000 -999. 105. 19.4 0.0330 0.83 1.00 1.96 58.0 10.0 287.5 2.0 0
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15 10 27 300 1 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.81 46.0 10.0 287.0 2.0 0
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15 10 27 300 3 -4.7 0.090 -9.000 -9.000 -999. 64. 13.8 0.0330 0.83 1.00 1.43 313.0 10.0 286.4 2.0 0
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15 10 27 300 6 -4.6 0.089 -9.000 -9.000 -999. 63. 13.8 0.0380 0.83 1.00 1.38 348.0 10.0 285.9 2.0 0
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15 10 27 300 7 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0310 0.83 0.75 1.35 1.0 10.0 285.4 2.0 0
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15 10 27 300 8 6.0 0.135 0.180 0.014 35. 119. -36.6 0.0330 0.83 0.36 1.74 315.0 10.0 287.0 2.0 0
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15 10 27 300 9 61.3 0.132 0.763 0.015 261. 115. -3.3 0.0380 0.83 0.24 1.28 356.0 10.0 289.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
15 10 27 300 10 106.6 0.119 0.976 0.013 315. 98. -1.4 0.0290 0.83 0.20 1.08 72.0 10.0 292.0 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
15 10 27 300 11 136.1 0.238 1.111 0.009 364. 279. -9.0 0.0230 0.83 0.19 2.93 206.0 10.0 291.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
15 10 27 300 12 150.7 0.190 1.257 0.011 476. 200. -4.1 0.0290 0.83 0.18 2.03 255.0 10.0 293.1 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
15 10 27 300 13 148.9 0.203 1.355 0.010 602. 219. -5.0 0.0370 0.83 0.18 2.10 160.0 10.0 294.9 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
15 10 27 300 14 130.2 0.169 1.352 0.008 684. 167. -3.3 0.0340 0.83 0.19 1.69 140.0 10.0 294.9 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
15 10 27 300 15 96.0 0.147 1.247 0.008 728. 136. -3.0 0.0340 0.83 0.21 1.45 145.0 10.0 295.4 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
15 10 27 300 16 47.8 0.204 1.008 0.007 771. 221. -16.0 0.0310 0.83 0.26 2.50 26.0 10.0 295.4 2.0 0
0.00 50. 1008. 0 ADJ-A1 NoSubs
15 10 27 300 17 3.4 0.216 0.419 0.007 771. 242. -267.0 0.0380 0.83 0.44 2.95 217.0 10.0 294.9 2.0 0
0.00 52. 1009. 7 ADJ-A1 NoSubs
15 10 27 300 18 -11.2 0.142 -9.000 -9.000 -999. 130. 22.8 0.0380 0.83 1.00 2.15 337.0 10.0 293.1 2.0 0
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15 10 28 301 1 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0330 0.83 1.00 1.16 308.0 10.0 289.9 2.0 0
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15 10 28 301 2 -7.3 0.111 -9.000 -9.000 -999. 89. 17.0 0.0260 0.83 1.00 1.84 295.0 10.0 290.4 2.0 0
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15 10 28 301 5 -4.7 0.090 -9.000 -9.000 -999. 64. 13.8 0.0330 0.83 1.00 1.43 322.0 10.0 289.2 2.0 0
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15 10 28 301 16 50.8 0.268 1.176 0.005 1155. 343. -34.0 0.0370 0.83 0.26 3.36 178.0 10.0 292.5 2.0 0
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15 10 28 301 17 -6.7 0.188 -9.000 -9.000 -999. 199. 89.1 0.0300 0.83 0.44 2.86 90.0 10.0 291.4 2.0 0
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15 10 28 301 18 -13.1 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 46.0 10.0 290.4 2.0 0
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0.00 89. 1011. 3 ADJ-A1 NoSubs
15 10 29 302 8 3.8 0.113 0.173 0.012 49. 91. -34.1 0.0330 0.83 0.37 1.45 311.0 10.0 287.0 2.0 0
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15 10 29 302 9 58.4 0.132 0.748 0.010 258. 115. -3.6 0.0300 0.83 0.24 1.37 98.0 10.0 289.2 2.0 0
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15 10 29 302 10 103.6 0.143 1.048 0.009 401. 130. -2.5 0.0340 0.83 0.20 1.37 122.0 10.0 291.4 2.0 0
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15 10 29 302 11 134.5 0.216 1.192 0.006 454. 240. -6.7 0.0370 0.83 0.19 2.32 163.0 10.0 294.2 2.0 0

0.00 54. 1010. 0 ADJ-A1 NoSubs
15 10 29 302 12 149.1 0.315 1.292 0.005 522. 425. -18.9 0.0370 0.83 0.18 3.78 179.0 10.0 295.9 2.0 0
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15 10 29 302 13 147.5 0.270 1.442 0.005 732. 338. -12.0 0.0370 0.83 0.18 3.10 163.0 10.0 297.5 2.0 0
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15 10 29 302 14 128.7 0.279 1.501 0.005 946. 353. -15.1 0.0370 0.83 0.19 3.27 177.0 10.0 297.5 2.0 0
0.00 36. 1008. 0 ADJ-A1 NoSubs
15 10 29 302 15 94.6 0.281 1.443 0.005 1141. 357. -21.0 0.0230 0.83 0.21 3.73 184.0 10.0 298.1 2.0 0
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15 10 29 302 16 46.8 0.224 1.181 0.008 1266. 255. -21.5 0.0340 0.83 0.27 2.76 140.0 10.0 298.8 2.0 0
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15 10 29 302 18 -11.3 0.142 -9.000 -9.000 -999. 129. 23.0 0.0380 0.83 1.00 2.16 333.0 10.0 294.2 2.0 0
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15 10 29 302 20 -10.7 0.137 -9.000 -9.000 -999. 122. 21.8 0.0370 0.83 1.00 2.10 176.0 10.0 288.1 2.0 0
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15 10 29 302 21 -2.5 0.068 -9.000 -9.000 -999. 44. 11.3 0.0290 0.83 1.00 1.01 79.0 10.0 288.1 2.0 0
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15 10 29 302 24 -5.2 0.094 -9.000 -9.000 -999. 69. 14.4 0.0330 0.83 1.00 1.50 314.0 10.0 284.9 2.0 0
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0.00 82. 1010. 0 ADJ-A1 NoSubs
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0.00 29. 1010. 0 ADJ-A1 NoSubs
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15 10 30 303 15 93.6 0.268 1.259 0.006 767. 332. -18.4 0.0230 0.83 0.21 3.52 185.0 10.0 298.8 2.0 0
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15 10 30 303 16 44.6 0.228 0.987 0.006 778. 262. -23.9 0.0370 0.83 0.27 2.79 172.0 10.0 297.0 2.0 0
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15 10 31 304 3 -5.5 0.097 -9.000 -9.000 -999. 73. 14.9 0.0330 0.83 1.00 1.55 303.0 10.0 287.0 2.0 0
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0.00 66. 1012. 0 ADJ-A1 NoSubs
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15 10 31 304 15 92.5 0.273 1.161 0.007 610. 343. -19.9 0.0370 0.83 0.21 3.29 158.0 10.0 299.2 2.0 0
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15 11 1 305 5 -5.7 0.097 -9.000 -9.000 -999. 73. 14.6 0.0260 0.83 1.00 1.62 292.0 10.0 284.6 2.0 0
0.00 999. 1014. 10 ADJ-A1 Sub_TT
15 11 1 305 6 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0330 0.83 1.00 1.23 321.0 10.0 283.8 2.0 0
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15 11 1 305 7 -9.6 0.129 -9.000 -9.000 -999. 111. 20.3 0.0380 0.83 1.00 1.98 337.0 10.0 283.1 2.0 0
0.00 89. 1014. 5 ADJ-A1 NoSubs
15 11 1 305 8 0.3 0.131 0.033 0.005 4. 114. -652.1 0.0330 0.83 0.38 1.86 316.0 10.0 286.4 2.0 0
0.00 83. 1015. 0 ADJ-A1 NoSubs
15 11 1 305 9 54.5 0.140 0.909 0.016 499. 126. -4.6 0.0290 0.83 0.25 1.52 64.0 10.0 289.2 2.0 0
0.00 77. 1015. 0 ADJ-A1 NoSubs
15 11 1 305 10 99.5 0.154 1.191 0.016 615. 145. -3.3 0.0340 0.83 0.20 1.54 129.0 10.0 291.4 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
15 11 1 305 11 130.1 0.214 1.360 0.016 701. 237. -6.8 0.0370 0.83 0.19 2.30 168.0 10.0 293.8 2.0 0
0.00 60. 1015. 0 ADJ-A1 NoSubs
15 11 1 305 12 144.4 0.242 1.445 0.016 756. 286. -8.9 0.0370 0.83 0.18 2.69 150.0 10.0 294.9 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
15 11 1 305 13 142.2 0.293 1.469 0.016 807. 380. -16.0 0.0230 0.83 0.18 3.80 205.0 10.0 295.4 2.0 0
0.00 50. 1013. 0 ADJ-A1 NoSubs
15 11 1 305 14 123.4 0.297 1.416 0.015 831. 388. -19.1 0.0380 0.83 0.19 3.54 231.0 10.0 295.4 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
15 11 1 305 15 88.8 0.218 1.275 0.015 843. 248. -10.6 0.0230 0.83 0.21 2.73 207.0 10.0 294.9 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
15 11 1 305 16 41.1 0.166 0.989 0.014 849. 164. -10.1 0.0340 0.83 0.27 1.91 147.0 10.0 295.4 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
15 11 1 305 17 -10.4 0.216 -9.000 -9.000 -999. 242. 87.6 0.0340 0.83 0.47 3.22 120.0 10.0 292.5 2.0 0
0.00 75. 1011. 0 ADJ-A1 NoSubs
15 11 1 305 18 -21.6 0.222 -9.000 -9.000 -999. 250. 54.0 0.0340 0.83 1.00 3.34 120.0 10.0 290.4 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
15 11 1 305 19 -15.3 0.164 -9.000 -9.000 -999. 160. 29.6 0.0300 0.83 1.00 2.57 95.0 10.0 290.4 2.0 0
0.00 83. 1011. 3 ADJ-A1 NoSubs
15 11 1 305 20 -13.5 0.154 -9.000 -9.000 -999. 146. 26.3 0.0330 0.83 1.00 2.39 56.0 10.0 290.4 2.0 0

0.00 83. 1011. 10 ADJ-A1 NoSubs
15 11 1 305 21 -16.8 0.173 -9.000 -9.000 -999. 172. 32.8 0.0290 0.83 1.00 2.71 76.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 11 1 305 22 -8.3 0.120 -9.000 -9.000 -999. 100. 18.5 0.0290 0.83 1.00 1.93 64.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 11 1 305 23 -2.8 0.071 -9.000 -9.000 -999. 46. 11.7 0.0330 0.83 1.00 1.08 46.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
15 11 1 305 24 -2.0 0.064 -9.000 -9.000 -999. 39. 12.0 0.0380 0.83 1.00 0.84 358.0 10.0 290.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 11 2 306 1 -4.0 0.084 -9.000 -9.000 -999. 58. 13.1 0.0370 0.83 1.00 1.30 171.0 10.0 289.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
15 11 2 306 2 -9.0 0.126 -9.000 -9.000 -999. 107. 19.9 0.0370 0.83 1.00 1.94 155.0 10.0 289.9 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
15 11 2 306 3 -2.4 0.068 -9.000 -9.000 -999. 43. 11.6 0.0340 0.83 1.00 0.97 138.0 10.0 289.9 2.0 11
0.50 93. 1006. 10 ADJ-A1 NoSubs
15 11 2 306 4 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0330 0.83 1.00 1.16 325.0 10.0 289.9 2.0 11
6.10 100. 1005. 10 ADJ-A1 NoSubs
15 11 2 306 5 -8.3 0.120 -9.000 -9.000 -999. 99. 18.6 0.0310 0.83 1.00 1.91 17.0 10.0 289.9 2.0 11
7.90 999. 1004. 10 ADJ-A1 NoSubs
15 11 2 306 6 -17.0 0.175 -9.000 -9.000 -999. 175. 33.5 0.0260 0.83 1.00 2.79 294.0 10.0 288.1 2.0 11
4.10 999. 1005. 10 ADJ-A1 NoSubs
15 11 2 306 7 -10.2 0.134 -9.000 -9.000 -999. 118. 21.3 0.0370 0.83 1.00 2.06 150.0 10.0 287.5 2.0 11
3.80 999. 1005. 10 ADJ-A1 NoSubs
15 11 2 306 8 -5.8 0.220 -9.000 -9.000 -999. 247. 163.4 0.0370 0.83 0.39 3.18 152.0 10.0 287.5 2.0 11
2.50 999. 1006. 10 ADJ-A1 NoSubs
15 11 2 306 9 11.0 0.190 0.417 0.005 237. 199. -56.2 0.0340 0.83 0.25 2.50 123.0 10.0 287.0 2.0 11
7.40 999. 1006. 10 ADJ-A1 NoSubs
15 11 2 306 10 22.0 0.150 0.589 0.005 333. 140. -13.8 0.0380 0.83 0.20 1.74 340.0 10.0 287.0 2.0 11
4.10 999. 1006. 10 ADJ-A1 NoSubs
15 11 2 306 11 29.4 0.205 0.706 0.005 429. 223. -26.3 0.0340 0.83 0.19 2.57 130.0 10.0 287.0 2.0 11
0.50 999. 1006. 10 ADJ-A1 NoSubs
15 11 2 306 12 117.3 0.196 1.312 0.006 691. 208. -5.7 0.0290 0.83 0.18 2.18 244.0 10.0 288.1 2.0 0
0.00 999. 1005. 7 ADJ-A1 NoSubs
15 11 2 306 13 115.7 0.279 1.384 0.006 822. 354. -16.8 0.0380 0.83 0.18 3.29 225.0 10.0 289.2 2.0 0
0.00 999. 1005. 7 ADJ-A1 NoSubs
15 11 2 306 14 124.0 0.341 1.469 0.006 917. 478. -28.6 0.0230 0.83 0.19 4.63 198.0 10.0 288.8 2.0 0
0.00 83. 1004. 3 ADJ-A1 NoSubs
15 11 2 306 15 88.3 0.349 1.342 0.007 980. 494. -42.9 0.0380 0.83 0.21 4.42 217.0 10.0 290.4 2.0 0
0.00 64. 1003. 5 ADJ-A1 NoSubs
15 11 2 306 16 43.3 0.323 1.068 0.007 1009. 441. -69.5 0.0290 0.83 0.28 4.42 268.0 10.0 289.9 2.0 0
0.00 55. 1003. 3 ADJ-A1 NoSubs
15 11 2 306 17 -11.5 0.289 -9.000 -9.000 -999. 374. 188.2 0.0260 0.83 0.47 4.44 275.0 10.0 288.8 2.0 0
0.00 56. 1003. 3 ADJ-A1 NoSubs
15 11 2 306 18 -27.8 0.285 -9.000 -9.000 -999. 365. 89.2 0.0290 0.83 1.00 4.37 256.0 10.0 287.5 2.0 0
0.00 61. 1003. 0 ADJ-A1 NoSubs
15 11 2 306 19 -19.0 0.194 -9.000 -9.000 -999. 209. 41.5 0.0290 0.83 1.00 3.03 250.0 10.0 287.0 2.0 0
0.00 66. 1003. 0 ADJ-A1 NoSubs
15 11 2 306 20 -10.6 0.135 -9.000 -9.000 -999. 120. 20.8 0.0260 0.83 1.00 2.20 287.0 10.0 284.9 2.0 0
0.00 79. 1003. 0 ADJ-A1 NoSubs
15 11 2 306 21 -9.7 0.128 -9.000 -9.000 -999. 110. 19.6 0.0260 0.83 1.00 2.10 296.0 10.0 283.8 2.0 0
0.00 82. 1004. 0 ADJ-A1 NoSubs
15 11 2 306 22 -10.3 0.134 -9.000 -9.000 -999. 118. 20.9 0.0330 0.83 1.00 2.10 312.0 10.0 283.1 2.0 0
0.00 86. 1004. 0 ADJ-A1 NoSubs
15 11 2 306 23 -7.9 0.116 -9.000 -9.000 -999. 95. 17.5 0.0260 0.83 1.00 1.91 298.0 10.0 283.1 2.0 0

0.00 82. 1004. 0 ADJ-A1 NoSubs
15 11 2 306 24 -7.0 0.109 -9.000 -9.000 -999. 87. 16.7 0.0330 0.83 1.00 1.74 322.0 10.0 282.0 2.0 0
0.00 85. 1004. 3 ADJ-A1 NoSubs
15 11 3 307 1 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 311.0 10.0 282.0 2.0 0
0.00 85. 1005. 0 ADJ-A1 NoSubs
15 11 3 307 2 -10.5 0.135 -9.000 -9.000 -999. 119. 20.9 0.0330 0.83 1.00 2.11 308.0 10.0 281.4 2.0 0
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15 11 3 307 3 -14.3 0.158 -9.000 -9.000 -999. 151. 27.6 0.0330 0.83 1.00 2.45 309.0 10.0 281.4 2.0 0
0.00 85. 1005. 0 ADJ-A1 NoSubs
15 11 3 307 4 -18.0 0.180 -9.000 -9.000 -999. 183. 35.7 0.0330 0.83 1.00 2.76 301.0 10.0 281.4 2.0 0
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15 11 3 307 5 -13.7 0.155 -9.000 -9.000 -999. 147. 26.4 0.0330 0.83 1.00 2.40 316.0 10.0 281.4 2.0 0
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15 11 3 307 6 -5.2 0.094 -9.000 -9.000 -999. 70. 14.3 0.0330 0.83 1.00 1.50 318.0 10.0 281.4 2.0 0
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15 11 3 307 7 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0330 0.83 1.00 1.79 307.0 10.0 280.9 2.0 0
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15 11 3 307 8 -1.4 0.143 -9.000 -9.000 -999. 129. 188.0 0.0330 0.83 0.39 2.10 308.0 10.0 284.2 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
15 11 3 307 9 51.2 0.113 0.903 0.007 517. 92. -2.5 0.0290 0.83 0.25 1.13 67.0 10.0 287.0 2.0 0
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15 11 3 307 10 95.8 0.164 1.144 0.006 561. 159. -4.1 0.0370 0.83 0.20 1.65 153.0 10.0 288.8 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
15 11 3 307 11 125.8 0.195 1.291 0.005 615. 206. -5.3 0.0370 0.83 0.19 2.03 172.0 10.0 289.9 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
15 11 3 307 12 139.8 0.323 1.375 0.005 669. 441. -21.7 0.0380 0.83 0.18 3.90 223.0 10.0 290.4 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
15 11 3 307 13 137.7 0.370 1.402 0.005 719. 540. -33.0 0.0380 0.83 0.18 4.61 222.0 10.0 291.4 2.0 0
0.00 51. 1007. 0 ADJ-A1 NoSubs
15 11 3 307 14 119.3 0.364 1.598 0.005 1229. 526. -36.2 0.0380 0.83 0.19 4.56 213.0 10.0 292.0 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
15 11 3 307 15 85.0 0.356 1.511 0.005 1460. 510. -47.6 0.0380 0.83 0.21 4.54 217.0 10.0 292.0 2.0 0
0.00 44. 1006. 0 ADJ-A1 NoSubs
15 11 3 307 16 37.0 0.292 1.157 0.005 1506. 381. -60.7 0.0380 0.83 0.28 3.78 233.0 10.0 291.4 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
15 11 3 307 17 -7.6 0.138 -9.000 -9.000 -999. 142. 30.9 0.0330 0.83 0.48 2.11 309.0 10.0 290.9 2.0 0
0.00 40. 1007. 0 ADJ-A1 NoSubs
15 11 3 307 18 -8.0 0.118 -9.000 -9.000 -999. 97. 18.3 0.0330 0.83 1.00 1.86 329.0 10.0 288.1 2.0 0
0.00 50. 1007. 0 ADJ-A1 NoSubs
15 11 3 307 19 -10.2 0.132 -9.000 -9.000 -999. 115. 20.3 0.0260 0.83 1.00 2.15 297.0 10.0 286.4 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
15 11 3 307 20 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 311.0 10.0 284.9 2.0 0
0.00 68. 1008. 0 ADJ-A1 NoSubs
15 11 3 307 21 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0330 0.83 1.00 1.84 318.0 10.0 282.5 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
15 11 3 307 22 -6.9 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.83 1.00 1.72 304.0 10.0 283.1 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
15 11 3 307 23 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 313.0 10.0 282.0 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
15 11 3 307 24 -15.5 0.165 -9.000 -9.000 -999. 161. 29.9 0.0330 0.83 1.00 2.54 310.0 10.0 282.0 2.0 0
0.00 73. 1009. 0 ADJ-A1 NoSubs
15 11 4 308 1 -14.6 0.160 -9.000 -9.000 -999. 153. 28.1 0.0330 0.83 1.00 2.47 308.0 10.0 281.4 2.0 0
0.00 73. 1009. 0 ADJ-A1 NoSubs
15 11 4 308 2 -16.5 0.170 -9.000 -9.000 -999. 169. 31.9 0.0330 0.83 1.00 2.62 315.0 10.0 280.9 2.0 0

0.00 76. 1009. 0 ADJ-A1 NoSubs
15 11 4 308 3 -15.6 0.165 -9.000 -9.000 -999. 162. 30.1 0.0330 0.83 1.00 2.55 309.0 10.0 280.9 2.0 0
0.00 78. 1009. 0 ADJ-A1 NoSubs
15 11 4 308 4 -16.8 0.172 -9.000 -9.000 -999. 171. 32.4 0.0330 0.83 1.00 2.64 313.0 10.0 280.4 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
15 11 4 308 5 -6.1 0.101 -9.000 -9.000 -999. 79. 15.4 0.0330 0.83 1.00 1.62 326.0 10.0 279.9 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
15 11 4 308 6 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0330 0.83 1.00 1.45 319.0 10.0 279.2 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
15 11 4 308 7 -10.1 0.131 -9.000 -9.000 -999. 114. 20.2 0.0330 0.83 1.00 2.06 316.0 10.0 279.2 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
15 11 4 308 8 -1.4 0.088 -9.000 -9.000 -999. 63. 45.5 0.0310 0.83 0.40 1.35 24.0 10.0 282.5 2.0 0
0.00 73. 1011. 0 ADJ-A1 NoSubs
15 11 4 308 9 49.4 0.122 0.657 0.005 207. 103. -3.3 0.0300 0.83 0.25 1.26 97.0 10.0 285.4 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
15 11 4 308 10 95.0 0.205 0.937 0.005 312. 223. -8.2 0.0380 0.83 0.21 2.25 360.0 10.0 290.4 2.0 0
0.00 29. 1011. 0 ADJ-A1 NoSubs
15 11 4 308 11 125.3 0.300 1.385 0.005 766. 395. -19.4 0.0330 0.83 0.19 3.69 320.0 10.0 292.0 2.0 0
0.00 26. 1011. 0 ADJ-A1 NoSubs
15 11 4 308 12 139.3 0.264 1.630 0.005 1123. 325. -11.8 0.0380 0.83 0.18 3.00 333.0 10.0 292.5 2.0 0
0.00 24. 1011. 0 ADJ-A1 NoSubs
15 11 4 308 13 137.1 0.235 1.741 0.005 1390. 274. -8.6 0.0330 0.83 0.18 2.67 315.0 10.0 293.1 2.0 0
0.00 21. 1010. 0 ADJ-A1 NoSubs
15 11 4 308 14 118.9 0.264 1.742 0.005 1605. 325. -13.9 0.0310 0.83 0.19 3.19 1.0 10.0 294.2 2.0 0
0.00 21. 1010. 0 ADJ-A1 NoSubs
15 11 4 308 15 84.4 0.291 1.564 0.005 1638. 377. -26.4 0.0380 0.83 0.22 3.57 359.0 10.0 293.8 2.0 0
0.00 21. 1011. 0 ADJ-A1 NoSubs
15 11 4 308 16 36.5 0.231 1.186 0.005 1650. 267. -30.4 0.0380 0.83 0.28 2.86 348.0 10.0 293.1 2.0 0
0.00 21. 1011. 0 ADJ-A1 NoSubs
15 11 4 308 17 -10.2 0.175 -9.000 -9.000 -999. 177. 47.9 0.0380 0.83 0.49 2.59 331.0 10.0 290.9 2.0 0
0.00 24. 1011. 0 ADJ-A1 NoSubs
15 11 4 308 18 -16.0 0.168 -9.000 -9.000 -999. 166. 31.2 0.0330 0.83 1.00 2.59 327.0 10.0 288.1 2.0 0
0.00 31. 1012. 0 ADJ-A1 NoSubs
15 11 4 308 19 -18.5 0.187 -9.000 -9.000 -999. 194. 38.5 0.0330 0.83 1.00 2.86 306.0 10.0 285.9 2.0 0
0.00 41. 1013. 0 ADJ-A1 NoSubs
15 11 4 308 20 -18.2 0.182 -9.000 -9.000 -999. 187. 36.5 0.0330 0.83 1.00 2.79 311.0 10.0 283.8 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
15 11 4 308 21 -8.6 0.121 -9.000 -9.000 -999. 102. 18.7 0.0330 0.83 1.00 1.91 308.0 10.0 282.5 2.0 0
0.00 55. 1014. 0 ADJ-A1 NoSubs
15 11 4 308 22 -6.3 0.103 -9.000 -9.000 -999. 79. 15.7 0.0330 0.83 1.00 1.64 311.0 10.0 281.4 2.0 0
0.00 62. 1015. 0 ADJ-A1 NoSubs
15 11 4 308 23 -15.4 0.163 -9.000 -9.000 -999. 158. 29.4 0.0330 0.83 1.00 2.52 316.0 10.0 280.9 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
15 11 4 308 24 -18.5 0.182 -9.000 -9.000 -999. 186. 36.5 0.0330 0.83 1.00 2.79 311.0 10.0 280.4 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
15 11 5 309 1 -16.3 0.168 -9.000 -9.000 -999. 166. 31.1 0.0330 0.83 1.00 2.59 306.0 10.0 280.4 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
15 11 5 309 2 -16.7 0.170 -9.000 -9.000 -999. 169. 31.9 0.0330 0.83 1.00 2.62 312.0 10.0 280.4 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
15 11 5 309 3 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0330 0.83 1.00 1.79 319.0 10.0 280.4 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
15 11 5 309 4 -6.5 0.105 -9.000 -9.000 -999. 81. 15.9 0.0330 0.83 1.00 1.67 317.0 10.0 279.9 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
15 11 5 309 5 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0330 0.83 1.00 1.23 311.0 10.0 279.9 2.0 0

0.00 70. 1016. 0 ADJ-A1 NoSubs
15 11 5 309 6 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0260 0.83 1.00 1.45 283.0 10.0 279.9 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
15 11 5 309 7 -2.7 0.070 -9.000 -9.000 -999. 44. 11.1 0.0260 0.83 1.00 1.08 291.0 10.0 279.9 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
15 11 5 309 8 -1.6 0.079 -9.000 -9.000 -999. 54. 28.9 0.0340 0.83 0.40 1.21 133.0 10.0 281.4 2.0 0
0.00 62. 1018. 0 ADJ-A1 NoSubs
15 11 5 309 9 47.9 0.125 0.619 0.008 180. 106. -3.7 0.0300 0.83 0.26 1.30 115.0 10.0 284.9 2.0 0
0.00 51. 1019. 0 ADJ-A1 NoSubs
15 11 5 309 10 92.5 0.144 0.885 0.005 272. 131. -2.9 0.0300 0.83 0.21 1.45 104.0 10.0 287.0 2.0 0
0.00 46. 1019. 0 ADJ-A1 NoSubs
15 11 5 309 11 122.9 0.161 1.148 0.005 448. 155. -3.1 0.0340 0.83 0.19 1.59 134.0 10.0 289.2 2.0 0
0.00 38. 1019. 0 ADJ-A1 NoSubs
15 11 5 309 12 137.5 0.164 1.390 0.005 710. 159. -2.9 0.0340 0.83 0.18 1.60 133.0 10.0 291.4 2.0 0
0.00 30. 1018. 0 ADJ-A1 NoSubs
15 11 5 309 13 135.7 0.246 1.545 0.005 988. 292. -9.9 0.0230 0.83 0.19 3.05 196.0 10.0 293.1 2.0 0
0.00 26. 1018. 0 ADJ-A1 NoSubs
15 11 5 309 14 117.1 0.263 1.552 0.005 1161. 324. -14.1 0.0380 0.83 0.19 3.05 220.0 10.0 293.1 2.0 0
0.00 24. 1018. 0 ADJ-A1 NoSubs
15 11 5 309 15 81.7 0.289 1.415 0.006 1259. 372. -26.7 0.0380 0.83 0.22 3.54 215.0 10.0 290.4 2.0 0
0.00 33. 1018. 0 ADJ-A1 NoSubs
15 11 5 309 16 34.0 0.189 1.066 0.007 1293. 202. -18.0 0.0290 0.83 0.28 2.37 243.0 10.0 289.9 2.0 0
0.00 49. 1017. 0 ADJ-A1 NoSubs
15 11 5 309 17 -10.2 0.162 -9.000 -9.000 -999. 156. 37.6 0.0290 0.83 0.49 2.52 242.0 10.0 287.5 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
15 11 5 309 18 -5.1 0.092 -9.000 -9.000 -999. 69. 14.1 0.0300 0.83 1.00 1.50 118.0 10.0 287.0 2.0 0
0.00 74. 1018. 0 ADJ-A1 NoSubs
15 11 5 309 19 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.83 1.00 1.79 331.0 10.0 284.9 2.0 0
0.00 68. 1018. 0 ADJ-A1 NoSubs
15 11 5 309 20 -11.1 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.83 1.00 2.16 328.0 10.0 283.8 2.0 0
0.00 68. 1018. 0 ADJ-A1 NoSubs
15 11 5 309 21 -11.1 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.83 1.00 2.16 314.0 10.0 283.1 2.0 0
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15 11 6 310 1 -9.6 0.128 -9.000 -9.000 -999. 110. 19.8 0.0330 0.83 1.00 2.01 319.0 10.0 281.4 2.0 0
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15 11 6 310 9 46.8 0.137 0.573 0.006 146. 121. -5.0 0.0330 0.83 0.26 1.45 46.0 10.0 285.4 2.0 0
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15 11 6 310 10 92.1 0.233 1.001 0.005 395. 271. -12.5 0.0290 0.83 0.21 2.83 64.0 10.0 289.9 2.0 0
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0.00 32. 1020. 0 ADJ-A1 NoSubs
15 11 6 310 12 136.9 0.158 1.420 0.006 761. 152. -2.6 0.0340 0.83 0.19 1.52 129.0 10.0 293.1 2.0 0
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15 11 6 310 13 134.7 0.159 1.495 0.005 902. 152. -2.7 0.0380 0.83 0.19 1.50 235.0 10.0 293.8 2.0 0
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15 11 6 310 17 -6.0 0.115 -9.000 -9.000 -999. 121. 22.8 0.0380 0.83 0.50 1.74 228.0 10.0 290.4 2.0 0
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15 11 6 310 18 -4.7 0.089 -9.000 -9.000 -999. 64. 13.4 0.0260 0.83 1.00 1.48 280.0 10.0 288.1 2.0 0
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15 11 6 310 20 -6.8 0.106 -9.000 -9.000 -999. 83. 16.0 0.0260 0.83 1.00 1.76 272.0 10.0 285.4 2.0 0
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15 11 6 310 22 -11.3 0.140 -9.000 -9.000 -999. 125. 21.8 0.0330 0.83 1.00 2.18 303.0 10.0 283.1 2.0 0
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15 11 6 310 23 -13.7 0.154 -9.000 -9.000 -999. 146. 26.2 0.0330 0.83 1.00 2.39 328.0 10.0 282.5 2.0 0
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15 11 7 311 2 -13.5 0.153 -9.000 -9.000 -999. 144. 25.7 0.0330 0.83 1.00 2.37 306.0 10.0 281.4 2.0 0
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15 11 7 311 3 -9.3 0.126 -9.000 -9.000 -999. 107. 19.4 0.0330 0.83 1.00 1.98 308.0 10.0 282.0 2.0 0
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15 11 7 311 5 -3.1 0.074 -9.000 -9.000 -999. 49. 11.7 0.0330 0.83 1.00 1.13 301.0 10.0 280.4 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
15 11 7 311 6 -2.7 0.070 -9.000 -9.000 -999. 44. 11.1 0.0260 0.83 1.00 1.08 284.0 10.0 279.9 2.0 0
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15 11 7 311 7 -6.5 0.105 -9.000 -9.000 -999. 81. 15.9 0.0330 0.83 1.00 1.67 306.0 10.0 280.4 2.0 0
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15 11 7 311 8 -1.9 0.081 -9.000 -9.000 -999. 55. 25.1 0.0330 0.83 0.41 1.25 32.0 10.0 283.1 2.0 0
0.00 65. 1016. 0 ADJ-A1 NoSubs
15 11 7 311 9 45.5 0.151 0.563 0.013 142. 141. -6.9 0.0300 0.83 0.26 1.71 110.0 10.0 285.4 2.0 0
0.00 58. 1016. 0 ADJ-A1 NoSubs
15 11 7 311 10 90.4 0.205 0.956 0.012 350. 223. -8.7 0.0340 0.83 0.21 2.32 132.0 10.0 288.8 2.0 0
0.00 46. 1015. 0 ADJ-A1 NoSubs
15 11 7 311 11 121.3 0.193 1.112 0.010 410. 203. -5.3 0.0370 0.83 0.19 2.01 154.0 10.0 292.0 2.0 0

0.00 39. 1015. 0 ADJ-A1 NoSubs
15 11 7 311 12 135.8 0.191 1.202 0.008 463. 200. -4.6 0.0230 0.83 0.19 2.18 202.0 10.0 293.8 2.0 0
0.00 38. 1014. 0 ADJ-A1 NoSubs
15 11 7 311 13 133.9 0.246 1.250 0.006 527. 293. -10.1 0.0380 0.83 0.19 2.76 222.0 10.0 294.9 2.0 0
0.00 33. 1013. 0 ADJ-A1 NoSubs
15 11 7 311 14 115.5 0.275 1.233 0.005 586. 345. -16.2 0.0290 0.83 0.19 3.41 247.0 10.0 295.4 2.0 0
0.00 30. 1012. 0 ADJ-A1 NoSubs
15 11 7 311 15 80.9 0.281 1.130 0.005 644. 357. -24.6 0.0290 0.83 0.22 3.61 244.0 10.0 294.2 2.0 0
0.00 34. 1012. 0 ADJ-A1 NoSubs
15 11 7 311 16 33.0 0.237 0.852 0.005 675. 278. -36.6 0.0380 0.83 0.29 2.98 228.0 10.0 293.1 2.0 0
0.00 35. 1011. 0 ADJ-A1 NoSubs
15 11 7 311 17 -9.9 0.151 -9.000 -9.000 -999. 143. 31.0 0.0230 0.83 0.50 2.45 182.0 10.0 289.2 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
15 11 7 311 18 -10.6 0.136 -9.000 -9.000 -999. 120. 21.3 0.0340 0.83 1.00 2.11 127.0 10.0 287.0 2.0 0
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15 11 7 311 19 -7.1 0.110 -9.000 -9.000 -999. 87. 16.8 0.0310 0.83 1.00 1.76 26.0 10.0 286.4 2.0 0
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15 11 7 311 20 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0310 0.83 1.00 1.81 4.0 10.0 284.9 2.0 0
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15 11 7 311 21 -14.3 0.159 -9.000 -9.000 -999. 153. 27.9 0.0380 0.83 1.00 2.40 338.0 10.0 283.8 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
15 11 7 311 22 -17.2 0.174 -9.000 -9.000 -999. 174. 33.2 0.0330 0.83 1.00 2.67 323.0 10.0 283.1 2.0 0
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15 11 7 311 23 -17.9 0.178 -9.000 -9.000 -999. 181. 35.0 0.0380 0.83 1.00 2.67 332.0 10.0 282.5 2.0 0
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15 11 7 311 24 -18.4 0.184 -9.000 -9.000 -999. 189. 37.1 0.0330 0.83 1.00 2.81 310.0 10.0 282.5 2.0 0
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15 11 8 312 3 -11.3 0.140 -9.000 -9.000 -999. 125. 21.7 0.0330 0.83 1.00 2.18 323.0 10.0 281.4 2.0 0
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15 11 8 312 6 -6.3 0.103 -9.000 -9.000 -999. 80. 15.7 0.0330 0.83 1.00 1.65 322.0 10.0 279.9 2.0 0
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0.00 85. 1011. 0 ADJ-A1 NoSubs
15 11 8 312 8 -2.8 0.098 -9.000 -9.000 -999. 74. 30.2 0.0260 0.83 0.42 1.57 294.0 10.0 283.8 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
15 11 8 312 9 44.2 0.112 0.646 0.005 220. 90. -2.9 0.0300 0.83 0.26 1.13 102.0 10.0 285.4 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
15 11 8 312 10 93.9 0.127 1.050 0.008 444. 108. -2.0 0.0300 0.83 0.21 1.20 109.0 10.0 288.1 2.0 0
0.00 63. 1012. 3 ADJ-A1 NoSubs
15 11 8 312 11 100.7 0.134 1.173 0.009 578. 118. -2.2 0.0340 0.83 0.19 1.25 142.0 10.0 289.2 2.0 0
0.00 59. 1011. 7 ADJ-A1 NoSubs
15 11 8 312 12 32.4 0.135 0.827 0.011 629. 119. -6.8 0.0340 0.83 0.19 1.48 136.0 10.0 291.4 2.0 0
0.00 51. 1011. 10 ADJ-A1 NoSubs
15 11 8 312 13 30.6 0.246 0.827 0.012 666. 293. -43.9 0.0290 0.83 0.19 3.29 242.0 10.0 288.1 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
15 11 8 312 14 25.8 0.184 0.793 0.012 698. 190. -21.7 0.0230 0.83 0.20 2.45 201.0 10.0 287.5 2.0 11

1.00 100. 1010. 10 ADJ-A1 NoSubs
15 11 8 312 15 17.2 0.157 0.701 0.012 720. 149. -20.1 0.0370 0.83 0.22 1.89 156.0 10.0 287.5 2.0 11
2.50 999. 1010. 10 ADJ-A1 NoSubs
15 11 8 312 16 5.4 0.132 0.478 0.012 726. 115. -38.1 0.0370 0.83 0.29 1.67 167.0 10.0 287.5 2.0 11
0.20 999. 1009. 10 ADJ-A1 NoSubs
15 11 8 312 17 -4.3 0.090 -9.000 -9.000 -999. 65. 15.2 0.0230 0.83 0.51 1.52 201.0 10.0 287.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
15 11 8 312 18 -10.8 0.138 -9.000 -9.000 -999. 123. 21.9 0.0380 0.83 1.00 2.10 215.0 10.0 287.0 2.0 11
2.30 100. 1009. 10 ADJ-A1 NoSubs
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4.10 100. 1010. 10 ADJ-A1 NoSubs
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15 11 9 313 7 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0330 0.83 1.00 1.45 311.0 10.0 283.1 2.0 11
1.00 100. 1009. 10 ADJ-A1 NoSubs
15 11 9 313 8 -3.2 0.086 -9.000 -9.000 -999. 61. 18.1 0.0380 0.83 0.42 1.33 332.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
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0.00 92. 1009. 7 ADJ-A1 NoSubs
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0.80 82. 1009. 10 ADJ-A1 NoSubs
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5.60 96. 1010. 10 ADJ-A1 NoSubs
15 11 9 313 12 30.3 0.377 0.785 0.005 574. 555. -158.5 0.0340 0.83 0.19 5.17 139.0 10.0 286.4 2.0 11
1.30 89. 1009. 10 ADJ-A1 NoSubs
15 11 9 313 13 107.1 0.253 1.423 0.005 968. 315. -13.6 0.0310 0.83 0.19 3.05 10.0 10.0 284.2 2.0 11
1.00 96. 1009. 7 ADJ-A1 NoSubs
15 11 9 313 14 110.6 0.141 1.538 0.005 1185. 134. -2.3 0.0290 0.83 0.20 1.38 75.0 10.0 287.0 2.0 0
0.00 96. 1008. 5 ADJ-A1 NoSubs
15 11 9 313 15 79.6 0.306 1.435 0.005 1337. 407. -32.4 0.0380 0.83 0.22 3.81 227.0 10.0 288.8 2.0 0
0.00 66. 1008. 5 ADJ-A1 NoSubs
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15 11 9 313 19 -10.7 0.136 -9.000 -9.000 -999. 121. 21.3 0.0330 0.83 1.00 2.13 307.0 10.0 283.8 2.0 0
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0.00 85. 1011. 0 ADJ-A1 NoSubs
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15 11 9 313 23 -7.7 0.114 -9.000 -9.000 -999. 93. 17.5 0.0330 0.83 1.00 1.81 309.0 10.0 280.9 2.0 0
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0.00 85. 1014. 0 ADJ-A1 NoSubs
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0.00 88. 1014. 0 ADJ-A1 NoSubs
15 11 10 314 7 -12.7 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.83 1.00 2.30 309.0 10.0 279.9 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
15 11 10 314 8 -5.7 0.152 -9.000 -9.000 -999. 143. 55.9 0.0330 0.83 0.43 2.30 314.0 10.0 281.4 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
15 11 10 314 9 41.3 0.108 0.722 0.005 331. 85. -2.8 0.0290 0.83 0.27 1.09 78.0 10.0 284.2 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
15 11 10 314 10 85.7 0.134 1.087 0.005 544. 117. -2.5 0.0340 0.83 0.21 1.28 132.0 10.0 286.4 2.0 0
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15 11 10 314 11 97.7 0.152 1.358 0.005 930. 143. -3.3 0.0340 0.83 0.19 1.52 143.0 10.0 286.4 2.0 0
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15 11 10 314 13 132.6 0.207 1.675 0.005 1289. 226. -6.1 0.0380 0.83 0.19 2.18 355.0 10.0 289.9 2.0 0
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15 11 10 314 14 110.2 0.181 1.590 0.005 1326. 185. -4.9 0.0330 0.83 0.20 1.92 32.0 10.0 289.2 2.0 0
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15 11 10 314 15 75.3 0.213 1.410 0.005 1350. 237. -11.7 0.0290 0.83 0.22 2.57 259.0 10.0 289.2 2.0 0
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15 11 10 314 16 28.1 0.171 1.017 0.005 1359. 170. -16.1 0.0380 0.83 0.30 2.01 230.0 10.0 288.8 2.0 0
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15 11 10 314 18 -5.6 0.096 -9.000 -9.000 -999. 71. 14.4 0.0260 0.83 1.00 1.60 282.0 10.0 285.4 2.0 0
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15 11 10 314 19 -9.9 0.130 -9.000 -9.000 -999. 112. 20.2 0.0330 0.83 1.00 2.04 305.0 10.0 283.8 2.0 0
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15 11 10 314 20 -12.7 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.83 1.00 2.30 310.0 10.0 282.5 2.0 0

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15 11 10 314 21 -13.3 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.83 1.00 2.35 307.0 10.0 282.0 2.0 0
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15 11 11 315 1 -15.5 0.163 -9.000 -9.000 -999. 158. 29.3 0.0330 0.83 1.00 2.52 310.0 10.0 279.9 2.0 0
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15 11 11 315 5 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0380 0.83 1.00 1.38 343.0 10.0 278.8 2.0 0
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15 11 11 315 6 -3.0 0.072 -9.000 -9.000 -999. 47. 11.6 0.0330 0.83 1.00 1.09 303.0 10.0 278.1 2.0 0
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15 11 11 315 9 39.6 0.112 0.528 0.010 136. 90. -3.3 0.0290 0.83 0.27 1.16 68.0 10.0 282.5 2.0 0
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15 11 11 315 12 129.0 0.155 1.251 0.006 554. 147. -2.6 0.0300 0.83 0.19 1.54 113.0 10.0 289.9 2.0 0
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15 11 11 315 13 127.4 0.164 1.292 0.005 617. 159. -3.1 0.0340 0.83 0.19 1.62 127.0 10.0 291.4 2.0 0
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15 11 11 315 19 -7.8 0.115 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.82 312.0 10.0 284.2 2.0 0
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15 11 11 315 20 -10.8 0.136 -9.000 -9.000 -999. 121. 21.2 0.0330 0.83 1.00 2.13 313.0 10.0 283.1 2.0 0
0.00 76. 1020. 0 ADJ-A1 NoSubs
15 11 11 315 21 -14.2 0.156 -9.000 -9.000 -999. 148. 26.9 0.0330 0.83 1.00 2.42 310.0 10.0 282.5 2.0 0
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15 11 11 315 22 -9.6 0.128 -9.000 -9.000 -999. 110. 19.8 0.0330 0.83 1.00 2.01 312.0 10.0 282.0 2.0 0
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15 11 11 315 23 -10.3 0.133 -9.000 -9.000 -999. 116. 20.6 0.0330 0.83 1.00 2.08 309.0 10.0 281.4 2.0 0

0.00 79. 1020. 0 ADJ-A1 NoSubs
15 11 11 315 24 -12.5 0.147 -9.000 -9.000 -999. 135. 23.6 0.0330 0.83 1.00 2.28 307.0 10.0 280.9 2.0 0
0.00 78. 1020. 0 ADJ-A1 NoSubs
15 11 12 316 1 -13.4 0.151 -9.000 -9.000 -999. 142. 25.2 0.0330 0.83 1.00 2.35 309.0 10.0 280.4 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
15 11 12 316 2 -9.1 0.124 -9.000 -9.000 -999. 105. 19.1 0.0330 0.83 1.00 1.96 317.0 10.0 279.9 2.0 0
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15 11 12 316 3 -9.3 0.126 -9.000 -9.000 -999. 107. 19.3 0.0330 0.83 1.00 1.98 312.0 10.0 279.9 2.0 0
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15 11 12 316 9 38.8 0.095 0.511 0.007 125. 71. -2.0 0.0300 0.83 0.27 0.91 108.0 10.0 284.2 2.0 0
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15 11 12 316 10 83.4 0.124 0.874 0.006 290. 105. -2.1 0.0290 0.83 0.21 1.20 89.0 10.0 287.5 2.0 0
0.00 55. 1018. 0 ADJ-A1 NoSubs
15 11 12 316 11 114.3 0.193 1.184 0.009 528. 204. -5.7 0.0290 0.83 0.19 2.15 81.0 10.0 290.9 2.0 0
0.00 42. 1018. 0 ADJ-A1 NoSubs
15 11 12 316 12 128.4 0.240 1.329 0.009 665. 281. -9.7 0.0300 0.83 0.19 2.81 98.0 10.0 291.4 2.0 0
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15 11 12 316 13 126.4 0.176 1.380 0.008 754. 179. -3.9 0.0370 0.83 0.19 1.76 178.0 10.0 292.0 2.0 0
0.00 35. 1016. 0 ADJ-SFC NoSubs
15 11 12 316 14 108.0 0.282 1.348 0.008 822. 360. -18.8 0.0380 0.83 0.20 3.36 215.0 10.0 292.0 2.0 0
0.00 39. 1015. 0 ADJ-SFC NoSubs
15 11 12 316 15 74.4 0.242 1.209 0.007 860. 286. -17.2 0.0380 0.83 0.22 2.86 221.0 10.0 292.5 2.0 0
0.00 41. 1014. 0 ADJ-SFC NoSubs
15 11 12 316 16 27.1 0.147 0.867 0.007 868. 140. -10.7 0.0290 0.83 0.30 1.76 242.0 10.0 291.4 2.0 0
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15 11 12 316 17 -6.3 0.112 -9.000 -9.000 -999. 90. 20.2 0.0330 0.83 0.53 1.76 301.0 10.0 289.9 2.0 0
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15 11 12 316 18 -12.4 0.146 -9.000 -9.000 -999. 134. 23.4 0.0260 0.83 1.00 2.36 288.0 10.0 287.0 2.0 0
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15 11 12 316 19 -13.3 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 308.0 10.0 284.9 2.0 0
0.00 71. 1014. 0 ADJ-SFC NoSubs
15 11 12 316 20 -13.9 0.156 -9.000 -9.000 -999. 148. 26.9 0.0380 0.83 1.00 2.36 330.0 10.0 283.8 2.0 0
0.00 70. 1015. 0 ADJ-SFC NoSubs
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0.00 70. 1015. 0 ADJ-SFC NoSubs
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0.00 70. 1015. 0 ADJ-A1 NoSubs
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0.00 73. 1014. 0 ADJ-A1 NoSubs
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0.00 70. 1014. 0 ADJ-A1 NoSubs
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15 11 13 317 4 -4.2 0.083 -9.000 -9.000 -999. 58. 12.5 0.0260 0.83 1.00 1.38 296.0 10.0 280.4 2.0 0
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15 11 13 317 8 -3.2 0.089 -9.000 -9.000 -999. 63. 19.7 0.0260 0.83 0.45 1.45 280.0 10.0 281.4 2.0 0
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15 11 13 317 9 37.7 0.101 0.511 0.013 128. 77. -2.4 0.0300 0.83 0.27 0.99 98.0 10.0 284.9 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
15 11 13 317 10 82.5 0.114 0.809 0.011 232. 92. -1.6 0.0340 0.83 0.22 1.01 123.0 10.0 288.8 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
15 11 13 317 11 113.2 0.138 1.013 0.009 332. 123. -2.1 0.0340 0.83 0.19 1.28 121.0 10.0 291.4 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
15 11 13 317 12 128.1 0.139 1.141 0.007 419. 124. -1.9 0.0300 0.83 0.19 1.31 115.0 10.0 293.8 2.0 0
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15 11 13 317 13 126.9 0.181 1.248 0.008 552. 185. -4.2 0.0290 0.83 0.19 1.94 84.0 10.0 295.9 2.0 0
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15 11 13 317 14 108.9 0.189 1.264 0.010 669. 198. -5.6 0.0340 0.83 0.20 2.03 135.0 10.0 296.4 2.0 0
0.00 36. 1010. 0 ADJ-A1 NoSubs
15 11 13 317 15 74.6 0.189 1.150 0.010 736. 197. -8.2 0.0230 0.83 0.23 2.30 183.0 10.0 295.4 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
15 11 13 317 16 27.9 0.120 0.838 0.010 760. 101. -5.6 0.0230 0.83 0.30 1.40 183.0 10.0 295.4 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
15 11 13 317 17 -4.0 0.088 -9.000 -9.000 -999. 62. 15.3 0.0290 0.83 0.54 1.43 257.0 10.0 291.4 2.0 0
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15 11 13 317 18 -7.0 0.109 -9.000 -9.000 -999. 87. 17.0 0.0330 0.83 1.00 1.74 311.0 10.0 288.8 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
15 11 13 317 19 -3.7 0.079 -9.000 -9.000 -999. 53. 12.1 0.0260 0.83 1.00 1.30 296.0 10.0 286.4 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
15 11 13 317 20 -11.2 0.140 -9.000 -9.000 -999. 125. 21.9 0.0330 0.83 1.00 2.18 301.0 10.0 285.9 2.0 0
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0.00 76. 1010. 0 ADJ-A1 NoSubs
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0.00 73. 1010. 0 ADJ-A1 NoSubs
15 11 13 317 24 -12.6 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.83 1.00 2.30 304.0 10.0 283.1 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
15 11 14 318 1 -8.4 0.119 -9.000 -9.000 -999. 99. 18.2 0.0290 0.83 1.00 1.93 259.0 10.0 282.5 2.0 0
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15 11 14 318 3 -8.1 0.118 -9.000 -9.000 -999. 97. 18.0 0.0330 0.83 1.00 1.86 318.0 10.0 281.4 2.0 0
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15 11 14 318 6 -6.1 0.101 -9.000 -9.000 -999. 78. 15.4 0.0330 0.83 1.00 1.62 314.0 10.0 279.9 2.0 0
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15 11 14 318 9 36.4 0.136 0.436 0.015 81. 121. -6.2 0.0340 0.83 0.28 1.48 135.0 10.0 284.9 2.0 0
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15 11 14 318 10 80.8 0.181 0.763 0.013 198. 185. -6.6 0.0340 0.83 0.22 1.98 141.0 10.0 287.5 2.0 0
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15 11 14 318 11 111.5 0.163 1.033 0.012 356. 158. -3.5 0.0340 0.83 0.20 1.64 123.0 10.0 290.4 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
15 11 14 318 12 126.4 0.154 1.159 0.011 443. 145. -2.6 0.0340 0.83 0.19 1.48 136.0 10.0 292.5 2.0 0
0.00 41. 1008. 0 ADJ-A1 NoSubs
15 11 14 318 13 124.5 0.214 1.203 0.009 503. 238. -7.1 0.0230 0.83 0.19 2.57 181.0 10.0 293.1 2.0 0
0.00 41. 1007. 0 ADJ-A1 NoSubs
15 11 14 318 14 105.9 0.300 1.174 0.009 548. 395. -22.9 0.0380 0.83 0.20 3.64 232.0 10.0 292.5 2.0 0
0.00 46. 1006. 0 ADJ-A1 NoSubs
15 11 14 318 15 71.8 0.251 1.056 0.008 589. 304. -19.9 0.0380 0.83 0.23 3.01 222.0 10.0 291.4 2.0 0
0.00 51. 1006. 0 ADJ-A1 NoSubs
15 11 14 318 16 24.7 0.215 0.745 0.008 601. 239. -35.9 0.0230 0.83 0.31 2.96 203.0 10.0 289.9 2.0 0
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15 11 14 318 17 -15.0 0.192 -9.000 -9.000 -999. 202. 42.4 0.0370 0.83 0.54 2.86 165.0 10.0 287.5 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
15 11 14 318 18 -18.3 0.186 -9.000 -9.000 -999. 193. 38.1 0.0290 0.83 1.00 2.91 69.0 10.0 287.0 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
15 11 14 318 19 -18.0 0.182 -9.000 -9.000 -999. 187. 36.5 0.0330 0.83 1.00 2.79 40.0 10.0 285.9 2.0 0
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15 11 14 318 20 -17.6 0.179 -9.000 -9.000 -999. 181. 35.1 0.0330 0.83 1.00 2.74 47.0 10.0 285.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
15 11 14 318 21 -13.0 0.152 -9.000 -9.000 -999. 142. 25.5 0.0380 0.83 1.00 2.30 356.0 10.0 285.4 2.0 0
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15 11 14 318 22 -4.4 0.087 -9.000 -9.000 -999. 62. 13.3 0.0330 0.83 1.00 1.38 324.0 10.0 285.4 2.0 0
0.00 86. 1007. 5 ADJ-A1 NoSubs
15 11 14 318 23 -4.1 0.083 -9.000 -9.000 -999. 58. 12.6 0.0260 0.83 1.00 1.38 273.0 10.0 284.2 2.0 0
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15 11 14 318 24 -8.5 0.121 -9.000 -9.000 -999. 101. 18.7 0.0330 0.83 1.00 1.91 323.0 10.0 283.1 2.0 0
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15 11 15 319 1 -8.3 0.120 -9.000 -9.000 -999. 99. 18.4 0.0330 0.83 1.00 1.89 311.0 10.0 283.1 2.0 0
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15 11 15 319 3 -7.8 0.116 -9.000 -9.000 -999. 95. 17.9 0.0330 0.83 1.00 1.84 317.0 10.0 284.2 2.0 0
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15 11 15 319 5 -18.4 0.186 -9.000 -9.000 -999. 192. 38.0 0.0300 0.83 1.00 2.89 98.0 10.0 284.2 2.0 11
2.30 86. 1005. 10 ADJ-A1 NoSubs
15 11 15 319 6 -23.0 0.232 -9.000 -9.000 -999. 268. 59.2 0.0370 0.83 1.00 3.44 156.0 10.0 283.8 2.0 11
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15 11 15 319 7 -18.7 0.189 -9.000 -9.000 -999. 197. 39.1 0.0300 0.83 1.00 2.93 113.0 10.0 283.8 2.0 11
2.80 999. 1005. 10 ADJ-A1 NoSubs
15 11 15 319 8 -14.1 0.212 -9.000 -9.000 -999. 235. 60.8 0.0340 0.83 0.46 3.18 147.0 10.0 284.2 2.0 11

3.60 100. 1005. 10 ADJ-A1 NoSubs
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1.30 999. 1006. 7 ADJ-A1 NoSubs
15 11 15 319 10 84.9 0.188 0.948 0.005 360. 195. -7.0 0.0330 0.83 0.22 2.08 307.0 10.0 288.1 2.0 0
0.00 100. 1007. 3 ADJ-A1 NoSubs
15 11 15 319 11 109.7 0.392 1.257 0.005 651. 590. -49.5 0.0290 0.83 0.20 5.28 263.0 10.0 288.8 2.0 0
0.00 79. 1007. 0 ADJ-A1 NoSubs
15 11 15 319 12 104.2 0.426 1.322 0.005 797. 667. -66.6 0.0290 0.83 0.19 5.82 261.0 10.0 288.1 2.0 0
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15 11 15 319 13 126.3 0.442 1.474 0.005 912. 706. -61.5 0.0290 0.83 0.19 6.02 267.0 10.0 288.8 2.0 0
0.00 52. 1007. 3 ADJ-A1 NoSubs
15 11 15 319 14 103.4 0.475 1.464 0.005 1092. 786. -93.2 0.0260 0.83 0.20 6.72 270.0 10.0 288.8 2.0
0 0.00 46. 1008. 0 ADJ-A1 NoSubs
15 11 15 319 15 69.8 0.403 1.326 0.005 1203. 617. -84.0 0.0260 0.83 0.23 5.67 273.0 10.0 288.8 2.0 0
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15 11 15 319 16 23.2 0.415 0.927 0.005 1235. 642. -277.1 0.0290 0.83 0.31 5.94 269.0 10.0 288.1 2.0
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15 11 15 319 18 -35.4 0.358 -9.000 -9.000 -999. 513. 140.8 0.0290 0.83 1.00 5.44 260.0 10.0 285.4 2.0
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15 11 15 319 19 -36.6 0.369 -9.000 -9.000 -999. 537. 149.6 0.0290 0.83 1.00 5.60 265.0 10.0 284.9 2.0
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15 11 15 319 20 -35.0 0.354 -9.000 -9.000 -999. 505. 137.6 0.0290 0.83 1.00 5.38 260.0 10.0 285.4 2.0
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15 11 15 319 21 -31.0 0.313 -9.000 -9.000 -999. 420. 107.5 0.0290 0.83 1.00 4.78 269.0 10.0 284.9 2.0
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15 11 15 319 22 -26.4 0.266 -9.000 -9.000 -999. 330. 77.8 0.0260 0.83 1.00 4.17 270.0 10.0 284.9 2.0 0
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15 11 15 319 23 -27.8 0.279 -9.000 -9.000 -999. 354. 85.8 0.0260 0.83 1.00 4.37 291.0 10.0 284.2 2.0 0
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15 11 15 319 24 -30.1 0.302 -9.000 -9.000 -999. 398. 100.3 0.0260 0.83 1.00 4.71 295.0 10.0 284.2 2.0
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15 11 16 320 8 -3.6 0.089 -9.000 -9.000 -999. 64. 18.0 0.0230 0.83 0.46 1.50 180.0 10.0 281.4 2.0 0
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15 11 16 320 9 34.3 0.318 0.748 0.007 443. 430. -84.9 0.0330 0.83 0.28 4.29 311.0 10.0 285.9 2.0 0
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15 11 16 320 10 78.1 0.372 1.016 0.005 487. 544. -59.6 0.0380 0.83 0.22 4.80 331.0 10.0 287.0 2.0 0
0.00 28. 1018. 0 ADJ-A1 NoSubs
15 11 16 320 11 108.4 0.337 1.191 0.005 566. 470. -32.0 0.0380 0.83 0.20 4.19 332.0 10.0 288.8 2.0 0

0.00 26. 1018. 0 ADJ-A1 NoSubs
15 11 16 320 12 122.5 0.335 1.308 0.005 664. 465. -27.8 0.0330 0.83 0.19 4.24 323.0 10.0 288.8 2.0 0
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15 11 16 320 13 120.6 0.360 1.355 0.005 749. 518. -35.1 0.0330 0.83 0.19 4.63 321.0 10.0 289.2 2.0 0
0.00 24. 1018. 0 ADJ-A1 NoSubs
15 11 16 320 14 102.9 0.398 1.419 0.005 1009. 602. -55.6 0.0330 0.83 0.20 5.26 326.0 10.0 290.4 2.0
0 0.00 21. 1018. 0 ADJ-A1 NoSubs
15 11 16 320 15 69.6 0.325 1.301 0.005 1150. 448. -44.9 0.0330 0.83 0.23 4.25 318.0 10.0 290.9 2.0 0
0.00 17. 1018. 0 ADJ-A1 NoSubs
15 11 16 320 16 23.1 0.341 0.912 0.005 1189. 477. -155.4 0.0330 0.83 0.31 4.70 317.0 10.0 290.4 2.0
0 0.00 15. 1019. 0 ADJ-A1 NoSubs
15 11 16 320 17 -18.2 0.225 -9.000 -9.000 -999. 263. 56.5 0.0330 0.83 0.55 3.39 311.0 10.0 288.1 2.0 0
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15 11 16 320 18 -9.3 0.126 -9.000 -9.000 -999. 112. 19.6 0.0330 0.83 1.00 1.98 308.0 10.0 285.9 2.0 0
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15 11 16 320 19 -13.0 0.150 -9.000 -9.000 -999. 140. 24.8 0.0330 0.83 1.00 2.33 301.0 10.0 283.8 2.0 0
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15 11 16 320 20 -21.3 0.212 -9.000 -9.000 -999. 234. 49.4 0.0330 0.83 1.00 3.22 303.0 10.0 283.1 2.0 0
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15 11 16 320 21 -23.0 0.228 -9.000 -9.000 -999. 260. 57.0 0.0260 0.83 1.00 3.59 299.0 10.0 282.5 2.0 0
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15 11 16 320 22 -10.1 0.130 -9.000 -9.000 -999. 117. 19.9 0.0260 0.83 1.00 2.13 292.0 10.0 282.0 2.0 0
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15 11 16 320 24 -15.7 0.166 -9.000 -9.000 -999. 162. 30.1 0.0370 0.83 1.00 2.50 177.0 10.0 282.0 2.0 0
0.00 60. 1020. 0 ADJ-A1 NoSubs
15 11 17 321 1 -20.8 0.205 -9.000 -9.000 -999. 224. 46.4 0.0380 0.83 1.00 3.05 218.0 10.0 282.0 2.0 0
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15 11 17 321 9 32.8 0.103 0.538 0.010 172. 79. -3.0 0.0230 0.83 0.28 1.11 180.0 10.0 284.9 2.0 0
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15 11 17 321 12 122.1 0.162 1.222 0.007 544. 156. -3.1 0.0340 0.83 0.19 1.60 132.0 10.0 290.9 2.0 0
0.00 47. 1021. 0 ADJ-A1 NoSubs
15 11 17 321 13 119.9 0.238 1.249 0.007 592. 279. -10.2 0.0380 0.83 0.19 2.67 211.0 10.0 290.4 2.0 0
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15 11 17 321 14 101.9 0.230 1.226 0.007 658. 265. -10.9 0.0230 0.83 0.20 2.88 197.0 10.0 290.4 2.0 0

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15 11 17 321 15 68.4 0.204 1.140 0.007 786. 222. -11.3 0.0370 0.83 0.23 2.33 179.0 10.0 290.4 2.0 0
0.00 49. 1019. 0 ADJ-A1 NoSubs
15 11 17 321 16 21.8 0.158 0.788 0.007 816. 151. -16.5 0.0230 0.83 0.31 2.06 185.0 10.0 288.8 2.0 0
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15 11 17 321 18 -6.6 0.105 -9.000 -9.000 -999. 81. 15.8 0.0260 0.83 1.00 1.74 296.0 10.0 285.9 2.0 0
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15 11 18 322 3 -8.7 0.121 -9.000 -9.000 -999. 101. 18.6 0.0330 0.83 1.00 1.91 326.0 10.0 279.9 2.0 0
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0.00 60. 1014. 0 ADJ-A1 NoSubs
15 11 18 322 16 21.5 0.188 0.784 0.018 808. 196. -28.0 0.0370 0.83 0.31 2.33 171.0 10.0 290.4 2.0 0
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0.00 86. 1015. 0 ADJ-A1 NoSubs
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0.00 86. 1016. 0 ADJ-A1 NoSubs
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0.00 77. 1016. 0 ADJ-A1 NoSubs
15 11 19 323 10 75.0 0.122 0.695 0.008 162. 102. -2.2 0.0290 0.83 0.22 1.18 68.0 10.0 288.8 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
15 11 19 323 11 105.6 0.126 1.023 0.008 367. 107. -1.7 0.0340 0.83 0.20 1.13 140.0 10.0 290.9 2.0 0
0.00 62. 1015. 0 ADJ-A1 NoSubs
15 11 19 323 12 120.5 0.130 1.119 0.006 421. 113. -1.7 0.0300 0.83 0.19 1.20 114.0 10.0 292.5 2.0 0
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15 11 19 323 13 119.2 0.189 1.250 0.007 593. 197. -5.1 0.0370 0.83 0.19 1.96 175.0 10.0 293.8 2.0 0
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15 11 19 323 14 101.5 0.162 1.285 0.008 757. 157. -3.8 0.0370 0.83 0.20 1.62 179.0 10.0 294.2 2.0 0
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15 11 19 323 15 68.2 0.200 1.141 0.008 788. 215. -10.6 0.0230 0.83 0.23 2.50 192.0 10.0 294.2 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
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15 11 19 323 17 -3.4 0.081 -9.000 -9.000 -999. 56. 13.7 0.0370 0.83 0.57 1.26 179.0 10.0 291.4 2.0 0
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0.00 77. 1013. 0 ADJ-A1 NoSubs
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0 0.00 80. 1014. 0 ADJ-SFC NoSubs
15 11 19 323 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 82. 1013. 0 ADJ-SFC NoSubs
15 11 19 323 22 -13.3 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 314.0 10.0 285.4 2.0 0
0.00 80. 1014. 0 ADJ-SFC NoSubs
15 11 19 323 23 -18.6 0.187 -9.000 -9.000 -999. 194. 38.5 0.0330 0.83 1.00 2.86 322.0 10.0 285.4 2.0 0
0.00 80. 1014. 0 ADJ-SFC NoSubs
15 11 19 323 24 -6.8 0.106 -9.000 -9.000 -999. 85. 16.0 0.0260 0.83 1.00 1.76 288.0 10.0 283.8 2.0 0
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15 11 20 324 1 -17.9 0.179 -9.000 -9.000 -999. 182. 35.3 0.0260 0.83 1.00 2.86 296.0 10.0 283.8 2.0 0
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0.00 79. 1013. 0 ADJ-SFC NoSubs
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0 0.00 85. 1013. 0 ADJ-SFC NoSubs
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0.00 86. 1013. 0 ADJ-SFC NoSubs
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0.00 82. 1013. 0 ADJ-SFC NoSubs
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0 0.00 82. 1013. 0 ADJ-SFC NoSubs
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0 0.00 86. 1013. 0 ADJ-SFC NoSubs
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0 0.00 82. 1013. 0 ADJ-SFC NoSubs
15 11 20 324 9 30.2 0.187 0.377 0.011 64. 194. -19.5 0.0290 0.83 0.29 2.36 60.0 10.0 288.1 2.0 0
0.00 71. 1014. 0 ADJ-SFC NoSubs
15 11 20 324 10 74.8 0.263 0.730 0.006 188. 324. -22.1 0.0290 0.83 0.22 3.36 65.0 10.0 291.4 2.0 0
0.00 62. 1014. 0 ADJ-SFC NoSubs
15 11 20 324 11 106.1 -9.000 -9.000 -9.000 269. -999. -99999.0 0.0317 0.83 0.20 0.00 0.0 10.0 294.9 2.0
0 0.00 50. 1013. 0 ADJ-SFC NoSubs
15 11 20 324 12 120.7 0.172 1.053 0.006 349. 171. -3.8 0.0330 0.83 0.19 1.76 42.0 10.0 295.4 2.0 0
0.00 48. 1012. 0 ADJ-SFC NoSubs
15 11 20 324 13 119.1 0.213 1.219 0.005 549. 236. -7.3 0.0340 0.83 0.19 2.36 135.0 10.0 295.9 2.0 0
0.00 47. 1011. 0 ADJ-SFC NoSubs
15 11 20 324 14 101.0 0.259 1.235 0.005 672. 317. -15.6 0.0230 0.83 0.20 3.36 196.0 10.0 295.4 2.0 0
0.00 50. 1011. 0 ADJ-SFC NoSubs
15 11 20 324 15 67.6 0.159 1.117 0.005 742. 157. -5.4 0.0290 0.83 0.23 1.76 254.0 10.0 294.9 2.0 0
0.00 50. 1010. 0 ADJ-SFC NoSubs
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0.00 52. 1010. 0 ADJ-SFC NoSubs
15 11 20 324 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.57 0.00 0.0 10.0 291.4 2.0
0 0.00 60. 1011. 0 ADJ-SFC NoSubs
15 11 20 324 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 288.8 2.0
0 0.00 74. 1011. 0 ADJ-SFC NoSubs
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15 11 20 324 21 -3.4 0.076 -9.000 -9.000 -999. 50. 11.7 0.0260 0.83 1.00 1.23 292.0 10.0 284.9 2.0 0
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15 11 20 324 22 -8.3 0.120 -9.000 -9.000 -999. 99. 18.5 0.0330 0.83 1.00 1.89 303.0 10.0 284.9 2.0 0
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15 11 21 325 11 104.7 0.268 0.875 0.009 231. 334. -16.7 0.0300 0.83 0.20 3.32 97.0 10.0 294.2 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
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0.00 45. 1011. 0 ADJ-A1 NoSubs
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0.00 41. 1010. 0 ADJ-A1 NoSubs
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0.00 39. 1010. 0 ADJ-A1 NoSubs
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0.00 43. 1009. 0 ADJ-A1 NoSubs
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0.00 64. 1010. 0 ADJ-A1 NoSubs
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15 11 21 325 23 -5.1 0.093 -9.000 -9.000 -999. 68. 14.2 0.0310 0.83 1.00 1.50 28.0 10.0 285.9 2.0 0
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15 11 21 325 24 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.83 1.00 1.50 357.0 10.0 284.9 2.0 0
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0.00 79. 1010. 0 ADJ-A1 NoSubs
15 11 22 326 3 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.83 1.00 1.43 352.0 10.0 283.1 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
15 11 22 326 4 -3.0 0.073 -9.000 -9.000 -999. 48. 11.6 0.0310 0.83 1.00 1.13 3.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
15 11 22 326 5 -2.2 0.065 -9.000 -9.000 -999. 40. 11.7 0.0340 0.83 1.00 0.89 133.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
15 11 22 326 6 -4.8 0.089 -9.000 -9.000 -999. 64. 13.5 0.0290 0.83 1.00 1.46 262.0 10.0 282.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
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0 0.00 85. 1010. 0 ADJ-SFC NoSubs
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0 0.00 82. 1010. 0 ADJ-SFC NoSubs
15 11 22 326 9 27.6 -9.000 -9.000 -9.000 82. -999. -99999.0 0.0317 0.83 0.30 0.00 0.0 10.0 287.0 2.0 0
0.00 71. 1010. 0 ADJ-SFC NoSubs
15 11 22 326 10 71.8 0.231 0.659 0.009 143. 267. -15.5 0.0290 0.83 0.23 2.86 63.0 10.0 289.9 2.0 0
0.00 61. 1010. 0 ADJ-SFC NoSubs
15 11 22 326 11 103.1 -9.000 -9.000 -9.000 284. -999. -99999.0 0.0317 0.83 0.20 0.00 0.0 10.0 293.1 2.0
0 0.00 52. 1010. 0 ADJ-SFC NoSubs
15 11 22 326 12 118.8 0.171 1.145 0.012 455. 169. -3.8 0.0317 0.83 0.19 1.76 999.0 10.0 295.9 2.0 0
0.00 40. 1009. 0 ADJ-SFC NoSubs
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0 0.00 33. 1008. 0 ADJ-SFC NoSubs
15 11 22 326 14 100.0 0.273 1.226 0.011 663. 342. -18.2 0.0317 0.83 0.20 3.36 999.0 10.0 297.0 2.0 0
0.00 35. 1008. 0 ADJ-SFC NoSubs
15 11 22 326 15 66.5 0.262 1.078 0.010 677. 321. -24.2 0.0290 0.83 0.24 3.36 241.0 10.0 295.9 2.0 0
0.00 33. 1008. 0 ADJ-SFC NoSubs
15 11 22 326 16 20.3 0.217 0.728 0.010 681. 244. -45.3 0.0290 0.83 0.32 2.91 240.0 10.0 294.2 2.0 0
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0.00 79. 1007. 0 ADJ-A1 NoSubs
15 11 23 327 2 -12.3 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.83 1.00 2.28 304.0 10.0 283.1 2.0 0
0.00 73. 1007. 0 ADJ-A1 NoSubs
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0.00 89. 1007. 7 ADJ-A1 NoSubs
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0.00 95. 1008. 10 ADJ-A1 NoSubs
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0.00 96. 1008. 10 ADJ-A1 NoSubs
15 11 23 327 9 3.4 0.109 0.136 0.013 26. 86. -34.1 0.0330 0.83 0.30 1.40 46.0 10.0 283.1 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
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0.00 89. 1009. 10 ADJ-A1 NoSubs
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0.00 86. 1009. 10 ADJ-A1 NoSubs
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0.00 86. 1009. 10 ADJ-A1 NoSubs
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0.00 82. 1008. 10 ADJ-A1 NoSubs
15 11 23 327 14 21.0 0.190 0.530 0.011 255. 199. -29.4 0.0380 0.83 0.20 2.35 229.0 10.0 284.9 2.0 0
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0.00 82. 1008. 10 ADJ-A1 NoSubs
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0.00 85. 1009. 10 ADJ-A1 NoSubs
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0.00 85. 1009. 10 ADJ-A1 NoSubs
15 11 23 327 22 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.83 1.00 1.25 347.0 10.0 284.9 2.0 0
0.00 85. 1009. 10 ADJ-A1 NoSubs
15 11 23 327 23 -3.9 0.081 -9.000 -9.000 -999. 55. 12.2 0.0260 0.83 1.00 1.33 287.0 10.0 284.9 2.0 0
0.00 82. 1009. 10 ADJ-A1 NoSubs
15 11 23 327 24 -3.7 0.080 -9.000 -9.000 -999. 55. 12.6 0.0380 0.83 1.00 1.23 334.0 10.0 284.2 2.0 0
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15 11 24 328 1 -5.1 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.83 1.00 1.45 342.0 10.0 283.1 2.0 0
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15 11 24 328 2 -5.5 0.096 -9.000 -9.000 -999. 72. 14.7 0.0330 0.83 1.00 1.54 323.0 10.0 283.1 2.0 0
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15 11 24 328 3 -2.8 0.070 -9.000 -9.000 -999. 44. 11.2 0.0260 0.83 1.00 1.09 293.0 10.0 282.0 2.0 0
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15 11 24 328 4 -7.1 0.110 -9.000 -9.000 -999. 88. 16.8 0.0330 0.83 1.00 1.75 311.0 10.0 282.0 2.0 0
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15 11 24 328 8 -2.2 0.066 -9.000 -9.000 -999. 41. 11.9 0.0370 0.83 0.52 0.98 173.0 10.0 283.1 2.0 11

0.30 96. 1009. 10 ADJ-A1 NoSubs
15 11 24 328 9 3.3 0.133 0.221 0.005 118. 116. -64.2 0.0310 0.83 0.30 1.79 26.0 10.0 283.8 2.0 0
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0.30 89. 1008. 10 ADJ-A1 NoSubs
15 11 24 328 11 21.7 0.110 0.506 0.005 214. 87. -5.5 0.0330 0.83 0.20 1.18 48.0 10.0 284.2 2.0 11
1.30 100. 1008. 10 ADJ-A1 NoSubs
15 11 24 328 12 25.6 0.194 0.573 0.005 263. 205. -25.4 0.0230 0.83 0.19 2.61 188.0 10.0 285.4 2.0 11
5.30 999. 1007. 10 ADJ-A1 NoSubs
15 11 24 328 13 25.4 0.278 0.599 0.005 303. 353. -76.2 0.0290 0.83 0.19 3.83 253.0 10.0 285.9 2.0 11
0.30 999. 1007. 10 ADJ-A1 NoSubs
15 11 24 328 14 99.2 0.370 1.189 0.005 610. 539. -45.7 0.0290 0.83 0.21 4.95 264.0 10.0 287.0 2.0 0
0.00 999. 1007. 3 ADJ-A1 NoSubs
15 11 24 328 15 66.7 0.384 1.088 0.005 694. 570. -76.1 0.0260 0.83 0.24 5.38 273.0 10.0 286.4 2.0 0
0.00 71. 1008. 3 ADJ-A1 NoSubs
15 11 24 328 16 15.9 0.342 0.680 0.005 712. 482. -227.2 0.0290 0.83 0.33 4.88 266.0 10.0 285.4 2.0 0
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15 11 24 328 17 -15.9 0.194 -9.000 -9.000 -999. 220. 41.4 0.0260 0.83 0.59 3.07 292.0 10.0 284.2 2.0 0
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15 11 24 328 18 -7.2 0.110 -9.000 -9.000 -999. 91. 16.6 0.0260 0.83 1.00 1.82 272.0 10.0 283.1 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
15 11 24 328 19 -6.8 0.106 -9.000 -9.000 -999. 83. 15.9 0.0260 0.83 1.00 1.76 286.0 10.0 280.9 2.0 0
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15 11 24 328 20 -11.3 0.140 -9.000 -9.000 -999. 125. 21.6 0.0330 0.83 1.00 2.18 313.0 10.0 279.2 2.0 0
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15 11 24 328 21 -8.6 0.121 -9.000 -9.000 -999. 101. 18.5 0.0330 0.83 1.00 1.91 323.0 10.0 278.1 2.0 0
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15 11 24 328 22 -11.8 0.142 -9.000 -9.000 -999. 129. 22.3 0.0330 0.83 1.00 2.22 308.0 10.0 278.8 2.0 0
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15 11 24 328 23 -10.0 0.131 -9.000 -9.000 -999. 114. 20.2 0.0330 0.83 1.00 2.06 311.0 10.0 279.2 2.0
11 0.50 92. 1008. 10 ADJ-A1 NoSubs
15 11 24 328 24 -6.2 0.103 -9.000 -9.000 -999. 79. 15.7 0.0380 0.83 1.00 1.60 330.0 10.0 278.1 2.0 0
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15 11 25 329 1 -6.9 0.108 -9.000 -9.000 -999. 85. 16.4 0.0330 0.83 1.00 1.72 314.0 10.0 278.8 2.0 0
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2.00 100. 1007. 10 ADJ-A1 NoSubs
15 11 25 329 3 -3.1 0.074 -9.000 -9.000 -999. 48. 11.7 0.0330 0.83 1.00 1.13 34.0 10.0 279.2 2.0 0
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15 11 25 329 5 -6.8 0.107 -9.000 -9.000 -999. 84. 16.3 0.0330 0.83 1.00 1.71 317.0 10.0 278.8 2.0 11
0.30 100. 1007. 5 ADJ-A1 NoSubs
15 11 25 329 6 -6.5 0.105 -9.000 -9.000 -999. 81. 15.8 0.0330 0.83 1.00 1.67 309.0 10.0 277.5 2.0 0
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0.00 100. 1008. 0 ADJ-A1 NoSubs
15 11 25 329 8 -9.3 0.136 -9.000 -9.000 -999. 120. 24.1 0.0330 0.83 0.52 2.10 319.0 10.0 277.5 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
15 11 25 329 9 22.6 0.105 0.558 0.005 275. 81. -4.6 0.0260 0.83 0.30 1.16 281.0 10.0 280.4 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
15 11 25 329 10 66.2 0.123 0.996 0.005 537. 103. -2.5 0.0300 0.83 0.23 1.21 111.0 10.0 282.0 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
15 11 25 329 11 98.4 0.149 1.258 0.005 728. 138. -3.0 0.0290 0.83 0.20 1.52 87.0 10.0 283.8 2.0 0

0.00 76. 1009. 5 ADJ-A1 NoSubs
15 11 25 329 12 94.5 0.188 1.341 0.005 919. 195. -6.3 0.0230 0.83 0.19 2.22 202.0 10.0 284.2 2.0 0
0.00 68. 1009. 7 ADJ-A1 NoSubs
15 11 25 329 13 93.7 0.334 1.492 0.005 1276. 464. -35.9 0.0230 0.83 0.20 4.61 188.0 10.0 285.4 2.0 0
0.00 66. 1008. 7 ADJ-A1 NoSubs
15 11 25 329 14 97.9 0.219 1.590 0.005 1479. 253. -9.6 0.0230 0.83 0.21 2.71 193.0 10.0 285.4 2.0 0
0.00 56. 1007. 3 ADJ-A1 NoSubs
15 11 25 329 15 64.8 0.293 1.412 0.005 1565. 380. -34.8 0.0290 0.83 0.24 3.86 254.0 10.0 285.9 2.0 0
0.00 50. 1007. 5 ADJ-A1 NoSubs
15 11 25 329 16 20.1 0.241 0.962 0.005 1590. 285. -62.5 0.0260 0.83 0.33 3.35 289.0 10.0 285.9 2.0 0
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15 11 25 329 17 -8.2 0.122 -9.000 -9.000 -999. 111. 19.9 0.0310 0.83 0.59 1.94 5.0 10.0 283.8 2.0 0
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15 11 25 329 18 -4.1 0.084 -9.000 -9.000 -999. 59. 12.9 0.0330 0.83 1.00 1.33 322.0 10.0 281.4 2.0 0
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15 11 25 329 19 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0260 0.83 1.00 1.30 285.0 10.0 280.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
15 11 25 329 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 278.8 2.0
0 0.00 82. 1010. 0 ADJ-SFC NoSubs
15 11 25 329 21 -12.5 0.146 -9.000 -9.000 -999. 133. 23.3 0.0260 0.83 1.00 2.36 295.0 10.0 278.1 2.0 0
0.00 82. 1010. 0 ADJ-SFC NoSubs
15 11 25 329 22 -13.4 0.152 -9.000 -9.000 -999. 142. 25.5 0.0330 0.83 1.00 2.36 314.0 10.0 277.5 2.0 0
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15 11 25 329 23 -13.4 0.152 -9.000 -9.000 -999. 142. 25.5 0.0330 0.83 1.00 2.36 307.0 10.0 277.0 2.0 0
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15 11 25 329 24 -19.6 0.192 -9.000 -9.000 -999. 202. 40.5 0.0380 0.83 1.00 2.86 331.0 10.0 277.0 2.0 0
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0.00 85. 1011. 0 ADJ-SFC NoSubs
15 11 26 330 2 -19.2 0.187 -9.000 -9.000 -999. 194. 38.4 0.0330 0.83 1.00 2.86 303.0 10.0 275.9 2.0 0
0.00 85. 1011. 0 ADJ-SFC NoSubs
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0 0.00 85. 1011. 0 ADJ-SFC NoSubs
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0 0.00 85. 1012. 0 ADJ-SFC NoSubs
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15 11 26 330 6 -5.0 0.091 -9.000 -9.000 -999. 66. 13.6 0.0330 0.83 1.00 1.45 323.0 10.0 273.8 2.0 0
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15 11 26 330 7 -6.4 0.103 -9.000 -9.000 -999. 80. 15.5 0.0330 0.83 1.00 1.65 304.0 10.0 274.2 2.0 0
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15 11 26 330 8 -3.4 0.080 -9.000 -9.000 -999. 55. 13.6 0.0330 0.83 0.53 1.28 314.0 10.0 275.4 2.0 0
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15 11 26 330 9 27.2 0.117 0.459 0.005 128. 96. -5.3 0.0330 0.83 0.31 1.25 42.0 10.0 278.8 2.0 0
0.00 78. 1013. 3 ADJ-A1 NoSubs
15 11 26 330 10 65.0 0.144 0.958 0.005 489. 131. -4.1 0.0370 0.83 0.23 1.45 156.0 10.0 281.4 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
15 11 26 330 11 95.6 0.176 1.117 0.005 527. 178. -5.2 0.0290 0.83 0.20 1.94 76.0 10.0 283.8 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
15 11 26 330 12 110.6 0.260 1.243 0.005 628. 318. -14.4 0.0330 0.83 0.20 3.11 47.0 10.0 284.9 2.0 0
0.00 44. 1013. 0 ADJ-A1 NoSubs
15 11 26 330 13 109.4 0.193 1.305 0.005 734. 205. -5.9 0.0310 0.83 0.20 2.13 24.0 10.0 285.4 2.0 0
0.00 44. 1012. 0 ADJ-A1 NoSubs
15 11 26 330 14 92.3 0.220 1.397 0.005 1068. 248. -10.4 0.0330 0.83 0.21 2.55 48.0 10.0 285.9 2.0 0

0.00 44. 1011. 0 ADJ-A1 NoSubs
15 11 26 330 15 59.7 0.246 1.285 0.005 1281. 293. -22.6 0.0330 0.83 0.24 3.07 46.0 10.0 285.9 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
15 11 26 330 16 14.8 0.222 0.810 0.005 1293. 251. -66.5 0.0330 0.83 0.33 2.96 37.0 10.0 285.4 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
15 11 26 330 17 -10.8 0.140 -9.000 -9.000 -999. 128. 23.0 0.0310 0.83 0.60 2.20 20.0 10.0 283.1 2.0 0
0.00 47. 1012. 0 ADJ-A1 NoSubs
15 11 26 330 18 -5.9 0.100 -9.000 -9.000 -999. 76. 15.1 0.0330 0.83 1.00 1.59 329.0 10.0 280.9 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
15 11 26 330 19 -2.9 0.072 -9.000 -9.000 -999. 47. 11.6 0.0330 0.83 1.00 1.09 55.0 10.0 279.9 2.0 0
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15 11 26 330 20 -12.5 0.147 -9.000 -9.000 -999. 135. 23.6 0.0330 0.83 1.00 2.28 49.0 10.0 278.8 2.0 0
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15 11 26 330 21 -4.6 0.087 -9.000 -9.000 -999. 62. 13.1 0.0290 0.83 1.00 1.42 253.0 10.0 278.8 2.0 0
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15 11 26 330 22 -4.4 0.086 -9.000 -9.000 -999. 60. 12.7 0.0260 0.83 1.00 1.42 292.0 10.0 277.0 2.0 0
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15 11 26 330 23 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0290 0.83 1.00 1.26 257.0 10.0 276.4 2.0 0
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15 11 26 330 24 -5.1 0.092 -9.000 -9.000 -999. 67. 13.9 0.0330 0.83 1.00 1.47 318.0 10.0 275.9 2.0 0
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15 11 27 331 1 -15.8 0.165 -9.000 -9.000 -999. 161. 30.1 0.0330 0.83 1.00 2.55 311.0 10.0 275.9 2.0 0
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15 11 27 331 2 -5.8 0.098 -9.000 -9.000 -999. 75. 14.8 0.0330 0.83 1.00 1.57 303.0 10.0 274.9 2.0 0
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15 11 27 331 3 -7.3 0.111 -9.000 -9.000 -999. 88. 16.7 0.0330 0.83 1.00 1.76 314.0 10.0 274.9 2.0 0
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15 11 27 331 4 -6.5 0.104 -9.000 -9.000 -999. 81. 15.6 0.0330 0.83 1.00 1.66 312.0 10.0 274.2 2.0 0
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0.00 88. 1014. 0 ADJ-A1 NoSubs
15 11 27 331 6 -4.0 0.082 -9.000 -9.000 -999. 57. 12.5 0.0330 0.83 1.00 1.30 302.0 10.0 274.2 2.0 0
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15 11 27 331 7 -3.3 0.076 -9.000 -9.000 -999. 50. 11.8 0.0330 0.83 1.00 1.16 320.0 10.0 272.0 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
15 11 27 331 8 -1.8 0.062 -9.000 -9.000 -999. 37. 11.8 0.0380 0.83 0.54 0.87 360.0 10.0 274.9 2.0 0
0.00 81. 1014. 0 ADJ-A1 NoSubs
15 11 27 331 9 20.1 0.098 0.493 0.005 216. 74. -4.3 0.0380 0.83 0.31 0.99 346.0 10.0 277.5 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
15 11 27 331 10 63.9 0.163 1.079 0.005 712. 158. -6.1 0.0300 0.83 0.23 1.82 96.0 10.0 281.4 2.0 0
0.00 53. 1015. 0 ADJ-A1 NoSubs
15 11 27 331 11 94.7 0.299 1.299 0.005 838. 392. -25.4 0.0290 0.83 0.20 3.85 61.0 10.0 284.2 2.0 0
0.00 44. 1014. 0 ADJ-A1 NoSubs
15 11 27 331 12 109.8 0.226 1.404 0.005 913. 261. -9.6 0.0290 0.83 0.20 2.67 78.0 10.0 285.4 2.0 0
0.00 39. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 13 108.9 0.220 1.435 0.005 982. 248. -8.9 0.0300 0.83 0.20 2.56 102.0 10.0 286.4 2.0 0
0.00 33. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 14 91.6 0.227 1.379 0.005 1036. 259. -11.5 0.0380 0.83 0.21 2.57 213.0 10.0 286.4 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 15 58.9 0.305 1.249 0.005 1196. 405. -43.6 0.0290 0.83 0.24 4.08 245.0 10.0 285.4 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 16 14.3 0.216 0.792 0.005 1251. 245. -63.8 0.0290 0.83 0.33 2.95 252.0 10.0 285.4 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
15 11 27 331 17 -11.6 0.145 -9.000 -9.000 -999. 134. 23.8 0.0290 0.83 0.60 2.30 268.0 10.0 283.8 2.0 0

0.00 53. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 18 -11.0 0.138 -9.000 -9.000 -999. 122. 21.4 0.0330 0.83 1.00 2.15 304.0 10.0 281.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 19 -11.7 0.142 -9.000 -9.000 -999. 128. 22.1 0.0330 0.83 1.00 2.21 310.0 10.0 279.2 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 20 -9.1 0.124 -9.000 -9.000 -999. 105. 19.1 0.0330 0.83 1.00 1.96 316.0 10.0 278.1 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 21 -6.2 0.102 -9.000 -9.000 -999. 78. 15.6 0.0380 0.83 1.00 1.59 350.0 10.0 277.5 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 22 -4.7 0.089 -9.000 -9.000 -999. 63. 13.4 0.0310 0.83 1.00 1.43 10.0 10.0 277.5 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
15 11 27 331 23 -11.1 0.137 -9.000 -9.000 -999. 122. 21.2 0.0330 0.83 1.00 2.15 321.0 10.0 276.4 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
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0.00 69. 1014. 0 ADJ-A1 NoSubs
15 11 28 332 1 -10.9 0.136 -9.000 -9.000 -999. 120. 20.9 0.0330 0.83 1.00 2.13 304.0 10.0 275.9 2.0 0
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0.00 72. 1014. 0 ADJ-A1 NoSubs
15 11 28 332 4 -7.9 0.115 -9.000 -9.000 -999. 93. 17.3 0.0330 0.83 1.00 1.82 315.0 10.0 273.1 2.0 0
0.00 81. 1014. 0 ADJ-A1 NoSubs
15 11 28 332 5 -3.4 0.076 -9.000 -9.000 -999. 51. 11.9 0.0330 0.83 1.00 1.18 325.0 10.0 273.8 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
15 11 28 332 6 -3.5 0.078 -9.000 -9.000 -999. 52. 12.2 0.0380 0.83 1.00 1.18 338.0 10.0 273.8 2.0 0
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15 11 28 332 7 -4.1 0.083 -9.000 -9.000 -999. 58. 12.8 0.0380 0.83 1.00 1.28 349.0 10.0 274.2 2.0 0
0.00 72. 1014. 0 ADJ-A1 NoSubs
15 11 28 332 8 -4.0 0.086 -9.000 -9.000 -999. 60. 14.1 0.0290 0.83 0.54 1.40 248.0 10.0 275.9 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
15 11 28 332 9 19.2 0.120 0.559 0.005 328. 100. -8.2 0.0310 0.83 0.31 1.38 12.0 10.0 278.8 2.0 0
0.00 59. 1015. 0 ADJ-A1 NoSubs
15 11 28 332 10 63.1 0.178 0.973 0.005 528. 180. -8.0 0.0290 0.83 0.23 2.06 81.0 10.0 282.5 2.0 0
0.00 45. 1015. 0 ADJ-A1 NoSubs
15 11 28 332 11 93.9 0.265 1.166 0.005 612. 327. -17.9 0.0290 0.83 0.21 3.32 76.0 10.0 284.9 2.0 0
0.00 39. 1015. 0 ADJ-A1 NoSubs
15 11 28 332 12 109.4 0.212 1.282 0.006 698. 235. -7.9 0.0290 0.83 0.20 2.45 62.0 10.0 287.0 2.0 0
0.00 32. 1014. 0 ADJ-A1 NoSubs
15 11 28 332 13 108.6 0.299 1.413 0.006 940. 392. -22.1 0.0290 0.83 0.20 3.81 83.0 10.0 288.1 2.0 0
0.00 30. 1013. 0 ADJ-A1 NoSubs
15 11 28 332 14 91.3 0.164 1.398 0.006 1083. 171. -4.4 0.0290 0.83 0.21 1.76 87.0 10.0 287.5 2.0 0
0.00 31. 1013. 0 ADJ-SFC NoSubs
15 11 28 332 15 59.4 0.159 1.223 0.005 1113. 152. -6.1 0.0310 0.83 0.24 1.76 10.0 10.0 288.8 2.0 0
0.00 27. 1012. 0 ADJ-SFC NoSubs
15 11 28 332 16 14.7 0.141 0.769 0.005 1115. 127. -17.2 0.0290 0.83 0.33 1.76 79.0 10.0 288.1 2.0 0
0.00 27. 1012. 0 ADJ-SFC NoSubs
15 11 28 332 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.60 0.00 0.0 10.0 285.9 2.0
0 0.00 37. 1012. 0 ADJ-SFC NoSubs
15 11 28 332 18 -7.2 0.111 -9.000 -9.000 -999. 88. 17.0 0.0330 0.83 1.00 1.76 35.0 10.0 283.8 2.0 0
0.00 43. 1013. 0 ADJ-SFC NoSubs
15 11 28 332 19 -7.2 0.110 -9.000 -9.000 -999. 88. 16.8 0.0317 0.83 1.00 1.76 999.0 10.0 282.0 2.0 0
0.00 51. 1013. 0 ADJ-SFC NoSubs
15 11 28 332 20 -13.4 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 36.0 10.0 280.9 2.0 0

0.00 53. 1014. 0 ADJ-SFC NoSubs
15 11 28 332 21 -7.6 0.114 -9.000 -9.000 -999. 92. 17.6 0.0380 0.83 1.00 1.76 349.0 10.0 280.4 2.0 0
0.00 55. 1014. 0 ADJ-SFC NoSubs
15 11 28 332 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 279.9 2.0
0 0.00 57. 1014. 0 ADJ-SFC NoSubs
15 11 28 332 23 -2.3 0.066 -9.000 -9.000 -999. 41. 11.4 0.0290 0.83 1.00 0.94 65.0 10.0 278.8 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
15 11 28 332 24 -2.6 0.070 -9.000 -9.000 -999. 44. 11.8 0.0380 0.83 1.00 0.99 343.0 10.0 277.0 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 1 -2.9 0.072 -9.000 -9.000 -999. 46. 11.5 0.0310 0.83 1.00 1.09 2.0 10.0 277.0 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 2 -6.6 0.105 -9.000 -9.000 -999. 82. 16.1 0.0380 0.83 1.00 1.64 330.0 10.0 275.9 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 3 -4.8 0.090 -9.000 -9.000 -999. 64. 13.5 0.0330 0.83 1.00 1.43 319.0 10.0 275.9 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 4 -7.2 0.110 -9.000 -9.000 -999. 88. 16.8 0.0380 0.83 1.00 1.71 341.0 10.0 274.9 2.0 0
0.00 78. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 5 -4.3 0.084 -9.000 -9.000 -999. 59. 12.7 0.0310 0.83 1.00 1.35 6.0 10.0 275.4 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 6 -7.6 0.113 -9.000 -9.000 -999. 91. 17.0 0.0310 0.83 1.00 1.81 27.0 10.0 275.4 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 7 -9.7 0.128 -9.000 -9.000 -999. 110. 19.5 0.0330 0.83 1.00 2.01 327.0 10.0 274.2 2.0 0
0.00 78. 1016. 0 ADJ-A1 NoSubs
15 11 29 333 8 -4.0 0.086 -9.000 -9.000 -999. 60. 14.2 0.0330 0.83 0.55 1.37 326.0 10.0 276.4 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
15 11 29 333 9 18.6 0.129 0.266 0.005 36. 111. -10.5 0.0290 0.83 0.32 1.54 67.0 10.0 280.9 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
15 11 29 333 10 62.5 0.198 0.731 0.005 227. 211. -11.2 0.0290 0.83 0.23 2.37 82.0 10.0 284.2 2.0 0
0.00 46. 1017. 0 ADJ-A1 NoSubs
15 11 29 333 11 93.6 0.246 1.068 0.005 472. 294. -14.5 0.0290 0.83 0.21 3.03 72.0 10.0 287.0 2.0 0
0.00 38. 1016. 0 ADJ-A1 NoSubs
15 11 29 333 12 108.8 0.321 1.291 0.005 717. 437. -27.6 0.0300 0.83 0.20 4.14 92.0 10.0 288.1 2.0 0
0.00 31. 1016. 0 ADJ-A1 NoSubs
15 11 29 333 13 108.0 0.276 1.338 0.005 804. 349. -17.6 0.0300 0.83 0.20 3.43 94.0 10.0 288.8 2.0 0
0.00 30. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 14 91.1 0.161 1.292 0.005 858. 162. -4.1 0.0300 0.83 0.21 1.70 112.0 10.0 289.2 2.0 0
0.00 26. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 15 59.2 0.116 1.134 0.005 892. 95. -2.4 0.0230 0.83 0.24 1.21 207.0 10.0 289.9 2.0 0
0.00 25. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 16 14.1 0.158 0.704 0.005 898. 151. -25.4 0.0290 0.83 0.33 2.04 258.0 10.0 287.5 2.0 0
0.00 37. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 17 -6.1 0.104 -9.000 -9.000 -999. 81. 16.6 0.0290 0.83 0.61 1.69 267.0 10.0 285.9 2.0 0
0.00 44. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 18 -10.6 0.135 -9.000 -9.000 -999. 119. 20.9 0.0330 0.83 1.00 2.11 324.0 10.0 282.0 2.0 0
0.00 57. 1015. 0 ADJ-A1 NoSubs
15 11 29 333 19 -11.1 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.16 324.0 10.0 281.4 2.0 0
0.00 58. 1016. 0 ADJ-A1 NoSubs
15 11 29 333 20 -14.2 0.156 -9.000 -9.000 -999. 148. 26.9 0.0330 0.83 1.00 2.42 314.0 10.0 279.2 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
15 11 29 333 21 -13.1 0.150 -9.000 -9.000 -999. 140. 24.8 0.0330 0.83 1.00 2.33 310.0 10.0 278.8 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
15 11 29 333 22 -14.6 0.158 -9.000 -9.000 -999. 151. 27.6 0.0330 0.83 1.00 2.45 313.0 10.0 278.1 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
15 11 29 333 23 -13.4 0.151 -9.000 -9.000 -999. 141. 25.2 0.0330 0.83 1.00 2.35 308.0 10.0 278.1 2.0 0

0.00 67. 1017. 0 ADJ-A1 NoSubs
15 11 29 333 24 -9.9 0.129 -9.000 -9.000 -999. 111. 19.8 0.0330 0.83 1.00 2.03 329.0 10.0 276.4 2.0 0
0.00 75. 1017. 0 ADJ-A1 NoSubs
15 11 30 334 1 -5.9 0.099 -9.000 -9.000 -999. 75. 14.8 0.0310 0.83 1.00 1.60 7.0 10.0 275.9 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
15 11 30 334 2 -5.3 0.094 -9.000 -9.000 -999. 69. 14.1 0.0330 0.83 1.00 1.50 307.0 10.0 275.9 2.0 0
0.00 75. 1016. 0 ADJ-A1 NoSubs
15 11 30 334 3 -5.8 0.098 -9.000 -9.000 -999. 74. 14.8 0.0330 0.83 1.00 1.57 309.0 10.0 277.0 2.0 0
0.00 69. 1017. 0 ADJ-A1 NoSubs
15 11 30 334 4 -10.8 0.136 -9.000 -9.000 -999. 121. 21.1 0.0380 0.83 1.00 2.08 337.0 10.0 274.9 2.0 0
0.00 81. 1016. 0 ADJ-A1 NoSubs
15 11 30 334 5 -4.1 0.083 -9.000 -9.000 -999. 58. 12.6 0.0330 0.83 1.00 1.31 34.0 10.0 275.9 2.0 0
0.00 75. 1016. 0 ADJ-A1 NoSubs
15 11 30 334 6 -4.1 0.083 -9.000 -9.000 -999. 57. 12.6 0.0330 0.83 1.00 1.31 326.0 10.0 275.9 2.0 0
0.00 75. 1016. 0 ADJ-A1 NoSubs
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0.00 81. 1017. 0 ADJ-A1 NoSubs
15 11 30 334 8 -9.7 0.133 -9.000 -9.000 -999. 116. 21.9 0.0260 0.83 0.56 2.15 293.0 10.0 274.9 2.0 0
0.00 81. 1017. 0 ADJ-A1 NoSubs
15 11 30 334 9 17.5 0.120 0.352 0.011 90. 100. -9.0 0.0330 0.83 0.32 1.37 327.0 10.0 279.9 2.0 0
0.00 64. 1017. 0 ADJ-A1 NoSubs
15 11 30 334 10 65.3 0.128 0.662 0.008 161. 110. -2.9 0.0330 0.83 0.24 1.26 51.0 10.0 282.5 2.0 0
0.00 58. 1017. 5 ADJ-A1 NoSubs
15 11 30 334 11 19.9 0.102 0.481 0.007 202. 79. -4.9 0.0300 0.83 0.21 1.11 110.0 10.0 283.1 2.0 0
0.00 51. 1017. 10 ADJ-A1 NoSubs
15 11 30 334 12 24.0 0.115 0.552 0.007 254. 93. -5.7 0.0290 0.83 0.20 1.28 82.0 10.0 284.2 2.0 0
0.00 52. 1016. 10 ADJ-A1 NoSubs
15 11 30 334 13 24.2 0.110 0.584 0.007 299. 87. -5.0 0.0340 0.83 0.20 1.16 131.0 10.0 285.9 2.0 0
0.00 46. 1015. 10 ADJ-A1 NoSubs
15 11 30 334 14 20.3 0.084 0.571 0.007 331. 58. -2.6 0.0290 0.83 0.21 0.84 87.0 10.0 287.0 2.0 0
0.00 43. 1015. 10 ADJ-A1 NoSubs
15 11 30 334 15 12.4 0.088 0.494 0.006 350. 62. -4.9 0.0230 0.83 0.24 1.01 197.0 10.0 287.5 2.0 0
0.00 43. 1015. 10 ADJ-A1 NoSubs
15 11 30 334 16 1.2 0.075 0.228 0.006 351. 50. -31.8 0.0290 0.83 0.33 0.99 241.0 10.0 287.0 2.0 0
0.00 50. 1015. 10 ADJ-A1 NoSubs
15 11 30 334 17 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0310 0.83 0.61 1.18 13.0 10.0 286.4 2.0 0
0.00 52. 1015. 10 ADJ-A1 NoSubs
15 11 30 334 18 -2.5 0.068 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.96 350.0 10.0 285.4 2.0 0
0.00 61. 1015. 10 ADJ-A1 NoSubs
15 11 30 334 19 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.11 357.0 10.0 284.9 2.0 0
0.00 60. 1016. 10 ADJ-A1 NoSubs
15 11 30 334 20 -8.4 0.120 -9.000 -9.000 -999. 99. 18.4 0.0330 0.83 1.00 1.89 321.0 10.0 283.1 2.0 0
0.00 67. 1016. 7 ADJ-A1 NoSubs
15 11 30 334 21 -8.6 0.121 -9.000 -9.000 -999. 101. 18.7 0.0330 0.83 1.00 1.91 318.0 10.0 282.5 2.0 0
0.00 70. 1016. 7 ADJ-A1 NoSubs
15 11 30 334 22 -8.9 0.123 -9.000 -9.000 -999. 104. 18.9 0.0330 0.83 1.00 1.94 315.0 10.0 280.9 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
15 11 30 334 23 -13.9 0.155 -9.000 -9.000 -999. 146. 26.4 0.0330 0.83 1.00 2.40 307.0 10.0 280.4 2.0 0
0.00 65. 1017. 10 ADJ-A1 NoSubs
15 11 30 334 24 -7.3 0.111 -9.000 -9.000 -999. 89. 16.9 0.0330 0.83 1.00 1.76 317.0 10.0 279.9 2.0 0
0.00 64. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 1 -2.9 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.83 1.00 1.13 307.0 10.0 279.9 2.0 0
0.00 62. 1016. 10 ADJ-A1 NoSubs
15 12 1 335 2 -2.8 0.070 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 1.00 1.08 340.0 10.0 278.8 2.0 0

0.00 67. 1016. 0 ADJ-A1 NoSubs
15 12 1 335 3 -4.4 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.83 1.00 1.43 305.0 10.0 277.5 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 4 -9.1 0.122 -9.000 -9.000 -999. 103. 18.2 0.0230 0.83 1.00 2.05 315.0 10.0 277.5 2.0 0
0.00 69. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 5 -10.8 0.133 -9.000 -9.000 -999. 117. 20.0 0.0230 0.83 1.00 2.22 317.0 10.0 277.0 2.0 0
0.00 69. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 6 -2.5 0.068 -9.000 -9.000 -999. 43. 11.2 0.0270 0.83 1.00 1.01 330.0 10.0 277.0 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 7 -4.1 0.082 -9.000 -9.000 -999. 57. 12.3 0.0270 0.83 1.00 1.35 348.0 10.0 277.0 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 8 -4.6 0.091 -9.000 -9.000 -999. 65. 14.6 0.0270 0.83 0.56 1.50 358.0 10.0 279.2 2.0 0
0.00 64. 1018. 0 ADJ-A1 NoSubs
15 12 1 335 9 17.1 0.109 0.300 0.007 57. 86. -6.8 0.0230 0.83 0.32 1.30 23.0 10.0 282.5 2.0 0
0.00 55. 1018. 0 ADJ-A1 NoSubs
15 12 1 335 10 60.8 0.186 0.814 0.006 322. 192. -9.6 0.0230 0.83 0.24 2.30 91.0 10.0 285.4 2.0 0
0.00 44. 1018. 0 ADJ-A1 NoSubs
15 12 1 335 11 91.9 0.189 1.000 0.005 395. 197. -6.7 0.0200 0.83 0.21 2.32 85.0 10.0 287.5 2.0 0
0.00 35. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 12 107.3 0.137 1.174 0.009 547. 123. -2.2 0.0280 0.83 0.20 1.35 136.0 10.0 288.8 2.0 0
0.00 32. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 13 107.0 0.140 1.295 0.010 736. 125. -2.3 0.0230 0.83 0.20 1.45 95.0 10.0 290.4 2.0 0
0.00 29. 1016. 0 ADJ-A1 NoSubs
15 12 1 335 14 90.7 0.163 1.313 0.010 904. 158. -4.3 0.0230 0.83 0.21 1.84 98.0 10.0 291.4 2.0 0
0.00 24. 1016. 0 ADJ-A1 NoSubs
15 12 1 335 15 58.7 0.152 1.140 0.010 915. 142. -5.4 0.0230 0.83 0.24 1.77 119.0 10.0 291.4 2.0 0
0.00 33. 1015. 0 ADJ-A1 NoSubs
15 12 1 335 16 14.1 0.150 0.709 0.010 917. 139. -21.6 0.0210 0.83 0.34 2.03 213.0 10.0 289.9 2.0 0
0.00 36. 1015. 0 ADJ-A1 NoSubs
15 12 1 335 17 -3.9 0.081 -9.000 -9.000 -999. 57. 12.4 0.0180 0.83 0.61 1.43 247.0 10.0 286.4 2.0 0
0.00 50. 1016. 0 ADJ-A1 NoSubs
15 12 1 335 18 -6.1 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.76 299.0 10.0 285.4 2.0 0
0.00 52. 1016. 0 ADJ-A1 NoSubs
15 12 1 335 19 -11.0 0.137 -9.000 -9.000 -999. 121. 21.0 0.0270 0.83 1.00 2.21 336.0 10.0 283.1 2.0 0
0.00 62. 1016. 0 ADJ-A1 NoSubs
15 12 1 335 20 -9.0 0.122 -9.000 -9.000 -999. 103. 18.4 0.0230 0.83 1.00 2.05 307.0 10.0 283.1 2.0 0
0.00 58. 1016. 0 ADJ-A1 NoSubs
15 12 1 335 21 -11.0 0.135 -9.000 -9.000 -999. 120. 20.5 0.0230 0.83 1.00 2.25 311.0 10.0 282.5 2.0 0
0.00 60. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 22 -6.3 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.77 267.0 10.0 281.4 2.0 0
0.00 65. 1017. 0 ADJ-A1 NoSubs
15 12 1 335 23 -9.6 0.126 -9.000 -9.000 -999. 108. 19.0 0.0230 0.83 1.00 2.11 320.0 10.0 280.4 2.0 0
0.00 70. 1018. 0 ADJ-A1 NoSubs
15 12 1 335 24 -8.8 0.121 -9.000 -9.000 -999. 101. 18.3 0.0270 0.83 1.00 1.98 335.0 10.0 280.4 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
15 12 2 336 1 -5.8 0.098 -9.000 -9.000 -999. 74. 14.6 0.0270 0.83 1.00 1.62 359.0 10.0 279.9 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
15 12 2 336 2 -3.9 0.080 -9.000 -9.000 -999. 55. 12.0 0.0230 0.83 1.00 1.35 316.0 10.0 279.2 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
15 12 2 336 3 -6.7 0.103 -9.000 -9.000 -999. 80. 14.9 0.0180 0.83 1.00 1.82 290.0 10.0 277.0 2.0 0
0.00 81. 1017. 0 ADJ-A1 NoSubs
15 12 2 336 4 -6.5 0.103 -9.000 -9.000 -999. 79. 15.1 0.0230 0.83 1.00 1.74 327.0 10.0 278.8 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
15 12 2 336 5 -9.9 0.128 -9.000 -9.000 -999. 109. 19.1 0.0230 0.83 1.00 2.13 328.0 10.0 277.5 2.0 0

0.00 79. 1017. 0 ADJ-A1 NoSubs
15 12 2 336 6 -9.1 0.122 -9.000 -9.000 -999. 103. 18.3 0.0230 0.83 1.00 2.05 8.0 10.0 279.2 2.0 0
0.00 70. 1017. 10 ADJ-A1 NoSubs
15 12 2 336 7 -3.1 0.072 -9.000 -9.000 -999. 47. 10.8 0.0180 0.83 1.00 1.23 243.0 10.0 278.1 2.0 0
0.00 75. 1017. 0 ADJ-A1 NoSubs
15 12 2 336 8 -4.3 0.087 -9.000 -9.000 -999. 61. 13.7 0.0210 0.83 0.57 1.50 229.0 10.0 279.9 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
15 12 2 336 9 20.3 0.108 0.337 0.013 68. 85. -5.6 0.0200 0.83 0.32 1.30 66.0 10.0 282.0 2.0 0
0.00 60. 1017. 7 ADJ-A1 NoSubs
15 12 2 336 10 54.4 0.127 0.661 0.012 192. 109. -3.4 0.0240 0.83 0.24 1.38 43.0 10.0 284.9 2.0 0
0.00 54. 1017. 7 ADJ-A1 NoSubs
15 12 2 336 11 78.4 0.119 0.844 0.009 278. 98. -1.9 0.0280 0.83 0.21 1.14 129.0 10.0 285.9 2.0 0
0.00 48. 1017. 7 ADJ-A1 NoSubs
15 12 2 336 12 24.7 0.103 0.590 0.009 301. 80. -4.1 0.0280 0.83 0.20 1.11 128.0 10.0 288.1 2.0 0
0.00 41. 1016. 10 ADJ-A1 NoSubs
15 12 2 336 13 106.3 0.142 1.041 0.006 384. 128. -2.4 0.0310 0.83 0.20 1.38 155.0 10.0 290.4 2.0 0
0.00 37. 1015. 0 ADJ-A1 NoSubs
15 12 2 336 14 78.5 0.130 0.989 0.006 446. 113. -2.5 0.0280 0.83 0.21 1.31 120.0 10.0 291.4 2.0 0
0.00 32. 1014. 7 ADJ-A1 NoSubs
15 12 2 336 15 58.1 0.138 0.922 0.005 488. 123. -4.1 0.0230 0.83 0.24 1.55 96.0 10.0 290.9 2.0 0
0.00 39. 1013. 0 ADJ-A1 NoSubs
15 12 2 336 16 13.9 0.167 0.577 0.005 497. 164. -30.3 0.0280 0.83 0.34 2.20 123.0 10.0 290.4 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
15 12 2 336 17 -6.1 0.104 -9.000 -9.000 -999. 81. 16.7 0.0310 0.83 0.61 1.67 173.0 10.0 287.5 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
15 12 2 336 18 -5.4 0.093 -9.000 -9.000 -999. 68. 13.6 0.0180 0.83 1.00 1.65 284.0 10.0 285.9 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
15 12 2 336 19 -7.2 0.109 -9.000 -9.000 -999. 86. 16.3 0.0230 0.83 1.00 1.84 314.0 10.0 284.2 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
15 12 2 336 20 -4.9 0.089 -9.000 -9.000 -999. 64. 13.3 0.0230 0.83 1.00 1.52 19.0 10.0 284.2 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
15 12 2 336 21 -3.7 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.83 1.00 1.31 329.0 10.0 282.5 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
15 12 2 336 22 -8.5 0.118 -9.000 -9.000 -999. 97. 17.4 0.0180 0.83 1.00 2.06 293.0 10.0 281.4 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
15 12 2 336 23 -8.9 0.121 -9.000 -9.000 -999. 101. 18.1 0.0230 0.83 1.00 2.03 313.0 10.0 279.9 2.0 0
0.00 78. 1013. 0 ADJ-A1 NoSubs
15 12 2 336 24 -9.5 0.126 -9.000 -9.000 -999. 107. 18.9 0.0230 0.83 1.00 2.10 322.0 10.0 280.4 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
15 12 3 337 1 -7.2 0.107 -9.000 -9.000 -999. 85. 15.7 0.0180 0.83 1.00 1.89 293.0 10.0 279.9 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
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2.00 89. 1010. 10 ADJ-A1 NoSubs
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1.30 92. 1011. 10 ADJ-A1 NoSubs
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0.00 100. 1019. 10 ADJ-A1 NoSubs
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0.00 92. 1019. 5 ADJ-A1 NoSubs
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15 12 4 338 14 90.5 0.147 1.442 0.005 1203. 135. -3.2 0.0230 0.83 0.21 1.59 114.0 10.0 288.8 2.0 0
0.00 61. 1017. 5 ADJ-A1 NoSubs
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0.00 57. 1017. 3 ADJ-A1 NoSubs
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15 12 5 339 3 -2.1 0.063 -9.000 -9.000 -999. 38. 10.7 0.0180 0.83 1.00 0.94 295.0 10.0 277.5 2.0 0
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15 12 5 339 4 -5.6 0.095 -9.000 -9.000 -999. 71. 14.0 0.0230 0.83 1.00 1.62 329.0 10.0 278.1 2.0 0
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15 12 5 339 8 -9.2 0.127 -9.000 -9.000 -999. 108. 20.2 0.0230 0.83 0.59 2.11 319.0 10.0 279.2 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
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15 12 5 339 11 88.1 0.160 0.915 0.005 316. 154. -4.3 0.0230 0.83 0.21 1.81 119.0 10.0 286.4 2.0 0
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15 12 5 339 13 103.9 0.154 1.198 0.006 601. 145. -3.2 0.0200 0.83 0.20 1.72 86.0 10.0 288.8 2.0 0
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15 12 5 339 14 87.5 0.116 1.259 0.009 828. 95. -1.6 0.0280 0.83 0.21 1.08 143.0 10.0 288.8 2.0 0

0.00 46. 1018. 0 ADJ-A1 NoSubs
15 12 5 339 15 55.9 0.109 1.096 0.008 856. 86. -2.1 0.0210 0.83 0.25 1.14 210.0 10.0 288.1 2.0 0
0.00 53. 1018. 0 ADJ-A1 NoSubs
15 12 5 339 16 12.0 0.128 0.658 0.008 859. 110. -15.9 0.0310 0.83 0.34 1.57 178.0 10.0 287.0 2.0 0
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15 12 5 339 17 -4.2 0.084 -9.000 -9.000 -999. 58. 12.7 0.0180 0.83 0.62 1.48 285.0 10.0 285.4 2.0 0
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15 12 5 339 20 -6.6 0.104 -9.000 -9.000 -999. 82. 15.5 0.0230 0.83 1.00 1.76 301.0 10.0 283.1 2.0 0
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0.00 79. 1020. 0 ADJ-SFC NoSubs
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0.00 88. 1020. 0 ADJ-SFC NoSubs
15 12 6 340 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 279.2 2.0
0 0.00 88. 1020. 0 ADJ-SFC NoSubs
15 12 6 340 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 279.9 2.0
0 0.00 88. 1020. 0 ADJ-SFC NoSubs
15 12 6 340 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 279.9 2.0
0 0.00 88. 1020. 0 ADJ-SFC NoSubs
15 12 6 340 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 280.4 2.0
0 0.00 89. 1020. 3 ADJ-SFC NoSubs
15 12 6 340 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.60 0.00 0.0 10.0 281.4 2.0
0 0.00 85. 1021. 7 ADJ-SFC NoSubs
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0.00 51. 1020. 0 ADJ-SFC NoSubs
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0.00 80. 1020. 10 ADJ-A1 NoSubs
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0.00 92. 1020. 7 ADJ-A1 NoSubs
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0.00 96. 1020. 7 ADJ-A1 NoSubs
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0.00 92. 1020. 3 ADJ-A1 NoSubs
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0.00 83. 1020. 0 ADJ-A1 NoSubs
15 12 7 341 11 87.4 0.131 1.048 0.005 479. 113. -2.3 0.0200 0.83 0.21 1.40 71.0 10.0 288.8 2.0 0
0.00 77. 1020. 0 ADJ-A1 NoSubs
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0.00 72. 1020. 0 ADJ-A1 NoSubs
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0.00 77. 1019. 0 ADJ-A1 NoSubs
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0.00 77. 1018. 0 ADJ-A1 NoSubs
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0.00 80. 1017. 0 ADJ-A1 NoSubs
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0.30 96. 1011. 10 ADJ-A1 NoSubs
15 12 10 344 1 -2.7 0.070 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 1.00 1.08 355.0 10.0 286.4 2.0 11
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2.50 100. 1008. 10 ADJ-A1 NoSubs
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2.50 100. 1007. 10 ADJ-A1 NoSubs
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3.80 999. 1008. 10 ADJ-A1 NoSubs
15 12 10 344 9 0.4 0.210 0.041 0.005 7. 232. -2385.4 0.0170 0.83 0.34 3.35 196.0 10.0 286.4 2.0 11
3.00 100. 1009. 10 ADJ-A1 NoSubs
15 12 10 344 10 11.6 0.148 0.318 0.005 99. 137. -25.0 0.0170 0.83 0.25 2.10 193.0 10.0 288.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
15 12 10 344 11 74.6 0.133 0.934 0.005 393. 116. -2.8 0.0180 0.83 0.21 1.50 256.0 10.0 288.8 2.0 0
0.00 92. 1009. 7 ADJ-A1 NoSubs
15 12 10 344 12 23.7 0.261 0.676 0.005 467. 320. -67.4 0.0210 0.83 0.20 3.78 235.0 10.0 289.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
15 12 10 344 13 87.2 0.307 1.176 0.005 671. 408. -29.9 0.0180 0.83 0.20 4.37 260.0 10.0 289.2 2.0 0
0.00 66. 1009. 7 ADJ-A1 NoSubs
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15 12 10 344 15 54.8 0.257 1.119 0.005 919. 313. -27.8 0.0180 0.83 0.25 3.64 241.0 10.0 288.8 2.0 0
0.00 66. 1007. 0 ADJ-A1 NoSubs
15 12 10 344 16 17.0 0.289 0.765 0.005 945. 373. -127.7 0.0210 0.83 0.34 4.29 235.0 10.0 287.0 2.0 0
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15 12 10 344 19 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0230 0.83 1.00 1.77 329.0 10.0 284.9 2.0 11
1.00 92. 1007. 10 ADJ-A1 NoSubs
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0.50 100. 1007. 10 ADJ-A1 NoSubs
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11 1.50 96. 1006. 10 ADJ-A1 NoSubs
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1.00 96. 1006. 10 ADJ-A1 NoSubs
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0.50 100. 1006. 10 ADJ-A1 NoSubs
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0.30 100. 1005. 7 ADJ-A1 NoSubs
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0.30 100. 1005. 7 ADJ-A1 NoSubs
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1.50 100. 1005. 10 ADJ-A1 NoSubs
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0.00 100. 1007. 10 ADJ-A1 NoSubs
15 12 11 345 10 52.1 0.142 0.629 0.006 171. 129. -5.0 0.0280 0.83 0.25 1.57 140.0 10.0 283.8 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
15 12 11 345 11 88.6 0.188 0.933 0.005 329. 196. -6.8 0.0310 0.83 0.21 2.11 164.0 10.0 284.9 2.0 0
0.00 79. 1008. 3 ADJ-A1 NoSubs
15 12 11 345 12 86.0 0.257 1.019 0.005 442. 312. -17.6 0.0210 0.83 0.20 3.42 215.0 10.0 287.0 2.0 0
0.00 66. 1008. 7 ADJ-A1 NoSubs
15 12 11 345 13 22.8 0.253 0.699 0.005 538. 306. -64.2 0.0180 0.83 0.20 3.76 258.0 10.0 286.4 2.0 0
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15 12 11 345 14 87.2 0.221 1.278 0.005 860. 250. -11.1 0.0180 0.83 0.21 2.91 273.0 10.0 286.4 2.0 0
0.00 59. 1007. 5 ADJ-A1 NoSubs
15 12 11 345 15 59.7 0.219 1.197 0.005 1033. 246. -15.8 0.0180 0.83 0.25 2.98 280.0 10.0 287.5 2.0 0
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15 12 11 345 16 11.3 0.171 0.695 0.005 1064. 170. -39.4 0.0180 0.83 0.34 2.47 277.0 10.0 287.0 2.0 0
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15 12 11 345 17 -7.9 0.117 -9.000 -9.000 -999. 97. 18.3 0.0180 0.83 0.62 2.04 272.0 10.0 284.9 2.0 0
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15 12 11 345 18 -8.0 0.114 -9.000 -9.000 -999. 93. 16.9 0.0180 0.83 1.00 2.00 262.0 10.0 284.9 2.0 0
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15 12 11 345 19 -6.5 0.103 -9.000 -9.000 -999. 79. 15.0 0.0180 0.83 1.00 1.81 249.0 10.0 282.5 2.0 0
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15 12 11 345 20 -6.2 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.83 1.00 1.72 312.0 10.0 281.4 2.0 0
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0.80 92. 1009. 10 ADJ-A1 NoSubs
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11 10.20 100. 1009. 10 ADJ-A1 NoSubs
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0.00 82. 1014. 0 ADJ-A1 NoSubs
15 12 14 348 10 49.7 0.109 0.841 0.008 433. 87. -2.4 0.0310 0.83 0.25 1.06 178.0 10.0 281.4 2.0 0
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0.00 37. 1014. 0 ADJ-A1 NoSubs
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15 12 16 350 9 4.9 0.090 0.183 0.009 46. 65. -13.9 0.0170 0.83 0.36 1.23 202.0 10.0 277.5 2.0 0
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15 12 16 350 12 97.5 0.216 1.110 0.006 510. 241. -9.4 0.0230 0.83 0.20 2.67 94.0 10.0 284.9 2.0 0
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15 12 16 350 13 98.8 0.164 1.203 0.010 640. 160. -4.1 0.0230 0.83 0.20 1.84 105.0 10.0 286.4 2.0 0
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15 12 16 350 14 84.0 0.153 1.192 0.010 732. 143. -3.9 0.0310 0.83 0.21 1.59 178.0 10.0 287.0 2.0 0
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15 12 16 350 15 53.7 0.175 1.051 0.010 784. 175. -9.0 0.0170 0.83 0.25 2.28 190.0 10.0 286.4 2.0 0
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0.00 52. 1017. 0 ADJ-A1 NoSubs
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11 0.30 92. 1017. 10 ADJ-A1 NoSubs
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11 0.30 100. 1017. 10 ADJ-A1 NoSubs
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1.00 999. 1015. 10 ADJ-A1 NoSubs
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1.50 999. 1015. 10 ADJ-A1 NoSubs
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3.80 100. 1014. 10 ADJ-A1 NoSubs
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15 12 21 355 14 18.9 0.259 0.552 0.010 321. 317. -83.6 0.0310 0.83 0.21 3.54 162.0 10.0 287.0 2.0 0
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15 12 21 355 15 11.5 0.395 0.474 0.006 334. 596. -485.4 0.0170 0.83 0.25 6.23 191.0 10.0 287.0 2.0
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15 12 22 356 7 -26.8 0.274 -9.000 -9.000 -999. 371. 82.9 0.0180 0.83 1.00 4.56 241.0 10.0 287.5 2.0 11
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15 12 22 356 8 -28.8 0.298 -9.000 -9.000 -999. 390. 97.5 0.0210 0.83 0.69 4.81 237.0 10.0 287.5 2.0 11
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15 12 22 356 10 9.9 0.343 0.303 0.005 101. 482. -367.8 0.0210 0.83 0.26 5.21 231.0 10.0 287.5 2.0 11
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15 12 22 356 13 99.2 0.447 1.190 0.006 609. 718. -80.9 0.0210 0.83 0.20 6.53 239.0 10.0 289.2 2.0 0
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15 12 22 356 14 73.9 0.447 1.135 0.006 708. 718. -108.4 0.0210 0.83 0.21 6.60 235.0 10.0 288.1 2.0 0
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0.00 83. 1005. 3 ADJ-A1 NoSubs
15 12 22 356 16 19.1 0.339 0.748 0.006 787. 474. -183.0 0.0180 0.83 0.34 5.21 257.0 10.0 287.0 2.0 0
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0.00 82. 1010. 0 ADJ-A1 NoSubs
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0.00 68. 1011. 0 ADJ-A1 NoSubs
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0.00 54. 1011. 0 ADJ-A1 NoSubs
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2.00 95. 1011. 10 ADJ-A1 NoSubs
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0.80 999. 1010. 10 ADJ-A1 NoSubs
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1.50 999. 1009. 7 ADJ-A1 NoSubs
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0.30 89. 1009. 7 ADJ-A1 NoSubs
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0.00 65. 1009. 7 ADJ-A1 NoSubs
15 12 24 358 15 59.3 0.290 1.222 0.005 1107. 376. -37.2 0.0180 0.83 0.25 4.19 268.0 10.0 284.2 2.0
11 0.30 65. 1009. 5 ADJ-A1 NoSubs
15 12 24 358 16 18.7 0.315 0.835 0.005 1117. 424. -150.3 0.0180 0.83 0.33 4.82 264.0 10.0 283.1 2.0
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0.00 76. 1018. 0 ADJ-A1 NoSubs
15 12 25 359 11 77.7 0.125 1.131 0.005 677. 106. -2.3 0.0230 0.83 0.22 1.30 109.0 10.0 281.4 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
15 12 25 359 12 82.3 0.147 1.226 0.005 813. 135. -3.5 0.0280 0.83 0.20 1.54 144.0 10.0 283.1 2.0 0
0.00 65. 1017. 7 ADJ-A1 NoSubs
15 12 25 359 13 99.5 0.147 1.335 0.005 869. 135. -2.9 0.0310 0.83 0.20 1.47 155.0 10.0 283.8 2.0 0
0.00 65. 1017. 5 ADJ-A1 NoSubs
15 12 25 359 14 18.4 0.150 0.764 0.005 879. 139. -16.5 0.0310 0.83 0.21 1.84 177.0 10.0 284.9 2.0 0
0.00 63. 1017. 10 ADJ-A1 NoSubs
15 12 25 359 15 55.2 0.167 1.114 0.005 909. 164. -7.7 0.0240 0.83 0.24 2.01 44.0 10.0 285.4 2.0 0
0.00 52. 1017. 0 ADJ-A1 NoSubs
15 12 25 359 16 13.6 0.201 0.700 0.005 915. 217. -54.4 0.0270 0.83 0.33 2.76 349.0 10.0 284.9 2.0 0
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0.00 88. 1018. 0 ADJ-A1 NoSubs
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0.00 92. 1019. 0 ADJ-A1 NoSubs
15 12 30 364 8 -3.1 0.071 -9.000 -9.000 -999. 46. 10.7 0.0180 0.83 0.71 1.21 282.0 10.0 273.1 2.0 0

0.00 92. 1019. 0 ADJ-A1 NoSubs
15 12 30 364 9 -0.0 0.061 -9.000 -9.000 -999. 36. 2007.9 0.0180 0.83 0.38 0.97 285.0 10.0 276.4 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
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0.00 75. 1020. 0 ADJ-A1 NoSubs
15 12 30 364 11 77.6 0.134 0.819 0.007 257. 117. -2.8 0.0200 0.83 0.22 1.47 80.0 10.0 281.4 2.0 0
0.00 68. 1020. 0 ADJ-A1 NoSubs
15 12 30 364 12 101.3 0.136 1.095 0.006 471. 120. -2.2 0.0230 0.83 0.20 1.40 100.0 10.0 283.1 2.0 0
0.00 60. 1018. 3 ADJ-A1 NoSubs
15 12 30 364 13 85.3 0.146 1.095 0.005 559. 134. -3.3 0.0230 0.83 0.20 1.59 115.0 10.0 285.4 2.0 0
0.00 54. 1017. 7 ADJ-A1 NoSubs
15 12 30 364 14 86.4 0.134 1.148 0.005 636. 117. -2.5 0.0310 0.83 0.21 1.31 159.0 10.0 286.4 2.0 0
0.00 52. 1017. 0 ADJ-A1 NoSubs
15 12 30 364 15 57.8 0.187 1.028 0.005 682. 194. -10.2 0.0210 0.83 0.24 2.37 214.0 10.0 286.4 2.0 0
0.00 59. 1017. 0 ADJ-A1 NoSubs
15 12 30 364 16 20.7 0.189 0.735 0.005 696. 197. -29.7 0.0210 0.83 0.33 2.62 231.0 10.0 285.4 2.0 0
0.00 52. 1016. 7 ADJ-A1 NoSubs
15 12 30 364 17 -5.9 0.106 -9.000 -9.000 -999. 85. 18.0 0.0180 0.83 0.56 1.84 255.0 10.0 284.2 2.0 0
0.00 63. 1017. 7 ADJ-A1 NoSubs
15 12 30 364 18 -7.5 0.110 -9.000 -9.000 -999. 88. 16.1 0.0180 0.83 1.00 1.93 280.0 10.0 283.1 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
15 12 30 364 19 -7.4 0.110 -9.000 -9.000 -999. 88. 16.4 0.0230 0.83 1.00 1.86 310.0 10.0 280.4 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
15 12 30 364 20 -10.5 0.132 -9.000 -9.000 -999. 115. 19.9 0.0230 0.83 1.00 2.20 308.0 10.0 279.2 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
15 12 30 364 21 -10.6 0.133 -9.000 -9.000 -999. 116. 20.0 0.0230 0.83 1.00 2.21 307.0 10.0 279.2 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
15 12 30 364 22 -7.0 0.107 -9.000 -9.000 -999. 85. 16.0 0.0270 0.83 1.00 1.77 333.0 10.0 278.1 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
15 12 30 364 23 -4.3 0.084 -9.000 -9.000 -999. 58. 12.4 0.0230 0.83 1.00 1.42 322.0 10.0 277.5 2.0 0
0.00 89. 1018. 3 ADJ-A1 NoSubs
15 12 30 364 24 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0270 0.83 1.00 1.72 350.0 10.0 279.2 2.0 0
0.00 85. 1018. 10 ADJ-A1 NoSubs
15 12 31 365 1 -16.1 0.165 -9.000 -9.000 -999. 161. 30.1 0.0240 0.83 1.00 2.69 30.0 10.0 280.9 2.0 0
0.00 73. 1017. 3 ADJ-A1 NoSubs
15 12 31 365 2 -15.5 0.162 -9.000 -9.000 -999. 157. 28.9 0.0240 0.83 1.00 2.64 38.0 10.0 280.4 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
15 12 31 365 3 -20.2 0.199 -9.000 -9.000 -999. 213. 43.5 0.0240 0.83 1.00 3.20 32.0 10.0 280.9 2.0 0
0.00 70. 1017. 7 ADJ-A1 NoSubs
15 12 31 365 4 -19.1 0.188 -9.000 -9.000 -999. 195. 38.8 0.0240 0.83 1.00 3.03 40.0 10.0 280.4 2.0 0
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15 12 31 365 5 -18.1 0.178 -9.000 -9.000 -999. 180. 34.8 0.0240 0.83 1.00 2.88 34.0 10.0 280.4 2.0 0
0.00 70. 1017. 3 ADJ-A1 NoSubs
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0.00 85. 1017. 5 ADJ-A1 NoSubs
15 12 31 365 7 -5.3 0.092 -9.000 -9.000 -999. 67. 13.5 0.0230 0.83 1.00 1.57 20.0 10.0 275.9 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
15 12 31 365 8 -3.2 0.074 -9.000 -9.000 -999. 48. 11.2 0.0230 0.83 0.72 1.21 1.0 10.0 276.4 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
15 12 31 365 9 0.5 0.067 0.047 0.005 8. 41. -57.0 0.0200 0.83 0.38 0.97 71.0 10.0 280.4 2.0 0
0.00 76. 1017. 0 ADJ-A1 NoSubs
15 12 31 365 10 44.9 0.157 0.700 0.005 277. 150. -7.9 0.0230 0.83 0.26 1.91 91.0 10.0 283.1 2.0 0
0.00 62. 1018. 0 ADJ-A1 NoSubs
15 12 31 365 11 78.5 0.281 1.061 0.006 552. 358. -25.7 0.0240 0.83 0.22 3.76 55.0 10.0 284.9 2.0 0

0.00 54. 1018. 0 ADJ-A1 NoSubs
15 12 31 365 12 97.1 0.244 1.197 0.005 642. 290. -13.6 0.0240 0.83 0.20 3.10 57.0 10.0 285.4 2.0 0 0.00 50. 1017. 0 ADJ-A1 NoSubs
15 12 31 365 13 100.1 0.232 1.259 0.005 723. 269. -11.4 0.0240 0.83 0.20 2.90 44.0 10.0 286.4 2.0 0 0.00 46. 1016. 0 ADJ-A1 NoSubs
15 12 31 365 14 86.8 0.284 1.235 0.005 787. 363. -23.9 0.0240 0.83 0.21 3.78 55.0 10.0 286.4 2.0 0 0.00 46. 1015. 0 ADJ-A1 NoSubs
15 12 31 365 15 58.4 0.281 1.100 0.005 827. 357. -34.3 0.0240 0.83 0.24 3.83 53.0 10.0 286.4 2.0 0 0.00 46. 1014. 0 ADJ-A1 NoSubs
15 12 31 365 16 17.0 0.265 0.734 0.005 841. 328. -98.9 0.0240 0.83 0.32 3.81 43.0 10.0 285.9 2.0 0 0.00 48. 1014. 0 ADJ-A1 NoSubs
15 12 31 365 17 -15.9 0.190 -9.000 -9.000 -999. 201. 39.7 0.0240 0.83 0.56 3.05 42.0 10.0 284.2 2.0 0 0.00 52. 1014. 0 ADJ-A1 NoSubs
15 12 31 365 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 282.0 2.0 0 0.00 60. 1015. 0 ADJ-SFC NoSubs
15 12 31 365 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 280.4 2.0 0 0.00 67. 1015. 0 ADJ-SFC NoSubs
15 12 31 365 20 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0228 0.83 1.00 1.76 999.0 10.0 280.9 2.0 0 0.00 62. 1015. 0 ADJ-SFC NoSubs
15 12 31 365 21 -6.7 0.105 -9.000 -9.000 -999. 81. 15.5 0.0240 0.83 1.00 1.76 59.0 10.0 278.1 2.0 0 0.00 73. 1015. 0 ADJ-SFC NoSubs
15 12 31 365 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 277.5 2.0 0 0.00 76. 1015. 0 ADJ-SFC NoSubs
15 12 31 365 23 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.76 4.0 10.0 278.8 2.0 0 0.00 70. 1015. 0 ADJ-SFC NoSubs
15 12 31 365 24 -7.2 0.109 -9.000 -9.000 -999. 86. 16.2 0.0270 0.83 1.00 1.79 339.0 10.0 277.0 2.0 0 0.00 78. 1014. 0 ADJ-A1 NoSubs
16 1 1 1 1 -4.4 0.085 -9.000 -9.000 -999. 60. 12.7 0.0270 0.83 1.00 1.40 359.0 10.0 275.9 2.0 0 0.00 81. 1014. 5 ADJ-A1 NoSubs
16 1 1 1 2 -3.0 0.072 -9.000 -9.000 -999. 46. 11.1 0.0230 0.83 1.00 1.16 1.0 10.0 275.9 2.0 0 0.00 81. 1014. 7 ADJ-A1 NoSubs
16 1 1 1 3 -4.9 0.090 -9.000 -9.000 -999. 64. 13.3 0.0270 0.83 1.00 1.48 334.0 10.0 275.9 2.0 0 0.00 85. 1014. 7 ADJ-A1 NoSubs
16 1 1 1 4 -3.3 0.074 -9.000 -9.000 -999. 49. 11.3 0.0240 0.83 1.00 1.21 32.0 10.0 275.4 2.0 0 0.00 85. 1013. 0 ADJ-A1 NoSubs
16 1 1 1 5 -5.0 0.091 -9.000 -9.000 -999. 66. 13.4 0.0270 0.83 1.00 1.50 351.0 10.0 274.9 2.0 0 0.00 88. 1013. 7 ADJ-A1 NoSubs
16 1 1 1 6 -10.5 0.132 -9.000 -9.000 -999. 115. 19.8 0.0230 0.83 1.00 2.20 14.0 10.0 277.5 2.0 0 0.00 73. 1014. 7 ADJ-A1 NoSubs
16 1 1 1 7 -9.5 0.125 -9.000 -9.000 -999. 106. 18.7 0.0240 0.83 1.00 2.08 58.0 10.0 276.4 2.0 0 0.00 78. 1014. 0 ADJ-A1 NoSubs
16 1 1 1 8 -6.8 0.105 -9.000 -9.000 -999. 82. 15.3 0.0200 0.83 0.72 1.82 65.0 10.0 276.4 2.0 0 0.00 78. 1014. 0 ADJ-A1 NoSubs
16 1 1 1 9 6.1 0.113 0.224 0.005 66. 92. -21.5 0.0200 0.83 0.38 1.55 62.0 10.0 278.1 2.0 0 0.00 75. 1015. 3 ADJ-A1 NoSubs
16 1 1 1 10 44.7 0.231 0.781 0.005 386. 266. -24.9 0.0240 0.83 0.26 3.08 53.0 10.0 282.0 2.0 0 0.00 57. 1015. 0 ADJ-A1 NoSubs
16 1 1 1 11 68.7 0.269 0.938 0.005 435. 334. -25.5 0.0240 0.83 0.22 3.59 36.0 10.0 283.1 2.0 0 0.00 56. 1015. 7 ADJ-A1 NoSubs
16 1 1 1 12 83.3 0.227 1.079 0.005 546. 260. -12.7 0.0240 0.83 0.20 2.86 52.0 10.0 283.8 2.0 0 0.00 53. 1015. 7 ADJ-A1 NoSubs
16 1 1 1 13 22.1 0.202 0.704 0.005 571. 219. -33.9 0.0240 0.83 0.20 2.76 50.0 10.0 283.8 2.0 0 0.00 55. 1014. 10 ADJ-A1 NoSubs
16 1 1 1 14 19.0 0.207 0.678 0.005 593. 226. -42.2 0.0200 0.83 0.21 2.95 83.0 10.0 284.2 2.0 0

0.00 54. 1014. 10 ADJ-A1 NoSubs
16 1 1 1 15 12.0 0.159 0.587 0.005 607. 152. -30.1 0.0240 0.83 0.24 2.15 33.0 10.0 284.9 2.0 0
0.00 51. 1014. 10 ADJ-A1 NoSubs
16 1 1 1 16 23.3 0.162 0.741 0.005 631. 156. -16.5 0.0230 0.83 0.32 2.11 10.0 10.0 284.2 2.0 0
0.00 54. 1013. 3 ADJ-A1 NoSubs
16 1 1 1 17 -7.3 0.118 -9.000 -9.000 -999. 97. 20.3 0.0230 0.83 0.55 1.96 19.0 10.0 283.1 2.0 0
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16 1 1 1 18 -5.6 0.096 -9.000 -9.000 -999. 71. 14.2 0.0240 0.83 1.00 1.62 34.0 10.0 281.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
16 1 1 1 19 -1.9 0.062 -9.000 -9.000 -999. 37. 11.3 0.0240 0.83 1.00 0.86 42.0 10.0 280.9 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
16 1 1 1 20 -2.6 0.068 -9.000 -9.000 -999. 43. 11.0 0.0240 0.83 1.00 1.06 32.0 10.0 280.4 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
16 1 1 1 21 -4.2 0.082 -9.000 -9.000 -999. 57. 12.0 0.0180 0.83 1.00 1.45 258.0 10.0 279.9 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
16 1 1 1 22 -2.5 0.066 -9.000 -9.000 -999. 41. 10.5 0.0180 0.83 1.00 1.06 299.0 10.0 279.2 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
16 1 1 1 23 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.83 1.00 1.47 356.0 10.0 278.8 2.0 0
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16 1 1 1 24 -2.8 0.070 -9.000 -9.000 -999. 44. 11.0 0.0230 0.83 1.00 1.11 18.0 10.0 278.1 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
16 1 2 2 1 -3.3 0.075 -9.000 -9.000 -999. 50. 11.6 0.0270 0.83 1.00 1.21 358.0 10.0 278.8 2.0 0
0.00 78. 1014. 0 ADJ-A1 NoSubs
16 1 2 2 2 -1.9 0.062 -9.000 -9.000 -999. 37. 11.3 0.0230 0.83 1.00 0.86 7.0 10.0 278.8 2.0 0
0.00 78. 1013. 7 ADJ-A1 NoSubs
16 1 2 2 3 -1.9 0.061 -9.000 -9.000 -999. 36. 10.8 0.0180 0.83 1.00 0.89 242.0 10.0 278.8 2.0 0
0.00 78. 1013. 7 ADJ-A1 NoSubs
16 1 2 2 4 -2.1 0.063 -9.000 -9.000 -999. 38. 11.1 0.0230 0.83 1.00 0.91 24.0 10.0 278.8 2.0 0
0.00 75. 1013. 10 ADJ-A1 NoSubs
16 1 2 2 5 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.83 1.00 0.97 320.0 10.0 279.2 2.0 0
0.00 75. 1013. 10 ADJ-A1 NoSubs
16 1 2 2 6 -5.8 0.097 -9.000 -9.000 -999. 73. 14.3 0.0230 0.83 1.00 1.65 21.0 10.0 278.8 2.0 0
0.00 78. 1013. 0 ADJ-A1 NoSubs
16 1 2 2 7 -3.5 0.077 -9.000 -9.000 -999. 51. 11.5 0.0230 0.83 1.00 1.28 5.0 10.0 278.8 2.0 0
0.00 75. 1013. 3 ADJ-A1 NoSubs
16 1 2 2 8 -2.2 0.065 -9.000 -9.000 -999. 40. 11.2 0.0270 0.83 0.72 0.94 354.0 10.0 278.8 2.0 0
0.00 78. 1013. 7 ADJ-A1 NoSubs
16 1 2 2 9 8.0 0.074 0.286 0.005 106. 48. -4.5 0.0230 0.83 0.38 0.84 108.0 10.0 279.9 2.0 0
0.00 72. 1013. 7 ADJ-A1 NoSubs
16 1 2 2 10 50.2 0.165 0.768 0.008 325. 161. -8.1 0.0200 0.83 0.26 2.06 71.0 10.0 281.4 2.0 0
0.00 70. 1013. 3 ADJ-A1 NoSubs
16 1 2 2 11 16.7 0.165 0.550 0.007 360. 160. -24.2 0.0200 0.83 0.22 2.27 70.0 10.0 283.1 2.0 0
0.00 60. 1012. 10 ADJ-A1 NoSubs
16 1 2 2 12 83.8 0.150 1.050 0.006 499. 139. -3.6 0.0230 0.83 0.20 1.65 100.0 10.0 284.9 2.0 0
0.00 54. 1011. 7 ADJ-A1 NoSubs
16 1 2 2 13 86.6 0.124 1.136 0.005 611. 105. -2.0 0.0230 0.83 0.20 1.26 95.0 10.0 286.4 2.0 0
0.00 45. 1010. 7 ADJ-A1 NoSubs
16 1 2 2 14 19.9 0.090 0.702 0.005 626. 64. -3.3 0.0180 0.83 0.21 1.03 247.0 10.0 287.0 2.0 0
0.00 43. 1010. 10 ADJ-A1 NoSubs
16 1 2 2 15 64.0 0.195 1.052 0.005 656. 206. -10.4 0.0210 0.83 0.24 2.47 218.0 10.0 285.9 2.0 0
0.00 46. 1010. 5 ADJ-A1 NoSubs
16 1 2 2 16 22.4 0.128 0.746 0.005 667. 111. -8.4 0.0180 0.83 0.32 1.64 288.0 10.0 285.9 2.0 0
0.00 50. 1009. 7 ADJ-A1 NoSubs
16 1 2 2 17 -8.4 0.123 -9.000 -9.000 -999. 104. 20.1 0.0230 0.83 0.55 2.05 319.0 10.0 285.4 2.0 0

0.00 54. 1009. 10 ADJ-A1 NoSubs
16 1 2 2 18 -5.9 0.100 -9.000 -9.000 -999. 76. 15.0 0.0270 0.83 1.00 1.65 340.0 10.0 284.9 2.0 0
0.00 63. 1009. 3 ADJ-A1 NoSubs
16 1 2 2 19 -5.4 0.094 -9.000 -9.000 -999. 69. 14.0 0.0240 0.83 1.00 1.59 31.0 10.0 283.1 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
16 1 2 2 20 -6.0 0.100 -9.000 -9.000 -999. 76. 15.0 0.0270 0.83 1.00 1.65 340.0 10.0 282.5 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
16 1 2 2 21 -4.4 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 313.0 10.0 282.0 2.0 0
0.00 73. 1010. 3 ADJ-A1 NoSubs
16 1 2 2 22 -7.0 0.108 -9.000 -9.000 -999. 85. 16.0 0.0230 0.83 1.00 1.82 319.0 10.0 282.0 2.0 0
0.00 70. 1010. 10 ADJ-A1 NoSubs
16 1 2 2 23 -6.8 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.83 1.00 1.76 344.0 10.0 280.9 2.0 0
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16 1 2 2 24 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.83 1.00 1.47 3.0 10.0 280.9 2.0 0
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16 1 3 3 1 -6.5 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 305.0 10.0 281.4 2.0 0
0.00 73. 1009. 10 ADJ-A1 NoSubs
16 1 3 3 2 -7.0 0.108 -9.000 -9.000 -999. 85. 16.0 0.0230 0.83 1.00 1.82 316.0 10.0 281.4 2.0 0
0.00 73. 1008. 3 ADJ-A1 NoSubs
16 1 3 3 3 -14.1 0.155 -9.000 -9.000 -999. 147. 26.5 0.0230 0.83 1.00 2.55 307.0 10.0 281.4 2.0 0
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16 1 3 3 4 -15.6 0.163 -9.000 -9.000 -999. 158. 29.2 0.0230 0.83 1.00 2.67 304.0 10.0 280.9 2.0 0
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16 1 3 3 5 -14.0 0.154 -9.000 -9.000 -999. 146. 26.2 0.0230 0.83 1.00 2.54 310.0 10.0 280.4 2.0 0
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16 1 3 3 6 -11.9 0.142 -9.000 -9.000 -999. 128. 22.2 0.0230 0.83 1.00 2.35 311.0 10.0 280.4 2.0 0
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16 1 3 3 7 -15.0 0.160 -9.000 -9.000 -999. 153. 28.0 0.0230 0.83 1.00 2.62 310.0 10.0 280.9 2.0 0
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16 1 3 3 8 -14.6 0.158 -9.000 -9.000 -999. 150. 27.4 0.0230 0.83 0.72 2.59 311.0 10.0 280.9 2.0 0
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16 1 3 3 9 -4.2 0.131 -9.000 -9.000 -999. 114. 48.3 0.0230 0.83 0.38 2.11 306.0 10.0 282.5 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
16 1 3 3 10 45.5 0.106 0.592 0.007 163. 83. -2.4 0.0230 0.83 0.26 1.11 314.0 10.0 284.9 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
16 1 3 3 11 79.7 0.114 0.910 0.005 339. 92. -1.7 0.0270 0.83 0.22 1.08 358.0 10.0 287.0 2.0 0
0.00 57. 1006. 0 ADJ-A1 NoSubs
16 1 3 3 12 99.1 0.170 1.133 0.005 527. 168. -4.4 0.0200 0.83 0.20 1.99 75.0 10.0 288.8 2.0 0
0.00 51. 1005. 0 ADJ-A1 NoSubs
16 1 3 3 13 102.3 0.184 1.194 0.005 596. 190. -5.5 0.0280 0.83 0.20 2.06 147.0 10.0 289.2 2.0 0
0.00 51. 1004. 0 ADJ-A1 NoSubs
16 1 3 3 14 89.7 0.189 1.259 0.005 796. 197. -6.7 0.0280 0.83 0.21 2.16 124.0 10.0 289.9 2.0 0
0.00 47. 1003. 0 ADJ-A1 NoSubs
16 1 3 3 15 61.5 0.181 1.173 0.006 940. 185. -8.6 0.0200 0.83 0.24 2.28 65.0 10.0 289.9 2.0 0
0.00 45. 1003. 0 ADJ-A1 NoSubs
16 1 3 3 16 20.0 0.174 0.818 0.007 978. 175. -23.7 0.0200 0.83 0.32 2.40 80.0 10.0 288.8 2.0 0
0.00 48. 1003. 0 ADJ-A1 NoSubs
16 1 3 3 17 -6.3 0.106 -9.000 -9.000 -999. 84. 17.0 0.0180 0.83 0.54 1.86 260.0 10.0 286.4 2.0 0
0.00 64. 1003. 10 ADJ-A1 NoSubs
16 1 3 3 18 -9.6 0.127 -9.000 -9.000 -999. 108. 18.9 0.0180 0.83 1.00 2.20 286.0 10.0 286.4 2.0 0
0.00 61. 1003. 10 ADJ-A1 NoSubs
16 1 3 3 19 -10.4 0.132 -9.000 -9.000 -999. 115. 19.7 0.0180 0.83 1.00 2.28 299.0 10.0 284.9 2.0 11
0.30 76. 1003. 10 ADJ-A1 NoSubs
16 1 3 3 20 -11.0 0.137 -9.000 -9.000 -999. 121. 20.8 0.0230 0.83 1.00 2.27 308.0 10.0 283.8 2.0 11

0.30 85. 1003. 10 ADJ-A1 NoSubs
16 1 3 3 21 -11.6 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.83 1.00 2.33 301.0 10.0 283.8 2.0 0
0.00 89. 1003. 10 ADJ-A1 NoSubs
16 1 3 3 22 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0230 0.83 1.00 1.81 321.0 10.0 283.8 2.0 0
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0.00 89. 1003. 10 ADJ-A1 NoSubs
16 1 3 3 24 -8.3 0.118 -9.000 -9.000 -999. 97. 17.7 0.0230 0.83 1.00 1.98 309.0 10.0 283.1 2.0 0
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0.00 86. 1003. 10 ADJ-A1 NoSubs
16 1 4 4 3 -2.3 0.065 -9.000 -9.000 -999. 40. 10.5 0.0180 0.83 1.00 1.03 297.0 10.0 283.1 2.0 0
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0.30 89. 1002. 10 ADJ-A1 NoSubs
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0.30 92. 1002. 10 ADJ-A1 NoSubs
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0.30 92. 1002. 10 ADJ-A1 NoSubs
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0.50 96. 1002. 10 ADJ-A1 NoSubs
16 1 4 4 8 -7.3 0.110 -9.000 -9.000 -999. 88. 16.4 0.0210 0.83 0.72 1.89 235.0 10.0 282.5 2.0 11
2.00 92. 1003. 10 ADJ-A1 NoSubs
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0.30 96. 1003. 10 ADJ-A1 NoSubs
16 1 4 4 10 8.6 0.118 0.273 0.008 84. 97. -17.0 0.0230 0.83 0.26 1.54 3.0 10.0 284.2 2.0 0 0.00
100. 1004. 10 ADJ-A1 NoSubs
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0.00 80. 1003. 7 ADJ-A1 NoSubs
16 1 4 4 12 100.7 0.140 1.075 0.005 441. 126. -2.5 0.0230 0.83 0.20 1.47 8.0 10.0 287.5 2.0 0
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0.00 77. 1002. 10 ADJ-A1 NoSubs
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0.00 71. 1002. 7 ADJ-A1 NoSubs
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0.00 64. 1001. 10 ADJ-A1 NoSubs
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0.00 74. 1002. 7 ADJ-A1 NoSubs
16 1 4 4 18 -15.8 0.165 -9.000 -9.000 -999. 161. 29.9 0.0210 0.83 1.00 2.74 226.0 10.0 286.4 2.0 0
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0.00 77. 1001. 10 ADJ-A1 NoSubs
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0.30 74. 1000. 10 ADJ-A1 NoSubs
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1.00 82. 1000. 10 ADJ-A1 NoSubs
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1.50 100. 999. 10 ADJ-A1 NoSubs
16 1 5 5 3 -6.1 0.101 -9.000 -9.000 -999. 78. 15.1 0.0230 0.83 1.00 1.72 95.0 10.0 284.2 2.0 11
1.00 100. 999. 10 ADJ-A1 NoSubs
16 1 5 5 4 -7.6 0.113 -9.000 -9.000 -999. 92. 17.0 0.0230 0.83 1.00 1.91 8.0 10.0 284.2 2.0 11
1.30 100. 998. 10 ADJ-A1 NoSubs
16 1 5 5 5 -8.3 0.119 -9.000 -9.000 -999. 98. 17.8 0.0230 0.83 1.00 1.99 312.0 10.0 284.2 2.0 11
5.10 100. 998. 10 ADJ-A1 NoSubs
16 1 5 5 6 -6.8 0.106 -9.000 -9.000 -999. 83. 15.5 0.0170 0.83 1.00 1.88 207.0 10.0 284.2 2.0 11
7.60 100. 998. 10 ADJ-A1 NoSubs
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4.80 999. 998. 10 ADJ-A1 NoSubs
16 1 5 5 8 -4.5 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.83 0.72 1.48 14.0 10.0 284.2 2.0 11
2.00 100. 998. 10 ADJ-A1 NoSubs
16 1 5 5 9 -3.3 0.119 -9.000 -9.000 -999. 98. 45.2 0.0200 0.83 0.38 1.96 77.0 10.0 284.2 2.0 0
0.00 100. 999. 10 ADJ-A1 NoSubs
16 1 5 5 10 8.8 0.132 0.317 0.005 128. 116. -23.4 0.0280 0.83 0.26 1.71 148.0 10.0 284.9 2.0 11
0.30 100. 1000. 10 ADJ-A1 NoSubs
16 1 5 5 11 17.4 0.217 0.477 0.005 221. 243. -52.4 0.0170 0.83 0.22 3.22 209.0 10.0 285.4 2.0 0
0.00 100. 1000. 10 ADJ-A1 NoSubs
16 1 5 5 12 22.2 0.343 0.572 0.005 301. 482. -162.5 0.0180 0.83 0.20 5.26 244.0 10.0 285.4 2.0 11
0.30 89. 1000. 10 ADJ-A1 NoSubs
16 1 5 5 13 22.7 0.329 0.615 0.005 364. 454. -140.4 0.0210 0.83 0.20 4.90 239.0 10.0 284.2 2.0 11
0.30 89. 1001. 10 ADJ-A1 NoSubs
16 1 5 5 14 19.5 0.252 0.608 0.005 411. 306. -73.0 0.0210 0.83 0.21 3.66 237.0 10.0 284.2 2.0 11
1.00 100. 1002. 10 ADJ-A1 NoSubs
16 1 5 5 15 55.7 0.178 0.927 0.005 511. 182. -9.1 0.0180 0.83 0.24 2.30 247.0 10.0 284.9 2.0 0
0.00 96. 1002. 7 ADJ-A1 NoSubs
16 1 5 5 16 2.4 0.125 0.328 0.005 514. 106. -71.0 0.0180 0.83 0.31 1.86 245.0 10.0 284.9 2.0 0
0.00 82. 1003. 10 ADJ-A1 NoSubs
16 1 5 5 17 -5.4 0.106 -9.000 -9.000 -999. 83. 19.5 0.0210 0.83 0.53 1.79 227.0 10.0 283.8 2.0 0
0.00 89. 1003. 5 ADJ-A1 NoSubs
16 1 5 5 18 -7.7 0.114 -9.000 -9.000 -999. 92. 16.9 0.0210 0.83 1.00 1.94 226.0 10.0 283.8 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
16 1 5 5 19 -7.3 0.110 -9.000 -9.000 -999. 88. 16.4 0.0230 0.83 1.00 1.86 325.0 10.0 282.0 2.0 0
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16 1 5 5 20 -11.4 0.139 -9.000 -9.000 -999. 124. 21.2 0.0230 0.83 1.00 2.30 314.0 10.0 280.9 2.0 0
0.00 95. 1005. 3 ADJ-A1 NoSubs
16 1 5 5 21 -10.0 0.130 -9.000 -9.000 -999. 112. 19.5 0.0230 0.83 1.00 2.16 310.0 10.0 280.4 2.0 0
0.00 96. 1006. 3 ADJ-A1 NoSubs
16 1 5 5 22 -8.3 0.118 -9.000 -9.000 -999. 97. 17.6 0.0230 0.83 1.00 1.98 311.0 10.0 280.9 2.0 11
0.30 95. 1006. 10 ADJ-A1 NoSubs
16 1 5 5 23 -5.5 0.096 -9.000 -9.000 -999. 71. 14.4 0.0270 0.83 1.00 1.59 338.0 10.0 281.4 2.0 0
0.00 999. 1006. 10 ADJ-A1 NoSubs
16 1 5 5 24 -3.2 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 1.00 1.20 353.0 10.0 281.4 2.0 0
0.00 100. 1006. 7 ADJ-A1 NoSubs
16 1 6 6 1 -6.4 0.103 -9.000 -9.000 -999. 79. 15.2 0.0230 0.83 1.00 1.74 325.0 10.0 281.4 2.0 0
0.00 100. 1005. 3 ADJ-A1 NoSubs
16 1 6 6 2 -4.4 0.086 -9.000 -9.000 -999. 61. 12.9 0.0270 0.83 1.00 1.42 341.0 10.0 281.4 2.0 0

0.00 100. 1004. 7 ADJ-A1 NoSubs
16 1 6 6 3 -3.2 0.074 -9.000 -9.000 -999. 49. 11.6 0.0280 0.83 1.00 1.18 135.0 10.0 282.0 2.0 0
0.00 999. 1003. 10 ADJ-A1 NoSubs
16 1 6 6 4 -12.3 0.144 -9.000 -9.000 -999. 132. 22.9 0.0200 0.83 1.00 2.44 76.0 10.0 282.0 2.0 11
0.30 100. 1001. 10 ADJ-A1 NoSubs
16 1 6 6 5 -19.4 0.196 -9.000 -9.000 -999. 208. 42.3 0.0200 0.83 1.00 3.25 85.0 10.0 282.5 2.0 11
2.80 100. 1000. 10 ADJ-A1 NoSubs
16 1 6 6 6 -32.8 0.330 -9.000 -9.000 -999. 456. 120.0 0.0230 0.83 1.00 5.24 113.0 10.0 282.5 2.0 11
6.60 100. 1001. 10 ADJ-A1 NoSubs
16 1 6 6 7 -20.1 0.203 -9.000 -9.000 -999. 229. 45.5 0.0230 0.83 1.00 3.29 117.0 10.0 282.5 2.0 11
2.00 100. 1001. 10 ADJ-A1 NoSubs
16 1 6 6 8 -11.8 0.142 -9.000 -9.000 -999. 130. 22.2 0.0230 0.83 0.72 2.35 102.0 10.0 282.5 2.0 11
6.10 999. 1001. 10 ADJ-A1 NoSubs
16 1 6 6 9 -7.3 0.241 -9.000 -9.000 -999. 283. 171.5 0.0210 0.83 0.38 3.83 227.0 10.0 283.1 2.0 11
2.30 100. 1002. 10 ADJ-A1 NoSubs
16 1 6 6 10 8.4 0.122 0.307 0.005 122. 111. -19.3 0.0240 0.83 0.26 1.60 59.0 10.0 283.1 2.0 11
0.30 100. 1002. 10 ADJ-A1 NoSubs
16 1 6 6 11 16.9 0.254 0.496 0.005 257. 307. -86.4 0.0230 0.83 0.22 3.66 114.0 10.0 283.1 2.0 11
0.30 100. 1002. 10 ADJ-A1 NoSubs
16 1 6 6 12 21.6 0.246 0.603 0.005 362. 293. -61.5 0.0230 0.83 0.20 3.49 117.0 10.0 282.5 2.0 11
1.30 100. 1001. 10 ADJ-A1 NoSubs
16 1 6 6 13 22.7 0.225 0.702 0.005 543. 256. -44.7 0.0280 0.83 0.20 3.03 125.0 10.0 283.8 2.0 0
0.00 100. 1001. 10 ADJ-A1 NoSubs
16 1 6 6 14 19.3 0.195 0.727 0.005 709. 207. -34.4 0.0280 0.83 0.21 2.59 137.0 10.0 282.5 2.0 11
1.30 100. 1001. 10 ADJ-A1 NoSubs
16 1 6 6 15 56.1 0.255 1.076 0.005 793. 309. -26.4 0.0280 0.83 0.24 3.32 134.0 10.0 284.2 2.0 11
0.30 100. 1001. 7 ADJ-A1 NoSubs
16 1 6 6 16 24.0 0.269 0.822 0.005 827. 334. -72.2 0.0280 0.83 0.31 3.71 147.0 10.0 283.1 2.0 11
0.50 100. 1001. 7 ADJ-A1 NoSubs
16 1 6 6 17 -15.1 0.242 -9.000 -9.000 -999. 286. 83.6 0.0310 0.83 0.53 3.66 171.0 10.0 283.1 2.0 11
0.80 100. 1001. 7 ADJ-A1 NoSubs
16 1 6 6 18 -23.2 0.235 -9.000 -9.000 -999. 273. 60.6 0.0310 0.83 1.00 3.59 171.0 10.0 283.1 2.0 0
0.00 100. 1001. 10 ADJ-A1 NoSubs
16 1 6 6 19 -15.6 0.165 -9.000 -9.000 -999. 163. 30.1 0.0280 0.83 1.00 2.62 133.0 10.0 282.5 2.0 0
0.00 100. 1002. 10 ADJ-A1 NoSubs
16 1 6 6 20 -7.7 0.115 -9.000 -9.000 -999. 94. 17.5 0.0310 0.83 1.00 1.84 152.0 10.0 281.4 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
16 1 6 6 21 -9.5 0.126 -9.000 -9.000 -999. 107. 18.7 0.0200 0.83 1.00 2.15 87.0 10.0 281.4 2.0 11
1.30 89. 1002. 10 ADJ-A1 NoSubs
16 1 6 6 22 -11.1 0.137 -9.000 -9.000 -999. 122. 20.8 0.0230 0.83 1.00 2.28 113.0 10.0 281.4 2.0 11
1.50 96. 1003. 10 ADJ-A1 NoSubs
16 1 6 6 23 -7.6 0.112 -9.000 -9.000 -999. 90. 16.5 0.0200 0.83 1.00 1.93 75.0 10.0 281.4 2.0 0
0.00 100. 1003. 10 ADJ-A1 NoSubs
16 1 6 6 24 -16.6 0.168 -9.000 -9.000 -999. 165. 31.0 0.0200 0.83 1.00 2.81 74.0 10.0 281.4 2.0 11
3.30 100. 1003. 10 ADJ-A1 NoSubs
16 1 7 7 1 -9.9 0.129 -9.000 -9.000 -999. 112. 19.5 0.0240 0.83 1.00 2.14 49.0 10.0 280.9 2.0 11
1.50 999. 1003. 10 ADJ-A1 NoSubs
16 1 7 7 2 -12.0 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 23.0 10.0 280.9 2.0 11
1.80 100. 1004. 10 ADJ-SFC NoSubs
16 1 7 7 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 280.9 2.0 11
0.80 999. 1004. 10 ADJ-SFC NoSubs
16 1 7 7 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 280.9 2.0 11
0.30 100. 1004. 10 ADJ-SFC NoSubs
16 1 7 7 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 279.9 2.0 0

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0.00 100. 1006. 7 ADJ-SFC NoSubs
16 1 7 7 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 279.9 2.0 0
0.00 100. 1007. 10 ADJ-SFC NoSubs
16 1 7 7 8 -6.1 0.100 -9.000 -9.000 -999. 75. 14.5 0.0180 0.83 0.72 1.76 294.0 10.0 279.9 2.0 0
0.00 100. 1007. 7 ADJ-SFC NoSubs
16 1 7 7 9 0.9 -9.000 -9.000 -9.000 22. -999. -99999.0 0.0228 0.83 0.38 0.00 0.0 10.0 282.0 2.0 0
0.00 89. 1008. 0 ADJ-SFC NoSubs
16 1 7 7 10 43.6 -9.000 -9.000 -9.000 287. -999. -99999.0 0.0228 0.83 0.26 0.00 0.0 10.0 283.1 2.0 0
0.00 86. 1009. 7 ADJ-SFC NoSubs
16 1 7 7 11 85.3 0.164 1.053 0.005 493. 159. -4.6 0.0280 0.83 0.22 1.79 140.0 10.0 284.2 2.0 0
0.00 76. 1010. 3 ADJ-A1 NoSubs
16 1 7 7 12 22.4 0.138 0.694 0.005 535. 123. -10.5 0.0310 0.83 0.20 1.62 161.0 10.0 285.4 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
16 1 7 7 13 23.3 0.151 0.720 0.005 575. 141. -13.2 0.0170 0.83 0.20 2.04 188.0 10.0 285.4 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
16 1 7 7 14 20.3 0.230 0.701 0.005 608. 265. -54.0 0.0210 0.83 0.21 3.30 212.0 10.0 285.9 2.0 0
0.00 71. 1008. 10 ADJ-A1 NoSubs
16 1 7 7 15 66.9 0.260 1.093 0.005 702. 318. -23.6 0.0180 0.83 0.23 3.64 243.0 10.0 284.2 2.0 0
0.00 79. 1009. 5 ADJ-A1 NoSubs
16 1 7 7 16 2.7 0.182 0.375 0.005 706. 189. -203.5 0.0180 0.83 0.31 2.81 242.0 10.0 284.2 2.0 0
0.00 82. 1009. 10 ADJ-A1 NoSubs
16 1 7 7 17 -1.7 0.059 -9.000 -9.000 -999. 51. 10.7 0.0200 0.83 0.52 0.96 60.0 10.0 284.9 2.0 0
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16 1 7 7 18 -4.4 0.085 -9.000 -9.000 -999. 59. 12.7 0.0240 0.83 1.00 1.43 33.0 10.0 283.1 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
16 1 7 7 19 -7.9 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.83 1.00 1.93 313.0 10.0 281.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 1 7 7 20 -10.2 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.83 1.00 2.18 313.0 10.0 280.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 1 7 7 21 -8.0 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.83 1.00 1.93 316.0 10.0 279.9 2.0 0
0.00 88. 1011. 0 ADJ-A1 NoSubs
16 1 7 7 22 -10.0 0.129 -9.000 -9.000 -999. 111. 19.3 0.0230 0.83 1.00 2.15 316.0 10.0 278.8 2.0 0
0.00 91. 1011. 0 ADJ-A1 NoSubs
16 1 7 7 23 -8.9 0.122 -9.000 -9.000 -999. 102. 18.2 0.0230 0.83 1.00 2.04 304.0 10.0 278.8 2.0 0
0.00 91. 1011. 0 ADJ-A1 NoSubs
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0.00 92. 1012. 0 ADJ-A1 NoSubs
16 1 8 8 1 -15.0 0.159 -9.000 -9.000 -999. 152. 27.8 0.0230 0.83 1.00 2.61 318.0 10.0 277.5 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 1 8 8 2 -10.3 0.131 -9.000 -9.000 -999. 114. 19.6 0.0230 0.83 1.00 2.18 328.0 10.0 277.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 1 8 8 3 -4.1 0.082 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.38 317.0 10.0 277.0 2.0 0
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16 1 8 8 4 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.76 308.0 10.0 277.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 1 8 8 5 -11.2 0.137 -9.000 -9.000 -999. 121. 20.5 0.0230 0.83 1.00 2.27 302.0 10.0 277.0 2.0 0
0.00 95. 1012. 0 ADJ-A1 NoSubs
16 1 8 8 6 -2.8 0.070 -9.000 -9.000 -999. 46. 11.2 0.0270 0.83 1.00 1.08 347.0 10.0 277.5 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 1 8 8 7 -2.8 0.070 -9.000 -9.000 -999. 44. 10.9 0.0230 0.83 1.00 1.11 13.0 10.0 277.0 2.0 0
0.00 95. 1012. 0 ADJ-A1 NoSubs
16 1 8 8 8 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 0.72 1.06 333.0 10.0 277.5 2.0 0

0.00 96. 1013. 7 ADJ-A1 NoSubs
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0.00 88. 1013. 10 ADJ-A1 NoSubs
16 1 8 8 10 51.2 0.131 0.639 0.005 184. 114. -4.0 0.0280 0.83 0.26 1.40 132.0 10.0 280.9 2.0 0
0.00 92. 1014. 3 ADJ-A1 NoSubs
16 1 8 8 11 17.0 0.142 0.492 0.005 254. 129. -15.3 0.0230 0.83 0.22 1.84 100.0 10.0 282.5 2.0 0
0.00 83. 1014. 10 ADJ-A1 NoSubs
16 1 8 8 12 104.8 0.180 1.053 0.005 403. 184. -5.1 0.0230 0.83 0.20 2.08 102.0 10.0 283.8 2.0 0
0.00 79. 1014. 3 ADJ-A1 NoSubs
16 1 8 8 13 103.9 0.164 1.246 0.005 673. 159. -3.8 0.0230 0.83 0.20 1.82 102.0 10.0 285.4 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
16 1 8 8 14 92.1 0.145 1.264 0.005 793. 133. -3.0 0.0280 0.83 0.21 1.50 134.0 10.0 287.0 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
16 1 8 8 15 57.6 0.243 1.101 0.005 837. 287. -22.4 0.0170 0.83 0.23 3.42 200.0 10.0 285.4 2.0 0
0.00 71. 1013. 7 ADJ-A1 NoSubs
16 1 8 8 16 22.7 0.124 0.813 0.005 854. 113. -7.6 0.0180 0.83 0.31 1.57 272.0 10.0 284.9 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
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0.00 68. 1013. 10 ADJ-A1 NoSubs
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0.00 79. 1013. 10 ADJ-A1 NoSubs
16 1 8 8 19 -3.4 0.076 -9.000 -9.000 -999. 50. 11.7 0.0270 0.83 1.00 1.23 333.0 10.0 283.8 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
16 1 8 8 20 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.83 1.00 1.33 178.0 10.0 283.8 2.0 0
0.00 79. 1014. 7 ADJ-A1 NoSubs
16 1 8 8 21 -6.2 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.83 1.00 1.71 26.0 10.0 282.5 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
16 1 8 8 22 -4.3 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.83 1.00 1.43 321.0 10.0 282.0 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
16 1 8 8 23 -5.3 0.094 -9.000 -9.000 -999. 69. 14.0 0.0270 0.83 1.00 1.55 330.0 10.0 282.0 2.0 0
0.00 85. 1014. 7 ADJ-A1 NoSubs
16 1 8 8 24 -5.1 0.092 -9.000 -9.000 -999. 67. 13.8 0.0270 0.83 1.00 1.52 345.0 10.0 282.0 2.0 0
0.00 85. 1014. 10 ADJ-A1 NoSubs
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0.00 85. 1014. 10 ADJ-A1 NoSubs
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0.00 85. 1014. 10 ADJ-A1 NoSubs
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0.00 92. 1014. 10 ADJ-A1 NoSubs
16 1 9 9 4 -8.2 0.117 -9.000 -9.000 -999. 95. 17.4 0.0230 0.83 1.00 1.96 316.0 10.0 281.4 2.0 11
0.50 92. 1014. 10 ADJ-A1 NoSubs
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0.00 92. 1014. 10 ADJ-A1 NoSubs
16 1 9 9 6 -3.1 0.072 -9.000 -9.000 -999. 46. 10.9 0.0200 0.83 1.00 1.20 68.0 10.0 282.0 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
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0.00 92. 1014. 10 ADJ-A1 NoSubs
16 1 9 9 8 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 0.72 1.37 12.0 10.0 282.0 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
16 1 9 9 9 -4.4 0.144 -9.000 -9.000 -999. 131. 60.9 0.0230 0.83 0.37 2.30 26.0 10.0 282.5 2.0 11
0.30 89. 1015. 10 ADJ-A1 NoSubs
16 1 9 9 10 8.7 0.166 0.277 0.005 89. 162. -47.5 0.0230 0.83 0.26 2.32 24.0 10.0 283.1 2.0 0
0.00 89. 1015. 10 ADJ-A1 NoSubs
16 1 9 9 11 17.5 0.197 0.421 0.005 154. 210. -39.5 0.0240 0.83 0.22 2.71 32.0 10.0 284.2 2.0 0

0.00 79. 1015. 10 ADJ-A1 NoSubs
16 1 9 9 12 22.4 0.193 0.561 0.005 285. 203. -28.9 0.0230 0.83 0.20 2.62 27.0 10.0 284.2 2.0 0
0.00 79. 1015. 10 ADJ-A1 NoSubs
16 1 9 9 13 23.3 0.144 0.755 0.005 668. 132. -11.6 0.0270 0.83 0.20 1.76 348.0 10.0 284.2 2.0 0
0.00 82. 1015. 10 ADJ-A1 NoSubs
16 1 9 9 14 20.4 0.118 0.750 0.005 746. 97. -7.3 0.0230 0.83 0.21 1.42 23.0 10.0 284.9 2.0 0
0.00 82. 1014. 10 ADJ-A1 NoSubs
16 1 9 9 15 13.6 0.104 0.661 0.005 766. 80. -7.4 0.0230 0.83 0.23 1.25 4.0 10.0 285.4 2.0 0
0.00 80. 1014. 10 ADJ-A1 NoSubs
16 1 9 9 16 3.4 0.091 0.417 0.005 771. 66. -20.2 0.0230 0.83 0.30 1.21 6.0 10.0 285.4 2.0 0
0.00 80. 1014. 10 ADJ-A1 NoSubs
16 1 9 9 17 -4.7 0.102 -9.000 -9.000 -999. 79. 20.7 0.0240 0.83 0.51 1.69 40.0 10.0 284.9 2.0 0
0.00 79. 1014. 5 ADJ-A1 NoSubs
16 1 9 9 18 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.83 1.00 1.28 7.0 10.0 284.2 2.0 0
0.00 82. 1014. 7 ADJ-A1 NoSubs
16 1 9 9 19 -2.4 0.066 -9.000 -9.000 -999. 41. 10.9 0.0230 0.83 1.00 1.01 5.0 10.0 283.8 2.0 0
0.00 85. 1014. 5 ADJ-A1 NoSubs
16 1 9 9 20 -5.3 0.093 -9.000 -9.000 -999. 68. 13.5 0.0180 0.83 1.00 1.64 279.0 10.0 283.1 2.0 0
0.00 92. 1015. 7 ADJ-A1 NoSubs
16 1 9 9 21 -7.4 0.110 -9.000 -9.000 -999. 88. 16.4 0.0230 0.83 1.00 1.86 311.0 10.0 282.5 2.0 0
0.00 92. 1015. 5 ADJ-A1 NoSubs
16 1 9 9 22 -7.5 0.111 -9.000 -9.000 -999. 89. 16.6 0.0230 0.83 1.00 1.88 326.0 10.0 282.0 2.0 0
0.00 92. 1015. 7 ADJ-A1 NoSubs
16 1 9 9 23 -6.3 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.83 1.00 1.72 313.0 10.0 282.5 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
16 1 9 9 24 -6.7 0.106 -9.000 -9.000 -999. 82. 15.9 0.0270 0.83 1.00 1.74 339.0 10.0 282.0 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
16 1 10 10 1 -6.8 0.104 -9.000 -9.000 -999. 81. 15.3 0.0180 0.83 1.00 1.84 291.0 10.0 282.0 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
16 1 10 10 2 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 16.0 10.0 282.0 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
16 1 10 10 3 -3.7 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.83 1.00 1.31 322.0 10.0 282.0 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
16 1 10 10 4 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.83 1.00 1.55 305.0 10.0 281.4 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
16 1 10 10 5 -3.3 0.074 -9.000 -9.000 -999. 49. 11.3 0.0230 0.83 1.00 1.23 322.0 10.0 281.4 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
16 1 10 10 6 -3.0 0.072 -9.000 -9.000 -999. 46. 11.3 0.0270 0.83 1.00 1.13 352.0 10.0 282.0 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
16 1 10 10 7 -2.9 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.83 1.00 1.13 7.0 10.0 282.0 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
16 1 10 10 8 -2.8 0.070 -9.000 -9.000 -999. 45. 11.2 0.0270 0.83 0.72 1.09 332.0 10.0 282.0 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
16 1 10 10 9 9.3 0.117 0.311 0.005 117. 96. -15.7 0.0230 0.83 0.37 1.52 14.0 10.0 283.1 2.0 0
0.00 89. 1017. 7 ADJ-A1 NoSubs
16 1 10 10 10 47.7 0.159 0.706 0.005 268. 152. -7.6 0.0240 0.83 0.26 1.90 37.0 10.0 286.4 2.0 0
0.00 71. 1017. 0 ADJ-A1 NoSubs
16 1 10 10 11 82.5 0.202 1.011 0.005 455. 219. -9.1 0.0240 0.83 0.21 2.47 50.0 10.0 287.5 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
16 1 10 10 12 87.5 0.195 1.159 0.005 645. 207. -7.7 0.0240 0.83 0.20 2.34 37.0 10.0 287.5 2.0 0
0.00 66. 1016. 7 ADJ-A1 NoSubs
16 1 10 10 13 110.6 0.230 1.361 0.005 828. 265. -10.0 0.0230 0.83 0.20 2.86 105.0 10.0 287.0 2.0 0
0.00 68. 1016. 3 ADJ-SFC NoSubs
16 1 10 10 14 80.9 0.286 1.293 0.005 969. 367. -26.2 0.0230 0.83 0.21 3.86 106.0 10.0 287.0 2.0 0

0.00 71. 1016. 7 ADJ-SFC NoSubs
16 1 10 10 15 14.3 0.203 0.732 0.005 991. 222. -52.8 0.0230 0.83 0.23 2.86 96.0 10.0 287.0 2.0 0
0.00 71. 1016. 10 ADJ-SFC NoSubs
16 1 10 10 16 3.9 0.163 0.476 0.005 995. 158. -99.6 0.0230 0.83 0.30 2.36 98.0 10.0 286.4 2.0 0
0.00 69. 1016. 10 ADJ-SFC NoSubs
16 1 10 10 17 -13.6 0.172 -9.000 -9.000 -999. 172. 34.2 0.0200 0.83 0.51 2.86 78.0 10.0 285.4 2.0 0
0.00 76. 1017. 10 ADJ-SFC NoSubs
16 1 10 10 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 76. 1017. 10 ADJ-SFC NoSubs
16 1 10 10 19 -11.6 0.139 -9.000 -9.000 -999. 125. 21.3 0.0200 0.83 1.00 2.36 63.0 10.0 284.9 2.0 0
0.00 76. 1017. 10 ADJ-SFC NoSubs
16 1 10 10 20 -12.2 0.144 -9.000 -9.000 -999. 131. 22.7 0.0240 0.83 1.00 2.36 49.0 10.0 284.2 2.0 0
0.00 76. 1016. 7 ADJ-SFC NoSubs
16 1 10 10 21 -5.5 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.83 1.00 1.62 21.0 10.0 283.8 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
16 1 10 10 22 -5.8 0.097 -9.000 -9.000 -999. 72. 14.1 0.0180 0.83 1.00 1.71 276.0 10.0 283.8 2.0 0
0.00 79. 1018. 10 ADJ-A1 NoSubs
16 1 10 10 23 -8.0 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.83 1.00 1.93 304.0 10.0 283.1 2.0 0
0.00 82. 1018. 7 ADJ-A1 NoSubs
16 1 10 10 24 -3.8 0.080 -9.000 -9.000 -999. 54. 12.2 0.0270 0.83 1.00 1.31 344.0 10.0 283.1 2.0 0
0.00 82. 1019. 10 ADJ-A1 NoSubs
16 1 11 11 1 -3.6 0.078 -9.000 -9.000 -999. 52. 11.9 0.0270 0.83 1.00 1.26 353.0 10.0 283.1 2.0 0
0.00 82. 1019. 10 ADJ-A1 NoSubs
16 1 11 11 2 -7.1 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.83 1.00 1.82 323.0 10.0 283.1 2.0 0
0.00 86. 1020. 10 ADJ-A1 NoSubs
16 1 11 11 3 -5.2 0.092 -9.000 -9.000 -999. 67. 13.7 0.0230 0.83 1.00 1.57 13.0 10.0 283.1 2.0 0
0.00 86. 1020. 7 ADJ-A1 NoSubs
16 1 11 11 4 -4.4 0.085 -9.000 -9.000 -999. 59. 12.7 0.0240 0.83 1.00 1.43 37.0 10.0 282.5 2.0 0
0.00 86. 1020. 7 ADJ-A1 NoSubs
16 1 11 11 5 -2.5 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.83 1.00 1.04 27.0 10.0 282.5 2.0 0
0.00 86. 1019. 5 ADJ-A1 NoSubs
16 1 11 11 6 -5.1 0.092 -9.000 -9.000 -999. 67. 13.8 0.0270 0.83 1.00 1.52 353.0 10.0 282.5 2.0 0
0.00 86. 1020. 7 ADJ-A1 NoSubs
16 1 11 11 7 -2.8 0.070 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 1.00 1.08 349.0 10.0 282.5 2.0 0
0.00 86. 1020. 10 ADJ-A1 NoSubs
16 1 11 11 8 -1.9 0.062 -9.000 -9.000 -999. 37. 11.3 0.0240 0.83 0.72 0.86 36.0 10.0 283.1 2.0 0
0.00 82. 1020. 10 ADJ-A1 NoSubs
16 1 11 11 9 -2.0 0.081 -9.000 -9.000 -999. 55. 24.0 0.0240 0.83 0.37 1.32 41.0 10.0 283.8 2.0 0
0.00 79. 1021. 10 ADJ-A1 NoSubs
16 1 11 11 10 9.3 -9.000 -9.000 -9.000 86. -999. -99999.0 0.0228 0.83 0.26 0.00 0.0 10.0 284.9 2.0 0
0.00 79. 1021. 10 ADJ-SFC NoSubs
16 1 11 11 11 18.4 0.135 0.427 0.005 154. 119. -12.2 0.0200 0.83 0.21 1.76 67.0 10.0 286.4 2.0 0
0.00 71. 1021. 10 ADJ-SFC NoSubs
16 1 11 11 12 23.5 0.208 0.515 0.005 211. 227. -34.8 0.0230 0.83 0.20 2.86 90.0 10.0 287.0 2.0 0
0.00 68. 1020. 10 ADJ-SFC NoSubs
16 1 11 11 13 24.8 -9.000 -9.000 -9.000 268. -999. -99999.0 0.0228 0.83 0.20 0.00 0.0 10.0 288.1 2.0 0
0.00 61. 1020. 10 ADJ-SFC NoSubs
16 1 11 11 14 82.3 -9.000 -9.000 -9.000 472. -999. -99999.0 0.0228 0.83 0.21 0.00 0.0 10.0 289.2 2.0 0
0.00 59. 1019. 7 ADJ-SFC NoSubs
16 1 11 11 15 61.1 0.149 1.001 0.005 597. 138. -4.9 0.0200 0.83 0.23 1.76 87.0 10.0 289.9 2.0 0
0.00 57. 1019. 7 ADJ-SFC NoSubs
16 1 11 11 16 5.3 -9.000 -9.000 -9.000 606. -999. -99999.0 0.0228 0.83 0.30 0.00 0.0 10.0 289.9 2.0 0
0.00 57. 1019. 10 ADJ-SFC NoSubs
16 1 11 11 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.50 0.00 0.0 10.0 289.2 2.0

0 0.00 59. 1019. 10 ADJ-SFC NoSubs
16 1 11 11 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 71. 1020. 7 ADJ-SFC NoSubs
16 1 11 11 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 80. 1020. 7 ADJ-SFC NoSubs
16 1 11 11 20 -6.2 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.76 274.0 10.0 284.9 2.0 0
0.00 85. 1021. 10 ADJ-SFC NoSubs
16 1 11 11 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 89. 1021. 10 ADJ-SFC NoSubs
16 1 11 11 22 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 316.0 10.0 283.8 2.0 0
0.00 89. 1021. 5 ADJ-SFC NoSubs
16 1 11 11 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 85. 1021. 5 ADJ-SFC NoSubs
16 1 11 11 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 92. 1019. 0 ADJ-SFC NoSubs
16 1 12 12 1 -17.7 0.175 -9.000 -9.000 -999. 176. 33.8 0.0230 0.83 1.00 2.86 28.0 10.0 283.1 2.0 0
0.00 86. 1019. 0 ADJ-SFC NoSubs
16 1 12 12 2 -20.2 0.199 -9.000 -9.000 -999. 214. 43.8 0.0180 0.83 1.00 3.36 289.0 10.0 282.0 2.0 0
0.00 85. 1020. 0 ADJ-SFC NoSubs
16 1 12 12 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 281.4 2.0 0
0.00 89. 1020. 7 ADJ-SFC NoSubs
16 1 12 12 4 -6.7 0.105 -9.000 -9.000 -999. 81. 15.6 0.0240 0.83 1.00 1.76 36.0 10.0 282.0 2.0 0
0.00 85. 1020. 7 ADJ-SFC NoSubs
16 1 12 12 5 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 17.0 10.0 281.4 2.0 0
0.00 89. 1019. 0 ADJ-SFC NoSubs
16 1 12 12 6 -4.1 0.082 -9.000 -9.000 -999. 56. 12.2 0.0240 0.83 1.00 1.37 44.0 10.0 280.9 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
16 1 12 12 7 -5.2 0.092 -9.000 -9.000 -999. 67. 13.6 0.0240 0.83 1.00 1.55 50.0 10.0 280.4 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
16 1 12 12 8 -2.8 0.070 -9.000 -9.000 -999. 44. 11.0 0.0230 0.83 0.72 1.11 303.0 10.0 280.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 1 12 12 9 2.4 0.106 0.146 0.010 47. 82. -45.0 0.0180 0.83 0.37 1.54 252.0 10.0 283.8 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
16 1 12 12 10 48.7 0.127 0.647 0.009 202. 109. -3.9 0.0230 0.83 0.26 1.42 8.0 10.0 287.0 2.0 0
0.00 68. 1019. 0 ADJ-A1 NoSubs
16 1 12 12 11 83.7 0.159 0.905 0.008 321. 152. -4.4 0.0200 0.83 0.21 1.86 89.0 10.0 288.1 2.0 0
0.00 61. 1018. 0 ADJ-A1 NoSubs
16 1 12 12 12 108.8 0.194 1.089 0.007 430. 205. -6.1 0.0200 0.83 0.20 2.35 87.0 10.0 289.2 2.0 0
0.00 59. 1017. 3 ADJ-A1 NoSubs
16 1 12 12 13 108.0 0.198 1.154 0.005 516. 211. -6.5 0.0230 0.83 0.20 2.35 91.0 10.0 289.2 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
16 1 12 12 14 96.2 0.126 1.173 0.005 608. 109. -1.9 0.0210 0.83 0.20 1.30 228.0 10.0 289.9 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
16 1 12 12 15 69.0 0.191 1.091 0.005 682. 201. -9.2 0.0180 0.83 0.23 2.47 242.0 10.0 290.4 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
16 1 12 12 16 27.5 0.205 0.813 0.005 707. 223. -28.4 0.0210 0.83 0.30 2.83 220.0 10.0 288.8 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
16 1 12 12 17 -10.9 0.167 -9.000 -9.000 -999. 164. 38.7 0.0210 0.83 0.50 2.74 224.0 10.0 286.4 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
16 1 12 12 18 -3.1 0.072 -9.000 -9.000 -999. 52. 10.9 0.0180 0.83 1.00 1.24 242.0 10.0 285.9 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
16 1 12 12 19 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.76 312.0 10.0 284.9 2.0 0
0.00 82. 1015. 3 ADJ-SFC NoSubs
16 1 12 12 20 -8.2 0.117 -9.000 -9.000 -999. 96. 17.9 0.0270 0.83 1.00 1.92 338.0 10.0 284.9 2.0 0

0.00 82. 1015. 10 ADJ-A1 NoSubs
16 1 12 12 21 -6.3 0.102 -9.000 -9.000 -999. 79. 15.4 0.0270 0.83 1.00 1.69 333.0 10.0 284.9 2.0 0
0.00 82. 1015. 5 ADJ-A1 NoSubs
16 1 12 12 22 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0230 0.83 1.00 1.65 8.0 10.0 284.9 2.0 0
0.00 82. 1015. 3 ADJ-A1 NoSubs
16 1 12 12 23 -6.8 0.107 -9.000 -9.000 -999. 83. 16.0 0.0240 0.83 1.00 1.79 35.0 10.0 284.9 2.0 0
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0.00 86. 1017. 0 ADJ-A1 NoSubs
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0.00 88. 1017. 0 ADJ-A1 NoSubs
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16 1 14 14 9 2.2 0.086 0.127 0.007 34. 60. -26.2 0.0230 0.83 0.37 1.16 329.0 10.0 279.9 2.0 0
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0.00 79. 1016. 7 ADJ-A1 NoSubs
16 1 14 14 12 104.1 0.196 1.183 0.005 575. 209. -6.6 0.0310 0.83 0.20 2.19 156.0 10.0 285.4 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
16 1 14 14 13 109.5 0.173 1.321 0.005 763. 173. -4.3 0.0170 0.83 0.20 2.09 181.0 10.0 285.9 2.0 0
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16 1 14 14 14 21.8 0.223 0.785 0.005 802. 253. -46.1 0.0210 0.83 0.20 3.17 217.0 10.0 285.9 2.0 0
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16 1 14 14 15 15.0 0.182 0.700 0.006 827. 187. -36.5 0.0170 0.83 0.23 2.65 203.0 10.0 285.9 2.0 0
0.00 73. 1014. 10 ADJ-A1 NoSubs
16 1 14 14 16 4.6 0.159 0.472 0.006 833. 152. -79.3 0.0170 0.83 0.29 2.40 183.0 10.0 285.4 2.0 0
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16 1 14 14 19 -5.2 0.093 -9.000 -9.000 -999. 69. 13.8 0.0240 0.83 1.00 1.57 56.0 10.0 283.8 2.0 0
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16 1 14 14 20 -11.2 0.137 -9.000 -9.000 -999. 121. 20.6 0.0200 0.83 1.00 2.32 75.0 10.0 282.5 2.0 11
0.50 96. 1013. 10 ADJ-A1 NoSubs
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0.80 96. 1012. 10 ADJ-A1 NoSubs
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1.50 999. 1012. 10 ADJ-A1 NoSubs
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1.00 999. 1012. 10 ADJ-A1 NoSubs
16 1 15 15 1 -2.8 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.83 1.00 1.13 27.0 10.0 283.8 2.0 11
0.80 999. 1011. 10 ADJ-A1 NoSubs
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0.30 100. 1011. 10 ADJ-A1 NoSubs
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0.00 100. 1013. 10 ADJ-A1 NoSubs
16 1 15 15 9 11.0 0.099 0.353 0.005 144. 74. -7.9 0.0230 0.83 0.37 1.20 325.0 10.0 285.4 2.0 0
0.00 92. 1014. 7 ADJ-A1 NoSubs
16 1 15 15 10 46.9 0.113 0.736 0.005 307. 92. -2.8 0.0230 0.83 0.25 1.21 95.0 10.0 286.4 2.0 0
0.00 86. 1015. 7 ADJ-A1 NoSubs
16 1 15 15 11 85.5 0.183 1.037 0.005 471. 187. -6.4 0.0200 0.83 0.21 2.23 64.0 10.0 288.1 2.0 0
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16 1 15 15 12 110.9 0.165 1.238 0.005 619. 161. -3.6 0.0230 0.83 0.20 1.82 94.0 10.0 289.2 2.0 0
0.00 64. 1014. 3 ADJ-A1 NoSubs
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0.00 61. 1014. 0 ADJ-A1 NoSubs
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0.00 57. 1013. 0 ADJ-A1 NoSubs
16 1 15 15 15 71.9 0.145 1.375 0.005 1307. 133. -3.9 0.0230 0.83 0.23 1.62 93.0 10.0 290.4 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
16 1 15 15 16 31.0 0.185 1.048 0.005 1342. 191. -18.5 0.0200 0.83 0.29 2.50 71.0 10.0 290.4 2.0 0
0.00 47. 1012. 0 ADJ-A1 NoSubs
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16 1 16 16 1 -6.4 0.104 -9.000 -9.000 -999. 80. 15.6 0.0270 0.83 1.00 1.71 351.0 10.0 284.2 2.0 11
0.50 100. 1015. 10 ADJ-A1 NoSubs
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1.00 100. 1016. 10 ADJ-A1 NoSubs
16 1 16 16 3 -3.8 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.83 1.00 1.33 325.0 10.0 284.2 2.0 11
0.50 100. 1016. 10 ADJ-A1 NoSubs
16 1 16 16 4 -3.5 0.077 -9.000 -9.000 -999. 51. 11.4 0.0200 0.83 1.00 1.31 66.0 10.0 284.2 2.0 0
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0.30 100. 1016. 10 ADJ-A1 NoSubs
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1.00 100. 1016. 10 ADJ-A1 NoSubs
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0.30 100. 1017. 10 ADJ-A1 NoSubs
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16 1 16 16 10 10.0 0.109 0.356 0.006 162. 87. -11.8 0.0230 0.83 0.25 1.38 24.0 10.0 285.4 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
16 1 16 16 11 19.0 0.103 0.501 0.007 240. 80. -5.3 0.0230 0.83 0.21 1.20 22.0 10.0 285.9 2.0 0
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16 1 16 16 13 25.5 0.095 0.641 0.010 375. 70. -3.0 0.0180 0.83 0.20 1.08 298.0 10.0 287.0 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
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0.30 92. 1016. 10 ADJ-A1 NoSubs
16 1 16 16 15 15.8 0.140 0.582 0.012 452. 126. -15.8 0.0230 0.83 0.23 1.82 1.0 10.0 287.0 2.0 11
0.30 92. 1016. 10 ADJ-A1 NoSubs
16 1 16 16 16 5.6 0.120 0.414 0.012 462. 100. -28.3 0.0240 0.83 0.29 1.62 30.0 10.0 287.0 2.0 11
0.30 92. 1016. 10 ADJ-A1 NoSubs
16 1 16 16 17 -2.8 0.075 -9.000 -9.000 -999. 50. 13.7 0.0230 0.83 0.47 1.28 7.0 10.0 287.5 2.0 0
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16 1 16 16 18 -1.9 0.061 -9.000 -9.000 -999. 36. 11.0 0.0200 0.83 1.00 0.87 65.0 10.0 287.5 2.0 0
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16 1 16 16 21 -7.7 0.112 -9.000 -9.000 -999. 90. 16.5 0.0180 0.83 1.00 1.96 294.0 10.0 286.4 2.0 0
0.00 96. 1017. 7 ADJ-A1 NoSubs
16 1 16 16 22 -2.9 0.070 -9.000 -9.000 -999. 45. 11.1 0.0240 0.83 1.00 1.13 32.0 10.0 286.4 2.0 0
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0.00 96. 1015. 10 ADJ-SFC NoSubs
16 1 17 17 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 285.4 2.0 0
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0.00 100. 1015. 10 ADJ-SFC NoSubs
16 1 17 17 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 284.9 2.0 0
0.00 100. 1015. 10 ADJ-SFC NoSubs
16 1 17 17 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.70 0.00 0.0 10.0 284.9 2.0 0

0.00 100. 1016. 10 ADJ-SFC NoSubs
16 1 17 17 9 -1.8 0.107 -9.000 -9.000 -999. 84. 60.8 0.0200 0.83 0.36 1.76 74.0 10.0 285.4 2.0 0
0.00 96. 1016. 10 ADJ-SFC NoSubs
16 1 17 17 10 10.2 -9.000 -9.000 -9.000 116. -999. -99999.0 0.0228 0.83 0.25 0.00 0.0 10.0 285.4 2.0 0
0.00 96. 1017. 10 ADJ-SFC NoSubs
16 1 17 17 11 19.2 -9.000 -9.000 -9.000 182. -999. -99999.0 0.0228 0.83 0.21 0.00 0.0 10.0 285.9 2.0 0
0.00 100. 1017. 10 ADJ-SFC NoSubs
16 1 17 17 12 24.4 0.170 0.530 0.005 221. 169. -18.4 0.0200 0.83 0.20 2.30 61.0 10.0 286.4 2.0 0
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1.80 100. 1015. 10 ADJ-A1 NoSubs
16 1 17 17 21 -5.2 0.094 -9.000 -9.000 -999. 69. 14.4 0.0310 0.83 1.00 1.52 154.0 10.0 287.0 2.0 11
2.50 100. 1014. 10 ADJ-A1 NoSubs
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1.00 999. 1014. 10 ADJ-A1 NoSubs
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11 8.40 999. 1013. 10 ADJ-SFC NoSubs
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11 4.80 100. 1013. 10 ADJ-SFC NoSubs
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11 1.50 100. 1013. 10 ADJ-SFC NoSubs
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16 1 18 18 11 87.9 0.257 1.157 0.006 639. 313. -17.6 0.0230 0.83 0.21 3.37 94.0 10.0 288.8 2.0 0

0.00 79. 1016. 0 ADJ-A1 NoSubs
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0.00 77. 1016. 7 ADJ-A1 NoSubs
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16 1 18 18 23 -4.2 0.082 -9.000 -9.000 -999. 57. 12.0 0.0180 0.83 1.00 1.45 292.0 10.0 284.2 2.0 0
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16 1 19 19 1 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.83 1.00 1.62 22.0 10.0 284.9 2.0 0
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16 1 19 19 2 -4.0 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.83 1.00 1.38 13.0 10.0 284.9 2.0 0
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16 1 19 19 3 -3.7 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.83 1.00 1.31 6.0 10.0 284.9 2.0 11
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3.60 999. 1012. 10 ADJ-A1 NoSubs
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6.40 100. 1010. 10 ADJ-A1 NoSubs
16 1 19 19 10 10.8 0.239 0.308 0.005 97. 280. -113.8 0.0310 0.83 0.25 3.30 154.0 10.0 286.4 2.0 11
5.10 96. 1011. 10 ADJ-A1 NoSubs
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5.80 100. 1011. 10 ADJ-A1 NoSubs
16 1 19 19 12 25.4 0.538 0.538 0.005 221. 947. -553.9 0.0170 0.83 0.20 8.49 196.0 10.0 288.1 2.0 11
1.50 100. 1012. 10 ADJ-A1 NoSubs
16 1 19 19 13 26.7 0.493 0.631 0.005 339. 835. -405.3 0.0210 0.83 0.19 7.50 215.0 10.0 288.8 2.0 11
0.80 100. 1012. 10 ADJ-A1 NoSubs
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0.00 100. 1012. 10 ADJ-A1 NoSubs
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0.00 92. 1011. 10 ADJ-A1 NoSubs
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0.00 89. 1013. 3 ADJ-A1 NoSubs
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0.00 92. 1014. 7 ADJ-A1 NoSubs
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0.00 96. 1015. 7 ADJ-A1 NoSubs
16 1 19 19 20 -8.0 0.115 -9.000 -9.000 -999. 96. 17.4 0.0230 0.83 1.00 1.94 98.0 10.0 286.4 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
16 1 19 19 21 -6.2 0.102 -9.000 -9.000 -999. 78. 15.2 0.0240 0.83 1.00 1.71 48.0 10.0 286.4 2.0 0
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16 1 19 19 22 -3.5 0.078 -9.000 -9.000 -999. 52. 11.9 0.0270 0.83 1.00 1.26 357.0 10.0 286.4 2.0 0
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16 1 19 19 23 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 308.0 10.0 285.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 1 19 19 24 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.59 301.0 10.0 285.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 1 20 20 1 -2.0 0.063 -9.000 -9.000 -999. 38. 11.4 0.0270 0.83 1.00 0.87 337.0 10.0 283.8 2.0 0
0.00 96. 1017. 10 ADJ-A1 NoSubs
16 1 20 20 2 -3.1 0.073 -9.000 -9.000 -999. 47. 11.2 0.0230 0.83 1.00 1.20 320.0 10.0 283.8 2.0 0
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16 1 20 20 3 -5.8 0.097 -9.000 -9.000 -999. 73. 14.4 0.0230 0.83 1.00 1.65 317.0 10.0 284.2 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
16 1 20 20 4 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.83 1.00 1.48 314.0 10.0 284.2 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
16 1 20 20 5 -5.6 0.096 -9.000 -9.000 -999. 71. 14.3 0.0230 0.83 1.00 1.63 316.0 10.0 284.2 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
16 1 20 20 6 -3.4 0.076 -9.000 -9.000 -999. 50. 11.7 0.0270 0.83 1.00 1.23 340.0 10.0 284.2 2.0 0
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16 1 20 20 9 14.5 0.074 0.312 0.007 76. 48. -2.5 0.0240 0.83 0.36 0.77 50.0 10.0 285.9 2.0 0
0.00 92. 1019. 5 ADJ-A1 NoSubs
16 1 20 20 10 58.8 0.154 0.801 0.007 318. 146. -5.7 0.0200 0.83 0.25 1.86 73.0 10.0 287.0 2.0 0
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0.00 77. 1020. 0 ADJ-A1 NoSubs
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16 1 20 20 14 104.2 0.148 1.301 0.009 767. 137. -2.8 0.0310 0.83 0.20 1.48 152.0 10.0 290.4 2.0 0
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16 1 20 20 15 77.1 0.239 1.208 0.009 830. 281. -16.1 0.0170 0.83 0.22 3.29 207.0 10.0 289.9 2.0 0
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16 1 20 20 16 35.3 0.246 0.942 0.009 857. 293. -38.2 0.0210 0.83 0.28 3.46 236.0 10.0 287.5 2.0 0
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16 1 21 21 8 -3.2 0.073 -9.000 -9.000 -999. 47. 11.0 0.0180 0.83 0.68 1.26 282.0 10.0 283.1 2.0 0
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16 1 21 21 9 6.4 0.088 0.233 0.009 72. 63. -9.6 0.0230 0.83 0.36 1.09 3.0 10.0 284.2 2.0 0 0.00
86. 1015. 0 ADJ-A1 NoSubs
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0.00 74. 1016. 0 ADJ-A1 NoSubs
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0.00 61. 1016. 0 ADJ-A1 NoSubs
16 1 21 21 12 111.9 0.186 1.164 0.013 510. 192. -5.2 0.0280 0.83 0.20 2.06 130.0 10.0 290.9 2.0 0
0.00 55. 1015. 0 ADJ-A1 NoSubs
16 1 21 21 13 116.5 0.253 1.232 0.012 581. 306. -12.6 0.0310 0.83 0.19 3.03 158.0 10.0 290.4 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
16 1 21 21 14 105.3 0.244 1.211 0.011 611. 290. -12.5 0.0280 0.83 0.20 2.98 135.0 10.0 290.4 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
16 1 21 21 15 78.8 0.145 1.113 0.010 632. 137. -3.5 0.0280 0.83 0.22 1.53 127.0 10.0 291.4 2.0 0
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16 1 21 21 16 37.4 0.186 0.873 0.010 642. 192. -15.5 0.0310 0.83 0.28 2.27 166.0 10.0 290.4 2.0 0
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16 1 21 21 17 -4.3 0.109 -9.000 -9.000 -999. 88. 27.3 0.0200 0.83 0.45 1.82 62.0 10.0 290.4 2.0 0
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16 1 21 21 18 -5.9 0.099 -9.000 -9.000 -999. 75. 15.0 0.0270 0.83 1.00 1.64 334.0 10.0 288.1 2.0 0
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16 1 21 21 19 -8.4 0.117 -9.000 -9.000 -999. 97. 17.5 0.0180 0.83 1.00 2.05 299.0 10.0 287.0 2.0 0
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16 1 21 21 20 -14.8 0.158 -9.000 -9.000 -999. 150. 27.3 0.0180 0.83 1.00 2.69 297.0 10.0 287.0 2.0 0

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16 1 21 21 22 -10.4 0.132 -9.000 -9.000 -999. 117. 20.2 0.0230 0.83 1.00 2.20 309.0 10.0 286.4 2.0 0
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16 1 21 21 23 -17.7 0.179 -9.000 -9.000 -999. 181. 35.1 0.0230 0.83 1.00 2.91 311.0 10.0 286.4 2.0 0
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16 1 21 21 24 -8.8 0.121 -9.000 -9.000 -999. 102. 18.3 0.0230 0.83 1.00 2.03 322.0 10.0 285.9 2.0 0
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16 1 22 22 2 -9.6 0.128 -9.000 -9.000 -999. 110. 19.7 0.0270 0.83 1.00 2.08 355.0 10.0 285.9 2.0 0
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16 1 22 22 6 -11.9 0.142 -9.000 -9.000 -999. 128. 22.2 0.0230 0.83 1.00 2.35 311.0 10.0 284.9 2.0 11
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0.00 86. 1011. 10 ADJ-A1 NoSubs
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1.50 96. 1010. 10 ADJ-A1 NoSubs
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1.50 96. 1010. 10 ADJ-A1 NoSubs
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1.30 96. 1011. 10 ADJ-A1 NoSubs
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0.00 100. 1011. 10 ADJ-A1 NoSubs
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0.80 92. 1012. 10 ADJ-A1 NoSubs
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16 1 23 23 9 15.8 0.105 0.426 0.005 177. 81. -6.6 0.0180 0.83 0.35 1.31 280.0 10.0 284.9 2.0 11
0.30 89. 1014. 5 ADJ-A1 NoSubs
16 1 23 23 10 11.7 0.138 0.428 0.005 240. 123. -20.2 0.0180 0.83 0.24 1.91 254.0 10.0 287.0 2.0 0
0.00 77. 1014. 10 ADJ-A1 NoSubs
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0.00 74. 1014. 10 ADJ-A1 NoSubs
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0.00 71. 1014. 7 ADJ-A1 NoSubs
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1.00 73. 1013. 10 ADJ-A1 NoSubs
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2.50 86. 1013. 7 ADJ-A1 NoSubs
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0.00 80. 1013. 7 ADJ-A1 NoSubs
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16 1 23 23 22 -6.8 0.106 -9.000 -9.000 -999. 82. 15.7 0.0230 0.83 1.00 1.79 318.0 10.0 280.4 2.0 0
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16 1 23 23 24 -11.0 0.135 -9.000 -9.000 -999. 120. 20.4 0.0230 0.83 1.00 2.25 311.0 10.0 279.9 2.0 0
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16 1 24 24 1 -10.5 0.132 -9.000 -9.000 -999. 115. 19.9 0.0230 0.83 1.00 2.20 311.0 10.0 279.9 2.0 0
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0.00 96. 1016. 0 ADJ-A1 NoSubs
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0.00 92. 1016. 0 ADJ-A1 NoSubs
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0.00 96. 1018. 0 ADJ-A1 NoSubs
16 1 24 24 9 7.7 0.100 0.200 0.005 38. 76. -11.7 0.0230 0.83 0.35 1.26 305.0 10.0 282.0 2.0 0
0.00 89. 1019. 0 ADJ-A1 NoSubs
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0.00 89. 1019. 0 ADJ-A1 NoSubs
16 1 24 24 11 92.0 0.163 1.167 0.005 628. 158. -4.3 0.0310 0.83 0.21 1.72 156.0 10.0 285.4 2.0 0
0.00 76. 1018. 0 ADJ-A1 NoSubs
16 1 24 24 12 113.2 0.182 1.390 0.005 863. 186. -4.8 0.0280 0.83 0.19 1.99 141.0 10.0 285.9 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
16 1 24 24 13 118.3 0.149 1.472 0.006 979. 138. -2.5 0.0170 0.83 0.19 1.67 181.0 10.0 285.9 2.0 0
0.00 66. 1016. 0 ADJ-A1 NoSubs
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0.00 66. 1016. 5 ADJ-A1 NoSubs
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0.00 69. 1016. 5 ADJ-A1 NoSubs
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0.00 71. 1017. 0 ADJ-A1 NoSubs
16 1 24 24 18 -4.7 0.087 -9.000 -9.000 -999. 63. 12.9 0.0200 0.83 1.00 1.52 62.0 10.0 284.9 2.0 0
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16 1 24 24 19 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.59 13.0 10.0 283.1 2.0 0
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16 1 24 24 21 -6.5 0.103 -9.000 -9.000 -999. 79. 15.2 0.0230 0.83 1.00 1.74 306.0 10.0 280.4 2.0 0
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16 1 25 25 1 -9.0 0.122 -9.000 -9.000 -999. 102. 18.2 0.0230 0.83 1.00 2.04 308.0 10.0 280.4 2.0 0
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16 1 25 25 2 -10.3 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.83 1.00 2.18 313.0 10.0 279.9 2.0 0
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16 1 25 25 3 -9.1 0.122 -9.000 -9.000 -999. 103. 18.3 0.0230 0.83 1.00 2.05 312.0 10.0 279.2 2.0 0
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16 1 25 25 4 -4.8 0.088 -9.000 -9.000 -999. 63. 13.0 0.0230 0.83 1.00 1.50 308.0 10.0 279.2 2.0 0
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0.00 92. 1019. 10 ADJ-A1 NoSubs
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16 1 25 25 11 93.2 0.158 1.090 0.005 505. 150. -3.8 0.0310 0.83 0.21 1.64 179.0 10.0 286.4 2.0 0
0.00 71. 1019. 0 ADJ-A1 NoSubs
16 1 25 25 12 114.9 0.155 1.225 0.005 582. 147. -3.0 0.0230 0.83 0.19 1.67 109.0 10.0 288.1 2.0 0
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16 1 25 25 13 120.3 0.159 1.305 0.005 671. 152. -3.0 0.0280 0.83 0.19 1.64 145.0 10.0 288.8 2.0 0
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16 1 25 25 14 109.4 0.190 1.412 0.005 934. 199. -5.7 0.0170 0.83 0.20 2.37 188.0 10.0 289.2 2.0 0
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16 1 25 25 15 82.7 0.225 1.321 0.005 1012. 256. -12.5 0.0210 0.83 0.22 2.91 219.0 10.0 289.2 2.0 0
0.00 64. 1017. 0 ADJ-A1 NoSubs
16 1 25 25 16 41.0 0.265 1.055 0.005 1040. 327. -41.1 0.0210 0.83 0.27 3.74 239.0 10.0 287.0 2.0 0
0.00 77. 1017. 0 ADJ-A1 NoSubs
16 1 25 25 17 1.8 0.223 0.373 0.005 1040. 253. -556.3 0.0180 0.83 0.42 3.49 246.0 10.0 286.4 2.0 0
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16 1 25 25 19 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0270 0.83 1.00 1.45 343.0 10.0 284.9 2.0 0
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16 1 25 25 21 -9.5 0.126 -9.000 -9.000 -999. 107. 19.0 0.0230 0.83 1.00 2.10 301.0 10.0 283.1 2.0 0
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16 1 25 25 22 -9.1 0.122 -9.000 -9.000 -999. 103. 18.4 0.0230 0.83 1.00 2.05 309.0 10.0 282.0 2.0 0
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16 1 26 26 1 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 1.00 1.20 333.0 10.0 282.0 2.0 0
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16 1 26 26 3 -14.5 0.156 -9.000 -9.000 -999. 148. 26.9 0.0230 0.83 1.00 2.57 5.0 10.0 283.1 2.0 0
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16 1 26 26 6 -4.4 0.085 -9.000 -9.000 -999. 60. 12.7 0.0270 0.83 1.00 1.40 340.0 10.0 279.2 2.0 0
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0.00 92. 1021. 0 ADJ-A1 NoSubs
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0.00 89. 1021. 0 ADJ-A1 NoSubs
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0.00 68. 1022. 0 ADJ-A1 NoSubs
16 1 26 26 11 95.0 0.220 1.087 0.010 493. 248. -10.2 0.0230 0.83 0.21 2.74 13.0 10.0 288.8 2.0 0
0.00 61. 1022. 0 ADJ-A1 NoSubs
16 1 26 26 12 117.0 -9.000 -9.000 -9.000 688. -999. -99999.0 0.0228 0.83 0.19 999.00 999.0 -9.0 290.9 2.0
0 0.00 55. 1021. 0 NAD NoSubs
16 1 26 26 13 122.2 0.210 1.404 0.010 825. 232. -6.9 0.0200 0.83 0.19 2.59 85.0 10.0 290.9 2.0 0
0.00 55. 1020. 0 ADJ-A1 NoSubs
16 1 26 26 14 111.3 0.208 1.386 0.009 871. 227. -7.3 0.0200 0.83 0.20 2.57 78.0 10.0 290.9 2.0 0
0.00 53. 1019. 0 ADJ-A1 NoSubs
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0.00 71. 1018. 0 ADJ-A1 NoSubs
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0.00 80. 1019. 7 ADJ-A1 NoSubs
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0.00 82. 1017. 0 ADJ-A1 NoSubs
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0.00 96. 1017. 10 ADJ-A1 NoSubs
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1.00 100. 1011. 10 ADJ-A1 NoSubs
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16 1 30 30 5 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0270 0.83 1.00 1.76 338.0 10.0 286.4 2.0 0
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16 1 30 30 11 84.6 0.194 1.234 0.005 803. 204. -7.7 0.0280 0.83 0.20 2.25 141.0 10.0 286.4 2.0 0
0.00 71. 1013. 7 ADJ-A1 NoSubs
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0.00 63. 1012. 10 ADJ-A1 NoSubs
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0.00 66. 1011. 10 ADJ-A1 NoSubs
16 1 30 30 15 19.7 0.191 0.779 0.006 863. 201. -31.9 0.0170 0.83 0.21 2.76 186.0 10.0 286.4 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
16 1 30 30 16 9.5 0.128 0.611 0.006 868. 111. -19.9 0.0170 0.83 0.26 1.79 182.0 10.0 286.4 2.0 0
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16 1 30 30 17 -1.4 0.061 -9.000 -9.000 -999. 38. 14.5 0.0170 0.83 0.40 1.09 189.0 10.0 285.9 2.0 0
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0.50 92. 1009. 10 ADJ-A1 NoSubs
16 1 31 31 2 -3.9 0.080 -9.000 -9.000 -999. 54. 11.7 0.0180 0.83 1.00 1.40 285.0 10.0 282.0 2.0 11
0.50 95. 1009. 10 ADJ-A1 NoSubs
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0.80 92. 1007. 10 ADJ-A1 NoSubs
16 1 31 31 4 -3.0 0.071 -9.000 -9.000 -999. 46. 10.8 0.0180 0.83 1.00 1.21 289.0 10.0 281.4 2.0 11
1.30 92. 1007. 10 ADJ-A1 NoSubs
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1.50 92. 1006. 10 ADJ-A1 NoSubs
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1.00 96. 1006. 10 ADJ-A1 NoSubs
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0.00 56. 1003. 3 ADJ-A1 NoSubs
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0.00 63. 1002. 5 ADJ-A1 NoSubs
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0.00 58. 1008. 0 ADJ-A1 NoSubs
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0.00 37. 1016. 0 ADJ-A1 NoSubs
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0.00 34. 1016. 0 ADJ-A1 NoSubs
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0.00 30. 1017. 0 ADJ-A1 NoSubs
16 2 1 32 12 122.2 0.361 1.406 0.005 826. 521. -35.0 0.0230 0.83 0.19 4.97 321.0 10.0 285.9 2.0 0
0.00 29. 1016. 0 ADJ-A1 NoSubs
16 2 1 32 13 128.1 0.298 1.469 0.005 898. 393. -18.8 0.0230 0.83 0.19 3.93 314.0 10.0 287.0 2.0 0
0.00 31. 1016. 0 ADJ-A1 NoSubs
16 2 1 32 14 117.4 0.257 1.458 0.005 959. 313. -13.0 0.0230 0.83 0.19 3.27 304.0 10.0 287.0 2.0 0
0.00 31. 1016. 0 ADJ-A1 NoSubs
16 2 1 32 15 90.9 0.267 1.362 0.005 1009. 331. -19.0 0.0180 0.83 0.21 3.68 274.0 10.0 287.0 2.0 0
0.00 32. 1017. 0 ADJ-A1 NoSubs
16 2 1 32 16 49.8 0.257 1.136 0.005 1069. 312. -30.8 0.0180 0.83 0.25 3.66 277.0 10.0 287.0 2.0 0
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16 2 1 32 19 -15.0 0.158 -9.000 -9.000 -999. 150. 27.3 0.0180 0.83 1.00 2.69 242.0 10.0 282.0 2.0 0
0.00 49. 1018. 0 ADJ-A1 NoSubs
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0.00 64. 1019. 0 ADJ-A1 NoSubs
16 2 1 32 21 -17.3 0.171 -9.000 -9.000 -999. 169. 32.0 0.0230 0.83 1.00 2.79 329.0 10.0 277.5 2.0 0
0.00 76. 1019. 0 ADJ-A1 NoSubs
16 2 1 32 22 -10.2 0.129 -9.000 -9.000 -999. 112. 19.4 0.0230 0.83 1.00 2.16 302.0 10.0 277.5 2.0 0
0.00 69. 1020. 0 ADJ-A1 NoSubs
16 2 1 32 23 -12.0 0.141 -9.000 -9.000 -999. 126. 21.7 0.0230 0.83 1.00 2.33 311.0 10.0 276.4 2.0 0
0.00 75. 1020. 0 ADJ-A1 NoSubs
16 2 1 32 24 -17.4 0.171 -9.000 -9.000 -999. 169. 32.0 0.0230 0.83 1.00 2.79 307.0 10.0 276.4 2.0 0
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0.30 85. 1019. 10 ADJ-A1 NoSubs
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0.00 92. 1019. 10 ADJ-SFC NoSubs
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0.00 89. 1019. 10 ADJ-SFC NoSubs
16 2 2 33 13 29.1 -9.000 -9.000 -9.000 474. -999. -99999.0 0.0228 0.83 0.19 0.00 0.0 10.0 283.1 2.0 0
0.00 82. 1018. 10 ADJ-SFC NoSubs
16 2 2 33 14 99.6 0.197 1.264 0.005 737. 209. -6.9 0.0228 0.83 0.19 2.36 999.0 10.0 284.2 2.0 0
0.00 82. 1018. 7 ADJ-SFC NoSubs
16 2 2 33 15 91.6 0.151 1.314 0.009 899. 141. -3.4 0.0170 0.83 0.21 1.76 182.0 10.0 284.9 2.0 0
0.00 76. 1018. 0 ADJ-SFC NoSubs
16 2 2 33 16 55.8 0.188 1.141 0.009 968. 196. -10.8 0.0228 0.83 0.25 2.36 999.0 10.0 285.9 2.0 0
0.00 68. 1018. 5 ADJ-SFC NoSubs
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0.00 79. 1018. 0 ADJ-SFC NoSubs
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0.00 86. 1019. 0 ADJ-SFC NoSubs
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0.00 89. 1019. 3 ADJ-SFC NoSubs
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0.00 92. 1020. 0 ADJ-A1 NoSubs
16 2 2 33 21 -10.1 0.129 -9.000 -9.000 -999. 111. 19.3 0.0230 0.83 1.00 2.15 315.0 10.0 279.2 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
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0.00 54. 1023. 0 ADJ-A1 NoSubs
16 2 3 34 13 130.4 0.153 1.377 0.007 730. 144. -2.5 0.0230 0.83 0.19 1.60 103.0 10.0 286.4 2.0 0
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0.00 73. 1025. 0 ADJ-A1 NoSubs
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0.00 66. 1025. 0 ADJ-A1 NoSubs
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16 2 4 35 13 133.3 0.301 1.473 0.005 875. 397. -18.7 0.0240 0.83 0.19 3.93 42.0 10.0 290.9 2.0 0
0.00 44. 1023. 0 ADJ-A1 NoSubs
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16 2 4 35 16 54.6 0.292 1.158 0.005 1036. 379. -41.5 0.0240 0.83 0.25 4.03 52.0 10.0 289.9 2.0 0
0.00 51. 1022. 0 ADJ-A1 NoSubs
16 2 4 35 17 3.2 0.237 0.449 0.005 1036. 278. -381.7 0.0240 0.83 0.37 3.52 54.0 10.0 288.8 2.0 0
0.00 56. 1022. 0 ADJ-A1 NoSubs
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0.00 61. 1022. 0 ADJ-A1 NoSubs
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0.00 66. 1022. 0 ADJ-A1 NoSubs
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0.00 73. 1022. 0 ADJ-A1 NoSubs
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0.00 79. 1023. 0 ADJ-A1 NoSubs
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0.00 65. 1023. 0 ADJ-A1 NoSubs
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0.00 85. 1023. 0 ADJ-A1 NoSubs
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0.00 82. 1024. 0 ADJ-SFC NoSubs
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0.00 68. 1024. 0 ADJ-SFC NoSubs
16 2 5 36 11 106.1 -9.000 -9.000 -9.000 446. -999. -99999.0 0.0228 0.83 0.20 0.00 0.0 10.0 288.1 2.0 0

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0.00 39. 1022. 0 ADJ-SFC NoSubs
16 2 5 36 14 125.0 0.232 1.355 0.009 726. 269. -9.1 0.0230 0.83 0.19 2.86 106.0 10.0 293.1 2.0 0
0.00 38. 1022. 0 ADJ-SFC NoSubs
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0.00 46. 1022. 0 ADJ-SFC NoSubs
16 2 5 36 16 57.0 0.158 1.084 0.008 814. 151. -6.3 0.0310 0.83 0.25 1.76 155.0 10.0 292.5 2.0 0
0.00 44. 1021. 0 ADJ-SFC NoSubs
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0.00 59. 1021. 0 ADJ-SFC NoSubs
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0.00 76. 1025. 0 ADJ-SFC NoSubs
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16 2 6 37 1 -6.6 0.103 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.75 320.0 10.0 281.4 2.0 0
0.00 82. 1023. 0 ADJ-A1 NoSubs
16 2 6 37 2 -6.7 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.83 1.00 1.77 314.0 10.0 280.9 2.0 0
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0.00 85. 1022. 0 ADJ-A1 NoSubs
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0.00 82. 1023. 0 ADJ-A1 NoSubs
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16 2 6 37 9 19.4 0.108 0.360 0.015 87. 85. -6.0 0.0200 0.83 0.31 1.31 85.0 10.0 283.1 2.0 0
0.00 76. 1024. 0 ADJ-A1 NoSubs
16 2 6 37 10 69.7 0.185 0.685 0.013 168. 191. -8.3 0.0230 0.83 0.23 2.25 90.0 10.0 286.4 2.0 0
0.00 69. 1024. 0 ADJ-A1 NoSubs
16 2 6 37 11 107.7 0.178 1.049 0.015 391. 180. -4.8 0.0200 0.83 0.20 2.10 84.0 10.0 289.2 2.0 0
0.00 59. 1023. 0 ADJ-A1 NoSubs
16 2 6 37 12 130.6 0.237 1.192 0.014 473. 276. -9.3 0.0200 0.83 0.19 3.00 75.0 10.0 292.0 2.0 0
0.00 49. 1022. 0 ADJ-A1 NoSubs
16 2 6 37 13 137.1 0.292 1.249 0.012 519. 378. -16.5 0.0200 0.83 0.19 3.90 71.0 10.0 293.8 2.0 0
0.00 38. 1021. 0 ADJ-A1 NoSubs
16 2 6 37 14 126.6 0.249 1.248 0.010 559. 299. -11.1 0.0230 0.83 0.19 3.13 110.0 10.0 293.8 2.0 0

0.00 46. 1020. 0 ADJ-A1 NoSubs
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0.00 50. 1020. 0 ADJ-A1 NoSubs
16 2 6 37 16 58.6 0.190 1.014 0.009 647. 199. -10.7 0.0170 0.83 0.24 2.52 190.0 10.0 293.1 2.0 0
0.00 49. 1020. 0 ADJ-A1 NoSubs
16 2 6 37 17 6.7 0.107 0.493 0.009 649. 86. -16.5 0.0170 0.83 0.36 1.47 202.0 10.0 292.0 2.0 0
0.00 58. 1020. 0 ADJ-A1 NoSubs
16 2 6 37 18 -5.0 0.090 -9.000 -9.000 -999. 64. 13.1 0.0170 0.83 0.74 1.60 200.0 10.0 288.8 2.0 0
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16 2 6 37 19 -4.1 0.081 -9.000 -9.000 -999. 55. 12.0 0.0180 0.83 1.00 1.43 261.0 10.0 287.5 2.0 0
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16 2 6 37 22 -4.3 0.083 -9.000 -9.000 -999. 58. 12.2 0.0180 0.83 1.00 1.47 285.0 10.0 285.4 2.0 0
0.00 71. 1020. 0 ADJ-A1 NoSubs
16 2 6 37 23 -9.8 0.128 -9.000 -9.000 -999. 109. 19.3 0.0230 0.83 1.00 2.13 324.0 10.0 283.1 2.0 0
0.00 70. 1020. 0 ADJ-A1 NoSubs
16 2 6 37 24 -9.8 0.128 -9.000 -9.000 -999. 109. 19.3 0.0230 0.83 1.00 2.13 312.0 10.0 283.1 2.0 0
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16 2 7 38 2 -5.2 0.093 -9.000 -9.000 -999. 68. 14.0 0.0270 0.83 1.00 1.54 339.0 10.0 282.5 2.0 0
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16 2 7 38 3 -8.2 0.117 -9.000 -9.000 -999. 96. 17.5 0.0230 0.83 1.00 1.96 26.0 10.0 283.1 2.0 0
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16 2 7 38 9 21.0 0.106 0.318 0.015 55. 82. -5.1 0.0270 0.83 0.31 1.18 347.0 10.0 285.4 2.0 0
0.00 66. 1019. 0 ADJ-A1 NoSubs
16 2 7 38 10 71.4 0.113 0.659 0.013 145. 91. -1.8 0.0230 0.83 0.23 1.13 110.0 10.0 288.1 2.0 0
0.00 59. 1018. 0 ADJ-A1 NoSubs
16 2 7 38 11 110.1 0.182 1.039 0.011 370. 187. -5.0 0.0230 0.83 0.20 2.10 100.0 10.0 292.0 2.0 0
0.00 49. 1018. 0 ADJ-A1 NoSubs
16 2 7 38 12 132.9 0.260 1.206 0.010 479. 318. -12.0 0.0230 0.83 0.19 3.29 90.0 10.0 294.2 2.0 0
0.00 43. 1017. 0 ADJ-A1 NoSubs
16 2 7 38 13 139.2 0.301 1.267 0.008 530. 396. -17.8 0.0200 0.83 0.18 4.05 63.0 10.0 295.4 2.0 0
0.00 40. 1016. 0 ADJ-A1 NoSubs
16 2 7 38 14 128.7 0.335 1.275 0.007 584. 466. -26.6 0.0200 0.83 0.19 4.65 66.0 10.0 295.4 2.0 0
0.00 42. 1015. 0 ADJ-A1 NoSubs
16 2 7 38 15 102.5 0.358 1.217 0.007 636. 514. -40.5 0.0200 0.83 0.20 5.09 86.0 10.0 295.9 2.0 0
0.00 40. 1015. 0 ADJ-A1 NoSubs
16 2 7 38 16 60.9 0.407 1.040 0.007 669. 623. -100.2 0.0200 0.83 0.24 6.04 87.0 10.0 295.4 2.0 0
0.00 42. 1015. 0 ADJ-A1 NoSubs
16 2 7 38 17 9.6 0.285 0.566 0.007 682. 375. -219.4 0.0240 0.83 0.36 4.20 43.0 10.0 295.9 2.0 0

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16 2 7 38 20 -2.4 0.066 -9.000 -9.000 -999. 41. 11.2 0.0270 0.83 1.00 0.99 352.0 10.0 287.5 2.0 0
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16 2 7 38 22 -7.4 0.111 -9.000 -9.000 -999. 89. 16.7 0.0240 0.83 1.00 1.86 34.0 10.0 286.4 2.0 0
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16 2 7 38 23 -6.7 0.106 -9.000 -9.000 -999. 82. 16.0 0.0270 0.83 1.00 1.74 330.0 10.0 284.9 2.0 0
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16 2 7 38 24 -7.7 0.113 -9.000 -9.000 -999. 92. 17.2 0.0270 0.83 1.00 1.86 337.0 10.0 284.2 2.0 0
0.00 74. 1017. 0 ADJ-A1 NoSubs
16 2 8 39 1 -8.3 0.118 -9.000 -9.000 -999. 97. 17.9 0.0270 0.83 1.00 1.93 343.0 10.0 283.1 2.0 0
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16 2 8 39 2 -4.2 0.083 -9.000 -9.000 -999. 58. 12.6 0.0270 0.83 1.00 1.37 335.0 10.0 283.8 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
16 2 8 39 3 -3.6 0.078 -9.000 -9.000 -999. 52. 11.7 0.0230 0.83 1.00 1.30 323.0 10.0 283.1 2.0 0
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16 2 8 39 4 -3.8 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.83 1.00 1.33 329.0 10.0 282.5 2.0 0
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16 2 8 39 5 -5.5 0.095 -9.000 -9.000 -999. 70. 14.1 0.0240 0.83 1.00 1.60 41.0 10.0 283.1 2.0 0
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0.00 67. 1016. 0 ADJ-A1 NoSubs
16 2 8 39 7 -3.8 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.83 1.00 1.33 7.0 10.0 283.8 2.0 0
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0.00 65. 1017. 0 ADJ-A1 NoSubs
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0.00 59. 1017. 0 ADJ-A1 NoSubs
16 2 8 39 10 73.9 0.195 0.711 0.012 177. 207. -9.1 0.0200 0.83 0.22 2.47 60.0 10.0 291.4 2.0 0
0.00 51. 1018. 0 ADJ-A1 NoSubs
16 2 8 39 11 112.3 0.274 1.010 0.010 332. 343. -16.5 0.0200 0.83 0.20 3.66 74.0 10.0 294.2 2.0 0
0.00 45. 1017. 0 ADJ-A1 NoSubs
16 2 8 39 12 135.3 0.293 1.152 0.008 410. 381. -16.9 0.0200 0.83 0.19 3.93 79.0 10.0 296.4 2.0 0
0.00 40. 1016. 0 ADJ-A1 NoSubs
16 2 8 39 13 142.0 0.288 1.229 0.005 474. 372. -15.3 0.0200 0.83 0.18 3.83 74.0 10.0 298.1 2.0 0
0.00 35. 1016. 0 ADJ-A1 NoSubs
16 2 8 39 14 132.1 0.261 1.262 0.005 551. 321. -12.2 0.0200 0.83 0.19 3.40 80.0 10.0 299.2 2.0 0
0.00 33. 1015. 0 ADJ-A1 NoSubs
16 2 8 39 15 105.6 0.246 1.267 0.009 698. 293. -12.8 0.0200 0.83 0.20 3.22 76.0 10.0 299.2 2.0 0
0.00 35. 1015. 0 ADJ-A1 NoSubs
16 2 8 39 16 64.0 0.285 1.140 0.010 838. 364. -32.6 0.0230 0.83 0.24 3.90 96.0 10.0 298.8 2.0 0
0.00 39. 1015. 0 ADJ-A1 NoSubs
16 2 8 39 17 11.3 0.247 0.643 0.010 851. 296. -121.2 0.0230 0.83 0.36 3.61 92.0 10.0 297.0 2.0 0
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16 2 8 39 19 -5.8 0.098 -9.000 -9.000 -999. 76. 14.8 0.0230 0.83 1.00 1.67 15.0 10.0 290.9 2.0 0
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16 2 8 39 20 -4.7 0.088 -9.000 -9.000 -999. 63. 13.2 0.0230 0.83 1.00 1.50 322.0 10.0 289.9 2.0 0

0.00 55. 1016. 0 ADJ-A1 NoSubs
16 2 8 39 21 -5.5 0.096 -9.000 -9.000 -999. 71. 14.6 0.0270 0.83 1.00 1.59 358.0 10.0 289.2 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
16 2 8 39 22 -4.3 0.084 -9.000 -9.000 -999. 59. 12.6 0.0230 0.83 1.00 1.43 302.0 10.0 287.0 2.0 0
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16 2 8 39 23 -6.2 0.101 -9.000 -9.000 -999. 77. 15.2 0.0230 0.83 1.00 1.72 301.0 10.0 287.0 2.0 0
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16 2 8 39 24 -3.3 0.074 -9.000 -9.000 -999. 48. 11.1 0.0180 0.83 1.00 1.28 270.0 10.0 286.4 2.0 0
0.00 66. 1016. 0 ADJ-A1 NoSubs
16 2 9 40 1 -7.2 0.110 -9.000 -9.000 -999. 88. 16.7 0.0270 0.83 1.00 1.81 337.0 10.0 284.9 2.0 0
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16 2 9 40 2 -6.3 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.83 1.00 1.72 312.0 10.0 283.8 2.0 0
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16 2 9 40 3 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0270 0.83 1.00 1.45 333.0 10.0 283.1 2.0 0
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16 2 9 40 4 -4.0 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.83 1.00 1.38 305.0 10.0 283.8 2.0 0
0.00 68. 1016. 0 ADJ-A1 NoSubs
16 2 9 40 5 -4.8 0.088 -9.000 -9.000 -999. 62. 12.7 0.0180 0.83 1.00 1.55 291.0 10.0 280.9 2.0 0
0.00 78. 1016. 0 ADJ-A1 NoSubs
16 2 9 40 6 -3.2 0.074 -9.000 -9.000 -999. 48. 11.5 0.0270 0.83 1.00 1.18 355.0 10.0 281.4 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
16 2 9 40 7 -2.2 0.063 -9.000 -9.000 -999. 38. 10.6 0.0180 0.83 1.00 0.97 241.0 10.0 282.5 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
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0.00 71. 1017. 0 ADJ-A1 NoSubs
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0.00 57. 1017. 0 ADJ-A1 NoSubs
16 2 9 40 10 75.0 0.094 0.683 0.017 154. 70. -1.0 0.0230 0.83 0.22 0.86 106.0 10.0 290.9 2.0 0
0.00 51. 1017. 0 ADJ-A1 NoSubs
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0.00 43. 1017. 0 ADJ-A1 NoSubs
16 2 9 40 12 136.6 0.201 1.089 0.009 343. 216. -5.4 0.0200 0.83 0.19 2.40 84.0 10.0 296.4 2.0 0
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16 2 9 40 13 143.7 0.208 1.192 0.006 427. 227. -5.6 0.0200 0.83 0.18 2.50 86.0 10.0 298.8 2.0 0
0.00 35. 1015. 0 ADJ-A1 NoSubs
16 2 9 40 14 134.1 0.279 1.222 0.005 493. 353. -14.6 0.0230 0.83 0.19 3.59 90.0 10.0 300.4 2.0 0
0.00 26. 1014. 0 ADJ-A1 NoSubs
16 2 9 40 15 107.3 0.195 1.226 0.005 622. 209. -6.2 0.0280 0.83 0.20 2.21 141.0 10.0 299.9 2.0 0
0.00 30. 1014. 0 ADJ-A1 NoSubs
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0.00 42. 1014. 0 ADJ-A1 NoSubs
16 2 9 40 17 11.6 0.261 0.623 0.005 750. 320. -137.9 0.0180 0.83 0.35 3.98 255.0 10.0 295.4 2.0 0
0.00 37. 1014. 0 ADJ-A1 NoSubs
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0.00 61. 1015. 0 ADJ-A1 NoSubs
16 2 9 40 19 -8.2 0.117 -9.000 -9.000 -999. 97. 17.8 0.0230 0.83 1.00 1.97 113.0 10.0 287.5 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
16 2 9 40 20 -4.5 0.086 -9.000 -9.000 -999. 61. 12.9 0.0240 0.83 1.00 1.45 32.0 10.0 287.0 2.0 0
0.00 77. 1016. 0 ADJ-A1 NoSubs
16 2 9 40 21 -8.2 0.117 -9.000 -9.000 -999. 96. 17.6 0.0230 0.83 1.00 1.96 309.0 10.0 287.0 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
16 2 9 40 22 -7.6 0.113 -9.000 -9.000 -999. 92. 17.3 0.0270 0.83 1.00 1.86 331.0 10.0 286.4 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
16 2 9 40 23 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0230 0.83 1.00 1.81 312.0 10.0 285.4 2.0 0

0.00 74. 1016. 0 ADJ-A1 NoSubs
16 2 9 40 24 -13.3 0.149 -9.000 -9.000 -999. 138. 24.4 0.0180 0.83 1.00 2.55 293.0 10.0 285.9 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
16 2 10 41 1 -17.7 0.177 -9.000 -9.000 -999. 178. 34.3 0.0230 0.83 1.00 2.88 311.0 10.0 284.2 2.0 0
0.00 68. 1017. 0 ADJ-A1 NoSubs
16 2 10 41 2 -14.2 0.155 -9.000 -9.000 -999. 147. 26.5 0.0230 0.83 1.00 2.55 312.0 10.0 284.2 2.0 0
0.00 65. 1017. 0 ADJ-A1 NoSubs
16 2 10 41 3 -9.8 0.127 -9.000 -9.000 -999. 108. 18.8 0.0180 0.83 1.00 2.20 296.0 10.0 283.8 2.0 0
0.00 68. 1017. 0 ADJ-A1 NoSubs
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0.00 76. 1016. 0 ADJ-A1 NoSubs
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0.00 74. 1017. 0 ADJ-A1 NoSubs
16 2 10 41 6 -5.0 0.091 -9.000 -9.000 -999. 65. 13.4 0.0230 0.83 1.00 1.54 306.0 10.0 281.4 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
16 2 10 41 7 -5.1 0.092 -9.000 -9.000 -999. 67. 13.7 0.0270 0.83 1.00 1.52 346.0 10.0 281.4 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
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0.00 76. 1018. 0 ADJ-A1 NoSubs
16 2 10 41 9 24.7 0.140 0.336 0.016 56. 126. -10.2 0.0270 0.83 0.30 1.69 355.0 10.0 285.9 2.0 0
0.00 71. 1019. 0 ADJ-A1 NoSubs
16 2 10 41 10 75.3 0.195 0.794 0.015 242. 207. -9.0 0.0200 0.83 0.22 2.47 84.0 10.0 288.1 2.0 0
0.00 66. 1019. 0 ADJ-A1 NoSubs
16 2 10 41 11 113.8 0.214 1.013 0.013 332. 238. -7.9 0.0200 0.83 0.19 2.67 71.0 10.0 291.4 2.0 0
0.00 53. 1018. 0 ADJ-A1 NoSubs
16 2 10 41 12 136.4 0.150 1.142 0.011 396. 140. -2.2 0.0310 0.83 0.19 1.44 159.0 10.0 293.1 2.0 0
0.00 52. 1018. 0 ADJ-A1 NoSubs
16 2 10 41 13 143.0 0.200 1.215 0.009 455. 214. -5.1 0.0210 0.83 0.18 2.35 235.0 10.0 294.9 2.0 0
0.00 43. 1017. 0 ADJ-A1 NoSubs
16 2 10 41 14 133.1 0.191 1.235 0.007 513. 201. -4.8 0.0310 0.83 0.19 2.05 166.0 10.0 295.9 2.0 0
0.00 40. 1016. 0 ADJ-A1 NoSubs
16 2 10 41 15 107.2 0.170 1.227 0.006 625. 169. -4.2 0.0310 0.83 0.20 1.79 179.0 10.0 297.0 2.0 0
0.00 37. 1015. 0 ADJ-A1 NoSubs
16 2 10 41 16 63.9 0.165 1.059 0.005 673. 161. -6.3 0.0210 0.83 0.24 1.99 216.0 10.0 293.1 2.0 0
0.00 49. 1015. 0 ADJ-A1 NoSubs
16 2 10 41 17 11.1 0.139 0.593 0.005 678. 125. -21.9 0.0180 0.83 0.35 1.94 256.0 10.0 291.4 2.0 0
0.00 55. 1015. 0 ADJ-A1 NoSubs
16 2 10 41 18 -2.1 0.063 -9.000 -9.000 -999. 40. 10.9 0.0230 0.83 0.70 0.94 2.0 10.0 290.9 2.0 0
0.00 57. 1015. 0 ADJ-A1 NoSubs
16 2 10 41 19 -1.8 0.060 -9.000 -9.000 -999. 35. 10.8 0.0170 0.83 1.00 0.87 203.0 10.0 288.8 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
16 2 10 41 20 -3.2 0.074 -9.000 -9.000 -999. 49. 11.4 0.0230 0.83 1.00 1.23 318.0 10.0 287.5 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
16 2 10 41 21 -6.7 0.106 -9.000 -9.000 -999. 83. 15.9 0.0230 0.83 1.00 1.79 315.0 10.0 287.5 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
16 2 10 41 22 -10.0 0.130 -9.000 -9.000 -999. 112. 19.8 0.0230 0.83 1.00 2.16 310.0 10.0 287.0 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
16 2 10 41 23 -5.2 0.094 -9.000 -9.000 -999. 69. 14.2 0.0270 0.83 1.00 1.55 330.0 10.0 287.0 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
16 2 10 41 24 -7.2 0.110 -9.000 -9.000 -999. 88. 16.7 0.0270 0.83 1.00 1.81 334.0 10.0 284.9 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
16 2 11 42 1 -12.7 0.147 -9.000 -9.000 -999. 135. 23.7 0.0230 0.83 1.00 2.42 303.0 10.0 284.9 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 2 -4.5 0.087 -9.000 -9.000 -999. 62. 13.0 0.0270 0.83 1.00 1.43 345.0 10.0 283.8 2.0 0

0.00 76. 1015. 0 ADJ-A1 NoSubs
16 2 11 42 3 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.83 1.00 1.74 320.0 10.0 283.8 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 4 -6.1 0.100 -9.000 -9.000 -999. 76. 14.9 0.0230 0.83 1.00 1.70 26.0 10.0 283.8 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 5 -5.0 0.091 -9.000 -9.000 -999. 65. 13.4 0.0230 0.83 1.00 1.54 322.0 10.0 283.1 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 6 -5.2 0.092 -9.000 -9.000 -999. 67. 13.7 0.0230 0.83 1.00 1.57 325.0 10.0 282.5 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 7 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.83 1.00 1.48 337.0 10.0 282.0 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 8 -2.6 0.069 -9.000 -9.000 -999. 43. 11.3 0.0180 0.83 0.55 1.20 281.0 10.0 282.5 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
16 2 11 42 9 25.9 0.109 0.366 0.016 68. 87. -4.6 0.0230 0.83 0.30 1.25 13.0 10.0 285.9 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
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0.00 64. 1015. 0 ADJ-A1 NoSubs
16 2 11 42 11 115.6 0.148 1.016 0.013 329. 137. -2.6 0.0200 0.83 0.19 1.61 68.0 10.0 292.5 2.0 0
0.00 54. 1015. 0 ADJ-A1 NoSubs
16 2 11 42 12 138.6 0.186 1.150 0.011 397. 193. -4.2 0.0180 0.83 0.18 2.21 243.0 10.0 294.9 2.0 0
0.00 48. 1015. 0 ADJ-A1 NoSubs
16 2 11 42 13 144.4 0.234 1.258 0.010 499. 271. -8.0 0.0180 0.83 0.18 2.98 247.0 10.0 294.9 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 14 134.7 0.135 1.301 0.009 591. 123. -1.6 0.0210 0.83 0.19 1.35 222.0 10.0 296.4 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
16 2 11 42 15 107.2 0.205 1.245 0.008 651. 222. -7.2 0.0170 0.83 0.20 2.61 208.0 10.0 294.2 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 16 65.0 0.200 1.077 0.007 694. 215. -11.2 0.0180 0.83 0.24 2.64 260.0 10.0 292.5 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 17 11.9 0.161 0.612 0.007 698. 156. -32.0 0.0170 0.83 0.34 2.33 198.0 10.0 290.4 2.0 0
0.00 72. 1014. 0 ADJ-A1 NoSubs
16 2 11 42 18 -9.0 0.125 -9.000 -9.000 -999. 106. 19.6 0.0310 0.83 0.69 1.99 178.0 10.0 287.5 2.0 0
0.00 83. 1015. 0 ADJ-A1 NoSubs
16 2 11 42 19 -15.6 0.165 -9.000 -9.000 -999. 161. 30.0 0.0310 0.83 1.00 2.57 151.0 10.0 285.4 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
16 2 11 42 20 -10.3 0.133 -9.000 -9.000 -999. 116. 20.6 0.0310 0.83 1.00 2.10 167.0 10.0 285.4 2.0 0
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16 2 11 42 21 -2.9 0.070 -9.000 -9.000 -999. 45. 10.6 0.0170 0.83 1.00 1.20 181.0 10.0 284.9 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 2 11 42 22 -3.6 0.077 -9.000 -9.000 -999. 52. 11.6 0.0200 0.83 1.00 1.33 70.0 10.0 284.9 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 2 11 42 23 -1.8 0.061 -9.000 -9.000 -999. 36. 11.8 0.0270 0.83 1.00 0.79 344.0 10.0 284.9 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 2 11 42 24 -2.3 0.065 -9.000 -9.000 -999. 39. 10.5 0.0180 0.83 1.00 1.03 267.0 10.0 284.2 2.0 0
0.00 96. 1017. 10 ADJ-A1 NoSubs
16 2 12 43 1 -1.4 0.057 -9.000 -9.000 -999. 33. 12.1 0.0180 0.83 1.00 0.69 289.0 10.0 284.2 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
16 2 12 43 2 -3.2 0.073 -9.000 -9.000 -999. 47. 11.2 0.0230 0.83 1.00 1.20 320.0 10.0 283.1 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
16 2 12 43 3 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0270 0.83 1.00 1.45 333.0 10.0 282.5 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
16 2 12 43 4 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0230 0.83 1.00 1.42 326.0 10.0 281.4 2.0 0
0.00 96. 1016. 5 ADJ-A1 NoSubs
16 2 12 43 5 -8.4 0.118 -9.000 -9.000 -999. 97. 17.6 0.0230 0.83 1.00 1.98 315.0 10.0 280.9 2.0 0

0.00 95. 1016. 0 ADJ-A1 NoSubs
16 2 12 43 6 -4.6 0.086 -9.000 -9.000 -999. 61. 12.5 0.0180 0.83 1.00 1.52 283.0 10.0 281.4 2.0 0
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16 2 12 43 7 -6.8 0.104 -9.000 -9.000 -999. 81. 15.2 0.0180 0.83 1.00 1.84 269.0 10.0 281.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 2 12 43 8 -1.8 0.060 -9.000 -9.000 -999. 36. 10.7 0.0200 0.83 0.54 0.97 84.0 10.0 282.5 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 2 12 43 9 26.6 0.083 0.464 0.019 135. 57. -1.9 0.0180 0.83 0.30 0.89 273.0 10.0 284.2 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
16 2 12 43 10 77.4 0.120 0.775 0.016 218. 100. -2.0 0.0310 0.83 0.22 1.14 150.0 10.0 286.4 2.0 0
0.00 80. 1017. 0 ADJ-A1 NoSubs
16 2 12 43 11 115.7 0.127 0.985 0.013 300. 109. -1.6 0.0310 0.83 0.19 1.16 155.0 10.0 289.2 2.0 0
0.00 71. 1017. 0 ADJ-A1 NoSubs
16 2 12 43 12 138.7 0.161 1.158 0.010 406. 156. -2.7 0.0280 0.83 0.18 1.64 149.0 10.0 292.0 2.0 0
0.00 60. 1017. 0 ADJ-A1 NoSubs
16 2 12 43 13 145.1 0.177 1.252 0.008 491. 178. -3.5 0.0310 0.83 0.18 1.81 167.0 10.0 293.1 2.0 0
0.00 54. 1016. 0 ADJ-A1 NoSubs
16 2 12 43 14 134.8 0.236 1.253 0.007 529. 275. -8.8 0.0310 0.83 0.19 2.72 173.0 10.0 293.8 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
16 2 12 43 15 108.6 0.199 1.195 0.005 569. 214. -6.6 0.0170 0.83 0.20 2.52 181.0 10.0 294.2 2.0 0
0.00 54. 1015. 0 ADJ-A1 NoSubs
16 2 12 43 16 65.8 0.214 1.027 0.005 596. 238. -13.5 0.0170 0.83 0.23 2.90 187.0 10.0 290.9 2.0 0
0.00 59. 1015. 0 ADJ-A1 NoSubs
16 2 12 43 17 13.3 0.114 0.605 0.005 602. 97. -10.0 0.0310 0.83 0.34 1.33 169.0 10.0 290.9 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
16 2 12 43 18 -2.5 0.067 -9.000 -9.000 -999. 42. 10.7 0.0200 0.83 0.68 1.09 89.0 10.0 289.9 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
16 2 12 43 19 -3.5 0.077 -9.000 -9.000 -999. 51. 11.5 0.0210 0.83 1.00 1.30 237.0 10.0 287.5 2.0 0
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16 2 12 43 20 -6.6 0.104 -9.000 -9.000 -999. 81. 15.5 0.0210 0.83 1.00 1.79 210.0 10.0 285.4 2.0 0
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16 2 12 43 21 -6.0 0.098 -9.000 -9.000 -999. 74. 14.4 0.0180 0.83 1.00 1.74 241.0 10.0 284.9 2.0 0
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16 2 12 43 22 -3.4 0.075 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.25 311.0 10.0 284.9 2.0 0
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16 2 12 43 23 -4.2 0.083 -9.000 -9.000 -999. 57. 12.3 0.0230 0.83 1.00 1.40 315.0 10.0 283.1 2.0 0
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16 2 12 43 24 -11.3 0.137 -9.000 -9.000 -999. 122. 20.9 0.0230 0.83 1.00 2.28 310.0 10.0 283.8 2.0 0
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16 2 13 44 1 -5.4 0.094 -9.000 -9.000 -999. 69. 14.0 0.0230 0.83 1.00 1.60 302.0 10.0 283.8 2.0 0
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16 2 13 44 2 -7.4 0.110 -9.000 -9.000 -999. 88. 16.5 0.0230 0.83 1.00 1.86 321.0 10.0 283.1 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
16 2 13 44 3 -6.3 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.83 1.00 1.72 314.0 10.0 283.1 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
16 2 13 44 4 -8.5 0.119 -9.000 -9.000 -999. 98. 17.8 0.0230 0.83 1.00 1.99 318.0 10.0 282.0 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 2 13 44 5 -7.8 0.113 -9.000 -9.000 -999. 92. 16.9 0.0230 0.83 1.00 1.91 300.0 10.0 282.0 2.0 0
0.00 95. 1017. 0 ADJ-A1 NoSubs
16 2 13 44 6 -3.3 0.074 -9.000 -9.000 -999. 49. 11.0 0.0180 0.83 1.00 1.28 269.0 10.0 282.0 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
16 2 13 44 7 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 1.00 1.20 355.0 10.0 282.0 2.0 0
0.00 95. 1018. 10 ADJ-A1 NoSubs
16 2 13 44 8 -4.6 0.091 -9.000 -9.000 -999. 65. 14.6 0.0230 0.83 0.53 1.54 306.0 10.0 282.5 2.0 0

0.00 100. 1019. 10 ADJ-A1 NoSubs
16 2 13 44 9 4.1 0.088 0.221 0.009 96. 63. -15.3 0.0270 0.83 0.29 1.11 332.0 10.0 283.8 2.0 0
0.00 100. 1019. 10 ADJ-A1 NoSubs
16 2 13 44 10 17.0 0.117 0.461 0.012 209. 97. -8.7 0.0200 0.83 0.22 1.48 62.0 10.0 285.1 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
16 2 13 44 11 117.3 0.145 1.017 0.017 326. 132. -2.3 0.0180 0.83 0.19 1.59 273.0 10.0 288.8 2.0 0
0.00 83. 1019. 5 ADJ-A1 NoSubs
16 2 13 44 12 139.9 0.175 1.258 0.016 517. 176. -3.5 0.0280 0.83 0.18 1.84 127.0 10.0 291.4 2.0 0
0.00 69. 1018. 0 ADJ-A1 NoSubs
16 2 13 44 13 146.2 0.181 1.366 0.018 633. 184. -3.7 0.0280 0.83 0.18 1.91 120.0 10.0 292.5 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
16 2 13 44 14 135.5 0.247 1.368 0.018 685. 294. -10.0 0.0170 0.83 0.19 3.25 202.0 10.0 292.0 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
16 2 13 44 15 109.0 0.259 1.287 0.017 709. 316. -14.4 0.0170 0.83 0.20 3.52 199.0 10.0 292.0 2.0 0
0.00 60. 1016. 0 ADJ-A1 NoSubs
16 2 13 44 16 67.1 0.254 1.097 0.016 714. 307. -22.1 0.0310 0.83 0.23 3.20 167.0 10.0 290.9 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
16 2 13 44 17 14.5 0.169 0.659 0.016 715. 169. -30.2 0.0310 0.83 0.34 2.18 158.0 10.0 290.9 2.0 0
0.00 64. 1017. 0 ADJ-A1 NoSubs
16 2 13 44 18 -4.4 0.086 -9.000 -9.000 -999. 64. 13.4 0.0280 0.83 0.67 1.42 127.0 10.0 289.9 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
16 2 13 44 19 -4.4 0.085 -9.000 -9.000 -999. 60. 12.8 0.0230 0.83 1.00 1.45 321.0 10.0 287.5 2.0 0
0.00 77. 1018. 0 ADJ-A1 NoSubs
16 2 13 44 20 -5.2 0.092 -9.000 -9.000 -999. 66. 13.4 0.0180 0.83 1.00 1.62 242.0 10.0 285.9 2.0 0
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0.00 56. 1017. 0 ADJ-A1 NoSubs
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0.00 52. 1016. 0 ADJ-A1 NoSubs
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0.00 67. 1015. 0 ADJ-A1 NoSubs
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0.00 92. 1016. 0 ADJ-A1 NoSubs
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16 2 15 46 9 31.8 0.095 0.401 0.011 73. 70. -2.4 0.0230 0.83 0.29 0.99 303.0 10.0 288.8 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
16 2 15 46 10 83.2 0.100 0.768 0.006 197. 76. -1.1 0.0230 0.83 0.22 0.92 104.0 10.0 291.4 2.0 0
0.00 62. 1016. 0 ADJ-A1 NoSubs
16 2 15 46 11 121.7 0.168 1.001 0.005 299. 165. -3.5 0.0280 0.83 0.19 1.76 123.0 10.0 293.8 2.0 0
0.00 53. 1015. 0 ADJ-A1 NoSubs
16 2 15 46 12 144.7 0.180 1.473 0.009 799. 184. -3.7 0.0310 0.83 0.18 1.86 168.0 10.0 295.9 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
16 2 15 46 13 150.8 0.182 1.556 0.010 904. 186. -3.6 0.0310 0.83 0.18 1.87 163.0 10.0 296.4 2.0 0
0.00 47. 1013. 0 ADJ-A1 NoSubs
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0.00 45. 1012. 0 ADJ-A1 NoSubs
16 2 15 46 15 114.4 0.181 1.465 0.012 992. 185. -4.7 0.0170 0.83 0.20 2.20 199.0 10.0 297.5 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
16 2 15 46 16 72.6 0.222 1.269 0.011 1015. 251. -13.6 0.0170 0.83 0.23 3.01 204.0 10.0 297.0 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
16 2 15 46 17 18.8 0.157 0.810 0.011 1019. 151. -18.7 0.0210 0.83 0.33 2.11 239.0 10.0 295.4 2.0 0
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0.00 66. 1012. 0 ADJ-A1 NoSubs
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0.00 73. 1009. 0 ADJ-A1 NoSubs
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0.00 66. 1009. 0 ADJ-A1 NoSubs
16 2 16 47 10 85.4 0.245 0.748 0.006 176. 290. -15.4 0.0200 0.83 0.21 3.25 86.0 10.0 293.1 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
16 2 16 47 11 123.8 0.288 1.004 0.006 294. 370. -17.2 0.0230 0.83 0.19 3.76 91.0 10.0 295.4 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
16 2 16 47 12 147.0 0.235 1.355 0.008 608. 275. -8.0 0.0230 0.83 0.18 2.86 100.0 10.0 297.5 2.0 0
0.00 41. 1007. 0 ADJ-A1 NoSubs
16 2 16 47 13 153.8 0.265 1.444 0.007 703. 327. -10.9 0.0230 0.83 0.18 3.32 104.0 10.0 299.2 2.0 0
0.00 35. 1006. 0 ADJ-A1 NoSubs
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0.00 66. 1001. 7 ADJ-A1 NoSubs
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16 2 17 48 11 123.0 0.443 1.349 0.009 712. 708. -63.2 0.0210 0.83 0.19 6.40 234.0 10.0 289.9 2.0 0
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16 2 17 48 13 150.8 0.586 1.566 0.007 908. 1075. -118.8 0.0170 0.83 0.18 8.98 209.0 10.0 289.9 2.0 0
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16 2 17 48 14 140.5 0.675 1.574 0.005 989. 1327. -194.5 0.0170 0.83 0.18 10.48 193.0 10.0 290.4 2.0
0 0.00 64. 998. 0 ADJ-A1 NoSubs
16 2 17 48 15 113.8 0.415 1.496 0.007 1049. 714. -56.0 0.0170 0.83 0.19 6.18 194.0 10.0 289.9 2.0 0
0.00 72. 997. 0 ADJ-A1 NoSubs
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0.00 71. 996. 0 ADJ-A1 NoSubs
16 2 17 48 17 3.3 0.558 0.464 0.007 1081. 999. -4702.7 0.0170 0.83 0.32 8.88 191.0 10.0 289.9 2.0 0
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1.30 92. 997. 10 ADJ-A1 NoSubs
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1.30 89. 1004. 10 ADJ-A1 NoSubs
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0.50 100. 1005. 10 ADJ-A1 NoSubs
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16 2 18 49 8 -4.3 0.105 -9.000 -9.000 -999. 81. 23.8 0.0230 0.83 0.49 1.72 13.0 10.0 283.1 2.0 0
0.00 92. 1008. 7 ADJ-A1 NoSubs
16 2 18 49 9 5.9 0.107 0.487 0.005 704. 84. -18.7 0.0230 0.83 0.28 1.41 23.0 10.0 284.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 2 18 49 10 75.1 0.247 1.227 0.005 887. 294. -18.0 0.0310 0.83 0.21 3.05 150.0 10.0 287.5 2.0 0
0.00 74. 1010. 7 ADJ-A1 NoSubs
16 2 18 49 11 127.7 0.435 1.551 0.005 1056. 688. -58.0 0.0170 0.83 0.19 6.48 184.0 10.0 288.1 2.0 0
0.00 68. 1011. 2 ADJ-A1 NoSubs
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0.00 71. 1012. 3 ADJ-A1 NoSubs
16 2 18 49 13 155.9 0.418 1.878 0.005 1535. 649. -42.3 0.0310 0.83 0.18 5.51 175.0 10.0 288.1 2.0 0
0.00 68. 1012. 3 ADJ-A1 NoSubs
16 2 18 49 14 139.8 0.320 1.881 0.005 1722. 440. -21.1 0.0170 0.83 0.18 4.49 197.0 10.0 288.1 2.0 0
0.00 66. 1012. 5 ADJ-A1 NoSubs
16 2 18 49 15 114.6 0.289 1.781 0.005 1782. 374. -19.1 0.0210 0.83 0.19 3.88 213.0 10.0 288.1 2.0 0
0.00 63. 1012. 0 ADJ-A1 NoSubs
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0.00 61. 1012. 0 ADJ-A1 NoSubs
16 2 18 49 17 19.0 0.272 0.987 0.005 1827. 341. -95.7 0.0210 0.83 0.32 4.00 229.0 10.0 286.4 2.0 0
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0.00 95. 1012. 0 ADJ-A1 NoSubs
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0.00 92. 1013. 0 ADJ-A1 NoSubs
16 2 19 50 6 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0270 0.83 1.00 1.26 350.0 10.0 279.2 2.0 0
0.00 96. 1014. 3 ADJ-A1 NoSubs
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0.00 92. 1014. 10 ADJ-A1 NoSubs
16 2 19 50 8 -3.5 0.095 -9.000 -9.000 -999. 70. 22.1 0.0230 0.83 0.48 1.57 28.0 10.0 280.9 2.0 0
0.00 92. 1015. 7 ADJ-A1 NoSubs
16 2 19 50 9 35.6 0.097 0.564 0.005 182. 73. -2.3 0.0230 0.83 0.28 1.01 306.0 10.0 283.1 2.0 0
0.00 92. 1016. 7 ADJ-A1 NoSubs
16 2 19 50 10 87.1 0.168 0.931 0.005 336. 166. -5.0 0.0230 0.83 0.21 1.94 105.0 10.0 285.9 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
16 2 19 50 11 125.3 0.207 1.567 0.005 1114. 226. -6.4 0.0310 0.83 0.19 2.30 150.0 10.0 288.1 2.0 0
0.00 66. 1016. 0 ADJ-A1 NoSubs
16 2 19 50 12 147.5 0.251 1.685 0.005 1177. 302. -9.7 0.0170 0.83 0.18 3.30 188.0 10.0 288.8 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
16 2 19 50 13 153.5 0.346 1.736 0.005 1238. 487. -24.4 0.0170 0.83 0.18 4.90 209.0 10.0 289.2 2.0 0
0.00 61. 1016. 0 ADJ-A1 NoSubs
16 2 19 50 14 142.8 0.383 1.720 0.005 1293. 568. -35.6 0.0210 0.83 0.18 5.36 230.0 10.0 288.8 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
16 2 19 50 15 116.3 0.348 1.627 0.005 1343. 494. -32.8 0.0210 0.83 0.19 4.85 234.0 10.0 289.2 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
16 2 19 50 16 66.1 0.327 1.401 0.006 1507. 450. -48.0 0.0210 0.83 0.22 4.66 232.0 10.0 288.8 2.0 0
0.00 68. 1015. 7 ADJ-A1 NoSubs
16 2 19 50 17 20.6 0.193 0.954 0.006 1528. 215. -31.8 0.0210 0.83 0.31 2.69 237.0 10.0 287.5 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
16 2 19 50 18 -8.8 0.124 -9.000 -9.000 -999. 107. 19.7 0.0180 0.83 0.61 2.15 241.0 10.0 285.4 2.0 0
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16 2 19 50 19 -4.0 0.082 -9.000 -9.000 -999. 56. 12.1 0.0210 0.83 1.00 1.40 238.0 10.0 285.9 2.0 0
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16 2 19 50 20 -4.6 0.086 -9.000 -9.000 -999. 61. 12.6 0.0180 0.83 1.00 1.53 257.0 10.0 284.9 2.0 0
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16 2 19 50 21 -2.9 0.072 -9.000 -9.000 -999. 46. 11.3 0.0270 0.83 1.00 1.13 357.0 10.0 284.9 2.0 0
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16 2 19 50 22 -3.1 0.073 -9.000 -9.000 -999. 47. 11.3 0.0240 0.83 1.00 1.18 31.0 10.0 284.2 2.0 0
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16 2 19 50 23 -6.7 0.106 -9.000 -9.000 -999. 82. 15.9 0.0270 0.83 1.00 1.74 344.0 10.0 283.8 2.0 0
0.00 92. 1017. 7 ADJ-A1 NoSubs
16 2 19 50 24 -4.2 0.083 -9.000 -9.000 -999. 58. 12.6 0.0270 0.83 1.00 1.37 356.0 10.0 283.1 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
16 2 20 51 1 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.83 1.00 1.74 304.0 10.0 283.1 2.0 0
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16 2 20 51 2 -5.7 0.096 -9.000 -9.000 -999. 72. 14.3 0.0230 0.83 1.00 1.64 317.0 10.0 283.1 2.0 0

0.00 92. 1018. 10 ADJ-A1 NoSubs
16 2 20 51 3 -4.8 0.088 -9.000 -9.000 -999. 63. 13.1 0.0230 0.83 1.00 1.50 313.0 10.0 283.1 2.0 0
0.00 92. 1017. 3 ADJ-A1 NoSubs
16 2 20 51 4 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.83 1.00 1.48 26.0 10.0 283.8 2.0 0
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16 2 20 51 5 -2.2 0.064 -9.000 -9.000 -999. 39. 11.0 0.0230 0.83 1.00 0.94 23.0 10.0 283.1 2.0 0
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16 2 20 51 6 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 314.0 10.0 282.0 2.0 0
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16 2 20 51 7 -7.1 0.108 -9.000 -9.000 -999. 85. 16.0 0.0230 0.83 1.00 1.82 315.0 10.0 281.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 2 20 51 8 -4.0 0.092 -9.000 -9.000 -999. 67. 17.6 0.0230 0.83 0.48 1.54 315.0 10.0 282.0 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 2 20 51 9 37.4 0.091 0.684 0.005 310. 65. -1.8 0.0180 0.83 0.27 0.96 254.0 10.0 284.2 2.0 0
0.00 86. 1017. 0 ADJ-A1 NoSubs
16 2 20 51 10 88.8 0.160 1.031 0.005 448. 153. -4.2 0.0280 0.83 0.21 1.72 122.0 10.0 286.4 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
16 2 20 51 11 126.4 0.184 1.344 0.005 697. 190. -4.5 0.0200 0.83 0.19 2.16 81.0 10.0 287.0 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
16 2 20 51 12 149.0 0.147 1.559 0.005 924. 135. -1.9 0.0230 0.83 0.18 1.48 97.0 10.0 288.8 2.0 0
0.00 64. 1017. 0 ADJ-A1 NoSubs
16 2 20 51 13 155.1 0.149 1.625 0.006 1003. 137. -1.9 0.0230 0.83 0.18 1.50 119.0 10.0 289.9 2.0 0
0.00 59. 1016. 0 ADJ-A1 NoSubs
16 2 20 51 14 144.8 0.204 1.673 0.009 1174. 222. -5.3 0.0310 0.83 0.18 2.22 159.0 10.0 290.4 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
16 2 20 51 15 117.7 0.312 1.621 0.014 1311. 417. -23.2 0.0210 0.83 0.19 4.24 237.0 10.0 289.2 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
16 2 20 51 16 76.0 0.264 1.424 0.016 1376. 327. -21.9 0.0180 0.83 0.22 3.68 244.0 10.0 289.2 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
16 2 20 51 17 22.0 0.222 0.943 0.016 1382. 252. -45.0 0.0210 0.83 0.31 3.15 239.0 10.0 288.1 2.0 0
0.00 63. 1015. 0 ADJ-A1 NoSubs
16 2 20 51 18 -6.1 0.103 -9.000 -9.000 -999. 89. 16.3 0.0210 0.83 0.60 1.77 238.0 10.0 287.0 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
16 2 20 51 19 -2.2 0.064 -9.000 -9.000 -999. 39. 11.0 0.0240 0.83 1.00 0.94 33.0 10.0 285.9 2.0 0
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16 2 20 51 20 -5.2 0.093 -9.000 -9.000 -999. 68. 13.9 0.0240 0.83 1.00 1.57 42.0 10.0 284.9 2.0 0
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16 2 20 51 21 -5.4 0.095 -9.000 -9.000 -999. 70. 14.2 0.0270 0.83 1.00 1.57 351.0 10.0 283.1 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
16 2 20 51 22 -9.8 0.128 -9.000 -9.000 -999. 109. 19.3 0.0230 0.83 1.00 2.13 301.0 10.0 283.1 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
16 2 20 51 23 -8.7 0.120 -9.000 -9.000 -999. 100. 18.0 0.0230 0.83 1.00 2.01 309.0 10.0 282.5 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
16 2 20 51 24 -11.0 0.135 -9.000 -9.000 -999. 120. 20.5 0.0230 0.83 1.00 2.25 317.0 10.0 282.0 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 2 21 52 1 -7.0 0.107 -9.000 -9.000 -999. 84. 15.9 0.0230 0.83 1.00 1.81 315.0 10.0 281.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 2 21 52 2 -4.5 0.087 -9.000 -9.000 -999. 61. 13.0 0.0270 0.83 1.00 1.43 340.0 10.0 281.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
16 2 21 52 3 -8.8 0.121 -9.000 -9.000 -999. 101. 18.3 0.0270 0.83 1.00 1.98 334.0 10.0 280.4 2.0 0
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16 2 21 52 4 -2.6 0.067 -9.000 -9.000 -999. 42. 10.5 0.0180 0.83 1.00 1.09 288.0 10.0 280.4 2.0 0
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16 2 21 52 5 -5.9 0.097 -9.000 -9.000 -999. 73. 14.1 0.0180 0.83 1.00 1.72 299.0 10.0 279.9 2.0 0

0.00 95. 1017. 0 ADJ-A1 NoSubs
16 2 21 52 6 -2.2 0.064 -9.000 -9.000 -999. 39. 10.8 0.0210 0.83 1.00 0.97 217.0 10.0 279.9 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
16 2 21 52 7 -5.6 0.096 -9.000 -9.000 -999. 71. 14.3 0.0270 0.83 1.00 1.59 342.0 10.0 278.1 2.0 0
0.00 95. 1018. 0 ADJ-A1 NoSubs
16 2 21 52 8 -2.7 0.077 -9.000 -9.000 -999. 51. 14.9 0.0230 0.83 0.47 1.30 11.0 10.0 281.4 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
16 2 21 52 9 38.5 0.100 0.519 0.008 132. 76. -2.3 0.0240 0.83 0.27 1.03 59.0 10.0 283.1 2.0 0
0.00 86. 1019. 0 ADJ-A1 NoSubs
16 2 21 52 10 90.1 0.118 0.870 0.006 266. 97. -1.6 0.0280 0.83 0.21 1.10 138.0 10.0 285.9 2.0 0
0.00 76. 1019. 0 ADJ-A1 NoSubs
16 2 21 52 11 128.3 0.140 1.210 0.007 503. 126. -2.0 0.0280 0.83 0.19 1.35 124.0 10.0 288.1 2.0 0
0.00 68. 1019. 0 ADJ-A1 NoSubs
16 2 21 52 12 150.6 0.201 1.422 0.012 695. 216. -4.9 0.0210 0.83 0.18 2.35 223.0 10.0 289.2 2.0 0
0.00 66. 1019. 0 ADJ-A1 NoSubs
16 2 21 52 13 156.8 0.239 1.584 0.015 922. 281. -7.9 0.0170 0.83 0.18 3.08 207.0 10.0 290.4 2.0 0
0.00 59. 1018. 0 ADJ-A1 NoSubs
16 2 21 52 14 146.0 0.290 1.568 0.014 959. 374. -15.1 0.0210 0.83 0.18 3.81 238.0 10.0 289.9 2.0 0
0.00 59. 1018. 0 ADJ-A1 NoSubs
16 2 21 52 15 119.5 0.240 1.480 0.013 985. 282. -10.4 0.0170 0.83 0.19 3.17 204.0 10.0 290.4 2.0 0
0.00 57. 1017. 0 ADJ-A1 NoSubs
16 2 21 52 16 77.7 0.244 1.289 0.013 1001. 290. -17.1 0.0310 0.83 0.22 3.01 171.0 10.0 290.4 2.0 0
0.00 59. 1017. 0 ADJ-A1 NoSubs
16 2 21 52 17 23.6 0.226 0.868 0.013 1005. 257. -44.1 0.0310 0.83 0.31 2.98 171.0 10.0 289.2 2.0 0
0.00 53. 1017. 0 ADJ-A1 NoSubs
16 2 21 52 18 -3.3 0.077 -9.000 -9.000 -999. 75. 12.6 0.0310 0.83 0.59 1.23 150.0 10.0 288.8 2.0 0
0.00 59. 1018. 0 ADJ-A1 NoSubs
16 2 21 52 19 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.83 1.00 1.21 164.0 10.0 286.4 2.0 0
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16 2 21 52 20 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.83 1.00 1.55 314.0 10.0 283.8 2.0 0
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16 2 21 52 21 -5.4 0.093 -9.000 -9.000 -999. 68. 13.5 0.0180 0.83 1.00 1.65 284.0 10.0 282.0 2.0 0
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16 2 21 52 22 -11.8 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.83 1.00 2.33 303.0 10.0 282.5 2.0 0
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16 2 21 52 24 -4.5 0.087 -9.000 -9.000 -999. 62. 13.0 0.0270 0.83 1.00 1.43 350.0 10.0 280.9 2.0 0
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16 2 22 53 1 -8.5 0.118 -9.000 -9.000 -999. 98. 17.7 0.0230 0.83 1.00 1.99 318.0 10.0 280.9 2.0 0
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16 2 22 53 2 -2.6 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.83 1.00 1.06 14.0 10.0 280.9 2.0 0
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16 2 22 53 4 -6.2 0.100 -9.000 -9.000 -999. 76. 14.8 0.0230 0.83 1.00 1.70 304.0 10.0 279.9 2.0 0
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16 2 22 53 5 -4.2 0.083 -9.000 -9.000 -999. 58. 12.5 0.0270 0.83 1.00 1.37 346.0 10.0 279.2 2.0 0
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16 2 22 53 6 -4.3 0.084 -9.000 -9.000 -999. 58. 12.4 0.0230 0.83 1.00 1.42 309.0 10.0 278.1 2.0 0
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16 2 22 53 7 -3.4 0.074 -9.000 -9.000 -999. 49. 11.0 0.0180 0.83 1.00 1.28 285.0 10.0 278.8 2.0 0
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0.00 85. 1018. 0 ADJ-A1 NoSubs
16 2 22 53 9 40.3 0.144 0.597 0.012 191. 130. -6.7 0.0200 0.83 0.27 1.76 71.0 10.0 284.2 2.0 0
0.00 79. 1018. 0 ADJ-A1 NoSubs
16 2 22 53 10 92.3 0.151 0.974 0.013 363. 141. -3.4 0.0200 0.83 0.21 1.70 67.0 10.0 288.1 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
16 2 22 53 11 130.1 0.221 1.172 0.011 448. 249. -7.5 0.0230 0.83 0.19 2.66 90.0 10.0 289.2 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
16 2 22 53 12 153.2 0.169 1.281 0.008 497. 168. -2.9 0.0230 0.83 0.18 1.81 94.0 10.0 292.0 2.0 0
0.00 51. 1016. 0 ADJ-A1 NoSubs
16 2 22 53 13 159.6 0.185 1.414 0.006 643. 192. -3.6 0.0200 0.83 0.18 2.11 79.0 10.0 293.8 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
16 2 22 53 14 149.2 0.217 1.434 0.005 716. 242. -6.2 0.0310 0.83 0.18 2.40 178.0 10.0 294.2 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
16 2 22 53 15 122.8 0.237 1.359 0.005 740. 278. -9.9 0.0210 0.83 0.19 3.00 211.0 10.0 294.9 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
16 2 22 53 16 79.5 0.243 1.182 0.005 752. 288. -16.3 0.0210 0.83 0.22 3.22 235.0 10.0 291.4 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
16 2 22 53 17 25.6 0.169 0.813 0.005 759. 169. -17.2 0.0180 0.83 0.31 2.32 252.0 10.0 291.4 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
16 2 22 53 18 -3.7 0.081 -9.000 -9.000 -999. 59. 12.8 0.0180 0.83 0.58 1.43 252.0 10.0 289.9 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
16 2 22 53 19 -4.8 0.089 -9.000 -9.000 -999. 63. 13.0 0.0180 0.83 1.00 1.57 294.0 10.0 288.1 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
16 2 22 53 20 -6.0 0.100 -9.000 -9.000 -999. 75. 14.8 0.0230 0.83 1.00 1.69 316.0 10.0 283.8 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
16 2 22 53 21 -9.2 0.124 -9.000 -9.000 -999. 105. 18.8 0.0230 0.83 1.00 2.08 311.0 10.0 284.9 2.0 0
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16 2 24 55 11 133.8 0.146 1.178 0.011 443. 134. -2.1 0.0230 0.83 0.19 1.50 107.0 10.0 290.9 2.0 0
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0.00 40. 1015. 0 ADJ-A1 NoSubs
16 2 24 55 13 163.0 0.141 1.389 0.009 595. 128. -1.6 0.0230 0.83 0.18 1.38 98.0 10.0 294.9 2.0 0
0.00 41. 1014. 0 ADJ-A1 NoSubs
16 2 24 55 14 152.8 0.146 1.418 0.009 675. 133. -1.8 0.0310 0.83 0.18 1.35 178.0 10.0 295.9 2.0 0

0.00 33. 1013. 0 ADJ-A1 NoSubs
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16 2 24 55 16 82.6 0.336 1.210 0.008 777. 468. -41.6 0.0210 0.83 0.22 4.75 230.0 10.0 292.5 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
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0.00 70. 1014. 0 ADJ-A1 NoSubs
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16 2 25 56 9 45.2 0.087 0.644 0.014 213. 62. -1.3 0.0170 0.83 0.26 0.89 202.0 10.0 285.9 2.0 0
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0.00 61. 1015. 0 ADJ-A1 NoSubs
16 2 25 56 11 135.7 0.141 1.146 0.011 402. 127. -1.9 0.0310 0.83 0.19 1.31 150.0 10.0 292.0 2.0 0
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0.00 50. 1014. 0 ADJ-A1 NoSubs
16 2 25 56 13 165.0 0.154 1.427 0.007 638. 145. -2.0 0.0170 0.83 0.18 1.67 199.0 10.0 295.9 2.0 0
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0.00 47. 1013. 0 ADJ-A1 NoSubs
16 2 25 56 15 127.7 0.228 1.383 0.006 750. 261. -8.4 0.0170 0.83 0.19 2.95 197.0 10.0 296.4 2.0 0
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16 2 25 56 16 85.4 0.218 1.235 0.006 796. 244. -10.9 0.0310 0.83 0.22 2.57 178.0 10.0 295.9 2.0 0
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0.00 71. 1015. 0 ADJ-A1 NoSubs
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0.00 65. 1015. 0 ADJ-A1 NoSubs
16 2 26 57 12 158.8 0.221 1.307 0.007 510. 249. -6.1 0.0310 0.83 0.18 2.44 178.0 10.0 291.4 2.0 0
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16 2 26 57 13 163.6 0.313 1.455 0.006 682. 420. -16.9 0.0170 0.83 0.18 4.32 190.0 10.0 289.2 2.0 0
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16 2 26 57 15 126.0 0.263 1.396 0.005 783. 325. -13.1 0.0210 0.83 0.19 3.42 226.0 10.0 289.2 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
16 2 26 57 16 83.6 0.295 1.228 0.005 804. 385. -27.9 0.0210 0.83 0.21 4.07 210.0 10.0 288.1 2.0 0
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0.00 96. 1017. 10 ADJ-A1 NoSubs
16 2 27 58 9 9.5 0.106 0.429 0.008 301. 83. -11.5 0.0270 0.83 0.26 1.30 357.0 10.0 285.4 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
16 2 27 58 10 100.2 0.143 1.160 0.012 564. 130. -2.7 0.0230 0.83 0.20 1.52 300.0 10.0 288.8 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
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16 2 29 60 13 171.0 0.165 1.447 0.012 642. 161. -2.4 0.0230 0.83 0.18 1.72 118.0 10.0 296.4 2.0 0
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16 2 29 60 15 132.8 0.216 1.381 0.009 717. 241. -6.8 0.0170 0.83 0.19 2.74 194.0 10.0 295.9 2.0 0
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16 2 29 60 16 90.7 0.238 1.224 0.008 732. 278. -13.4 0.0180 0.83 0.21 3.18 242.0 10.0 295.9 2.0 0
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16 3 1 61 4 -8.7 0.122 -9.000 -9.000 -999. 102. 18.7 0.0310 0.48 1.00 1.94 302.0 10.0 284.2 2.0 0
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16 3 2 62 11 105.0 0.118 1.097 0.011 454. 98. -1.4 0.0370 0.48 0.17 1.01 165.0 10.0 291.4 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
16 3 2 62 12 120.8 0.198 1.213 0.010 534. 212. -5.9 0.0230 0.48 0.17 2.33 191.0 10.0 292.0 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
16 3 2 62 13 124.2 0.276 1.258 0.008 579. 348. -15.3 0.0230 0.48 0.17 3.57 208.0 10.0 290.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
16 3 2 62 14 115.8 0.320 1.256 0.007 618. 434. -25.5 0.0340 0.48 0.17 4.00 210.0 10.0 288.8 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
16 3 2 62 15 80.1 0.374 1.125 0.006 642. 548. -58.9 0.0340 0.48 0.18 4.93 228.0 10.0 286.4 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
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0.00 96. 1015. 10 ADJ-A1 NoSubs
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0.30 100. 1012. 10 ADJ-A1 NoSubs
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0.30 100. 1011. 10 ADJ-SFC NoSubs
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0.00 96. 1011. 10 ADJ-SFC NoSubs
16 3 4 64 11 25.7 0.240 0.658 0.005 401. 282. -48.4 0.0230 0.48 0.17 3.36 209.0 10.0 289.9 2.0 0
0.00 89. 1012. 10 ADJ-SFC NoSubs
16 3 4 64 12 29.5 0.224 0.724 0.005 464. 254. -34.3 0.0340 0.48 0.17 2.86 221.0 10.0 289.9 2.0 0
0.00 89. 1011. 10 ADJ-SFC NoSubs
16 3 4 64 13 30.6 0.211 0.762 0.005 521. 233. -27.6 0.0230 0.48 0.17 2.86 185.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
16 3 4 64 14 28.5 0.223 0.767 0.006 569. 253. -35.3 0.0340 0.48 0.17 2.86 234.0 10.0 289.9 2.0 0

0.00 89. 1010. 10 ADJ-SFC NoSubs
16 3 4 64 15 23.3 0.188 0.732 0.006 605. 197. -25.9 0.0340 0.48 0.18 2.36 220.0 10.0 288.8 2.0 11
1.80 96. 1009. 10 ADJ-SFC NoSubs
16 3 4 64 16 15.6 0.328 0.649 0.006 628. 452. -204.2 0.0230 0.48 0.20 4.86 201.0 10.0 288.8 2.0 11
0.80 92. 1009. 10 ADJ-SFC NoSubs
16 3 4 64 17 5.5 0.259 0.461 0.006 636. 319. -283.2 0.0230 0.48 0.27 3.86 189.0 10.0 288.1 2.0 11
3.30 96. 1010. 10 ADJ-SFC NoSubs
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0.30 96. 1008. 10 ADJ-A1 NoSubs
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0.00 96. 1009. 10 ADJ-A1 NoSubs
16 3 4 64 20 -15.0 0.162 -9.000 -9.000 -999. 157. 28.9 0.0280 0.48 1.00 2.57 266.0 10.0 288.8 2.0 0
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16 3 4 64 21 -17.5 0.179 -9.000 -9.000 -999. 181. 35.1 0.0230 0.48 1.00 2.91 201.0 10.0 288.8 2.0 0
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16 3 4 64 23 -6.5 0.105 -9.000 -9.000 -999. 82. 16.3 0.0340 0.48 1.00 1.67 224.0 10.0 288.8 2.0 11
1.30 96. 1009. 10 ADJ-A1 NoSubs
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0.30 96. 1009. 10 ADJ-A1 NoSubs
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2.00 100. 1009. 10 ADJ-A1 NoSubs
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10.70 96. 1008. 10 ADJ-A1 NoSubs
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0.30 96. 1007. 10 ADJ-A1 NoSubs
16 3 5 65 9 9.8 0.102 0.349 0.005 156. 79. -9.9 0.0270 0.48 0.23 1.23 78.0 10.0 288.8 2.0 11
0.50 96. 1007. 10 ADJ-A1 NoSubs
16 3 5 65 10 19.1 0.159 0.522 0.005 267. 153. -19.0 0.0230 0.48 0.19 2.10 189.0 10.0 289.2 2.0 11
2.00 89. 1007. 10 ADJ-A1 NoSubs
16 3 5 65 11 25.9 0.275 0.643 0.005 368. 347. -72.2 0.0370 0.48 0.17 3.61 169.0 10.0 289.9 2.0 11
0.50 89. 1007. 10 ADJ-A1 NoSubs
16 3 5 65 12 29.6 0.242 0.723 0.005 457. 286. -42.9 0.0230 0.48 0.17 3.37 200.0 10.0 289.2 2.0 11
1.50 93. 1006. 10 ADJ-A1 NoSubs
16 3 5 65 13 104.9 0.182 1.261 0.005 685. 187. -5.2 0.0370 0.48 0.17 1.89 152.0 10.0 290.4 2.0 0
0.00 86. 1005. 7 ADJ-A1 NoSubs
16 3 5 65 14 28.8 0.240 0.840 0.005 736. 282. -42.8 0.0230 0.48 0.17 3.34 187.0 10.0 290.4 2.0 0
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0.00 77. 1003. 10 ADJ-A1 NoSubs
16 3 5 65 16 15.8 0.177 0.704 0.005 787. 179. -31.4 0.0340 0.48 0.20 2.25 217.0 10.0 288.8 2.0 11
3.30 92. 1003. 10 ADJ-A1 NoSubs
16 3 5 65 17 5.7 0.395 0.503 0.005 793. 595. -957.8 0.0230 0.48 0.26 5.96 187.0 10.0 288.1 2.0 11

7.10 93. 1002. 10 ADJ-A1 NoSubs
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3.80 96. 1002. 10 ADJ-A1 NoSubs
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3.80 96. 1001. 10 ADJ-A1 NoSubs
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0.30 92. 1009. 3 ADJ-A1 NoSubs
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16 3 6 66 11 107.1 0.316 1.527 0.005 1201. 427. -26.7 0.0340 0.48 0.17 3.97 212.0 10.0 288.1 2.0 0
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16 3 6 66 12 126.9 0.456 1.687 0.005 1367. 740. -67.6 0.0340 0.48 0.17 6.06 221.0 10.0 288.1 2.0 0
0.00 68. 1012. 3 ADJ-A1 NoSubs
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0.00 68. 1012. 3 ADJ-A1 NoSubs
16 3 6 66 14 122.5 0.429 1.721 0.005 1502. 679. -58.1 0.0340 0.48 0.17 5.65 214.0 10.0 288.1 2.0 0
0.00 66. 1011. 3 ADJ-A1 NoSubs
16 3 6 66 15 103.0 0.376 1.638 0.005 1542. 556. -46.5 0.0230 0.48 0.17 5.26 196.0 10.0 288.1 2.0 0
0.00 68. 1010. 3 ADJ-A1 NoSubs
16 3 6 66 16 68.9 0.390 1.441 0.005 1566. 585. -77.8 0.0230 0.48 0.20 5.60 199.0 10.0 287.0 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
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0.80 89. 1005. 10 ADJ-A1 NoSubs
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12.20 92. 1004. 10 ADJ-A1 NoSubs
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3.80 89. 1003. 10 ADJ-A1 NoSubs
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0.80 86. 1003. 10 ADJ-A1 NoSubs
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0.30 92. 1003. 10 ADJ-A1 NoSubs
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4.30 96. 1002. 10 ADJ-A1 NoSubs
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0.00 95. 1002. 10 ADJ-A1 NoSubs
16 3 7 67 7 -8.5 0.120 -9.000 -9.000 -999. 100. 18.3 0.0300 0.48 1.00 1.93 33.0 10.0 280.9 2.0 11
0.30 95. 1002. 7 ADJ-A1 NoSubs
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0.00 95. 1002. 5 ADJ-A1 NoSubs
16 3 7 67 9 40.8 0.124 0.884 0.005 605. 105. -4.2 0.0360 0.48 0.23 1.26 348.0 10.0 283.1 2.0 0
0.00 89. 1003. 7 ADJ-A1 NoSubs
16 3 7 67 10 69.7 0.123 1.108 0.005 698. 104. -2.4 0.0300 0.48 0.18 1.21 118.0 10.0 284.9 2.0 0
0.00 73. 1003. 7 ADJ-A1 NoSubs
16 3 7 67 11 25.3 0.243 0.803 0.005 734. 288. -50.9 0.0340 0.48 0.17 3.18 214.0 10.0 284.2 2.0 11
0.50 82. 1003. 10 ADJ-A1 NoSubs
16 3 7 67 12 102.2 0.148 1.358 0.005 878. 140. -2.8 0.0250 0.48 0.17 1.55 296.0 10.0 283.8 2.0 11
1.30 85. 1004. 7 ADJ-A1 NoSubs
16 3 7 67 13 131.1 0.143 1.753 0.005 1474. 130. -2.0 0.0250 0.48 0.17 1.43 276.0 10.0 286.4 2.0 0
0.00 77. 1004. 3 ADJ-A1 NoSubs
16 3 7 67 14 117.8 0.270 1.707 0.005 1513. 336. -14.9 0.0360 0.48 0.17 3.18 346.0 10.0 286.4 2.0 0
0.00 56. 1004. 5 ADJ-A1 NoSubs
16 3 7 67 15 23.2 0.192 0.995 0.005 1518. 204. -27.2 0.0300 0.48 0.17 2.47 14.0 10.0 285.4 2.0 0
0.00 66. 1005. 10 ADJ-A1 NoSubs
16 3 7 67 16 59.9 0.228 1.368 0.005 1533. 262. -17.8 0.0280 0.48 0.19 2.88 266.0 10.0 286.4 2.0 0
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16 3 7 67 17 5.7 0.188 0.624 0.005 1534. 196. -105.0 0.0360 0.48 0.26 2.52 347.0 10.0 285.9 2.0 0
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16 3 7 67 18 -7.7 0.201 -9.000 -9.000 -999. 216. 94.9 0.0250 0.48 0.47 3.15 275.0 10.0 284.9 2.0 0
0.00 65. 1007. 5 ADJ-A1 NoSubs
16 3 7 67 19 -21.8 0.219 -9.000 -9.000 -999. 246. 52.8 0.0280 0.48 1.00 3.42 243.0 10.0 283.8 2.0 0
0.00 76. 1007. 7 ADJ-A1 NoSubs
16 3 7 67 20 -19.8 0.199 -9.000 -9.000 -999. 213. 43.6 0.0280 0.48 1.00 3.12 266.0 10.0 283.8 2.0 0
0.00 79. 1008. 10 ADJ-A1 NoSubs
16 3 7 67 21 -12.2 0.144 -9.000 -9.000 -999. 132. 22.8 0.0250 0.48 1.00 2.35 283.0 10.0 282.0 2.0 0
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0.00 92. 1010. 0 ADJ-A1 NoSubs
16 3 8 68 1 -11.0 0.136 -9.000 -9.000 -999. 120. 20.7 0.0250 0.48 1.00 2.23 298.0 10.0 279.9 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
16 3 8 68 2 -10.8 0.136 -9.000 -9.000 -999. 120. 20.9 0.0310 0.48 1.00 2.15 327.0 10.0 279.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
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0.00 82. 1014. 0 ADJ-A1 NoSubs
16 3 8 68 10 83.6 0.169 1.067 0.009 526. 167. -5.2 0.0370 0.48 0.18 1.76 168.0 10.0 285.4 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
16 3 8 68 11 110.3 0.189 1.191 0.007 554. 197. -5.5 0.0230 0.48 0.17 2.20 181.0 10.0 285.9 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
16 3 8 68 12 125.9 0.190 1.258 0.006 572. 198. -4.9 0.0230 0.48 0.17 2.18 182.0 10.0 287.0 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
16 3 8 68 13 126.6 0.223 1.273 0.005 590. 254. -8.0 0.0340 0.48 0.17 2.50 221.0 10.0 287.5 2.0 0
0.00 61. 1014. 5 ADJ-A1 NoSubs
16 3 8 68 14 100.0 0.308 1.186 0.005 604. 410. -26.4 0.0340 0.48 0.17 3.86 229.0 10.0 287.0 2.0 0
0.00 66. 1014. 7 ADJ-A1 NoSubs
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0.00 68. 1013. 10 ADJ-A1 NoSubs
16 3 8 68 16 16.0 0.229 0.648 0.005 614. 264. -68.3 0.0340 0.48 0.19 3.05 220.0 10.0 286.4 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
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16 3 8 68 24 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0310 0.48 1.00 1.57 327.0 10.0 283.8 2.0 0
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0.00 85. 1014. 10 ADJ-A1 NoSubs
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0.00 89. 1013. 10 ADJ-A1 NoSubs
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0.30 89. 1014. 10 ADJ-A1 NoSubs
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0.30 89. 1014. 10 ADJ-A1 NoSubs
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0.00 77. 1014. 10 ADJ-A1 NoSubs
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0.00 74. 1014. 10 ADJ-A1 NoSubs
16 3 9 69 12 30.6 0.117 0.679 0.008 370. 96. -4.7 0.0280 0.48 0.17 1.28 260.0 10.0 288.8 2.0 0
0.00 79. 1014. 10 ADJ-A1 NoSubs
16 3 9 69 13 32.0 0.166 0.722 0.009 425. 162. -12.9 0.0310 0.48 0.16 1.99 302.0 10.0 290.9 2.0 0
0.00 74. 1013. 10 ADJ-A1 NoSubs
16 3 9 69 14 30.1 0.142 0.731 0.010 469. 129. -8.6 0.0250 0.48 0.17 1.71 273.0 10.0 291.4 2.0 0
0.00 75. 1013. 10 ADJ-A1 NoSubs
16 3 9 69 15 24.6 0.293 0.698 0.010 501. 381. -92.7 0.0340 0.48 0.17 3.95 225.0 10.0 289.2 2.0 0
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16 3 9 69 16 16.9 0.210 0.625 0.010 522. 233. -49.5 0.0340 0.48 0.19 2.74 238.0 10.0 289.2 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
16 3 9 69 17 6.6 0.202 0.459 0.010 529. 218. -112.8 0.0340 0.48 0.26 2.74 213.0 10.0 288.1 2.0 0
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16 3 9 69 18 -8.2 0.132 -9.000 -9.000 -999. 117. 25.7 0.0280 0.48 0.46 2.10 240.0 10.0 287.5 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
16 3 9 69 19 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0340 0.48 1.00 1.23 212.0 10.0 287.5 2.0 0
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16 3 9 69 20 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.48 1.00 1.33 190.0 10.0 287.5 2.0 0
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16 3 9 69 21 -2.1 0.065 -9.000 -9.000 -999. 40. 11.7 0.0340 0.48 1.00 0.89 227.0 10.0 287.0 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
16 3 9 69 22 -2.4 0.068 -9.000 -9.000 -999. 42. 11.7 0.0360 0.48 1.00 0.96 358.0 10.0 287.5 2.0 0
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16 3 9 69 23 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0300 0.48 1.00 1.38 44.0 10.0 287.0 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 3 9 69 24 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0360 0.48 1.00 1.62 352.0 10.0 286.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 3 10 70 1 -2.9 0.072 -9.000 -9.000 -999. 47. 11.8 0.0360 0.48 1.00 1.08 334.0 10.0 285.4 2.0 0
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16 3 10 70 2 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.48 1.00 1.25 338.0 10.0 285.4 2.0 0
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0.00 96. 1011. 0 ADJ-A1 NoSubs
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0.00 96. 1011. 0 ADJ-A1 NoSubs
16 3 10 70 5 -16.9 0.171 -9.000 -9.000 -999. 170. 32.3 0.0280 0.48 1.00 2.71 251.0 10.0 285.4 2.0 0

0.00 100. 1012. 10 ADJ-A1 NoSubs
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16 3 10 70 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-SFC NoSubs
16 3 10 70 8 10.4 0.178 0.270 0.005 68. 180. -48.6 0.0310 0.48 0.34 2.36 322.0 10.0 284.9 2.0 0
0.00 100. 1013. 7 ADJ-SFC NoSubs
16 3 10 70 9 53.8 -9.000 -9.000 -9.000 346. -999. -99999.0 0.0304 0.48 0.22 0.00 0.0 10.0 288.8 2.0 0
0.00 83. 1013. 3 ADJ-SFC NoSubs
16 3 10 70 10 87.1 0.207 1.239 0.005 789. 227. -9.3 0.0340 0.48 0.18 2.36 224.0 10.0 290.4 2.0 0
0.00 64. 1013. 0 ADJ-SFC NoSubs
16 3 10 70 11 114.0 0.278 1.477 0.010 1021. 352. -17.0 0.0340 0.48 0.17 3.36 228.0 10.0 292.0 2.0 0
0.00 58. 1012. 0 ADJ-SFC NoSubs
16 3 10 70 12 129.3 0.378 1.628 0.011 1207. 558. -37.8 0.0340 0.48 0.17 4.86 213.0 10.0 292.0 2.0 0
0.00 53. 1012. 0 ADJ-SFC NoSubs
16 3 10 70 13 132.7 0.211 1.663 0.010 1252. 254. -6.4 0.0304 0.48 0.16 2.36 999.0 10.0 292.0 2.0 0
0.00 53. 1011. 0 ADJ-SFC NoSubs
16 3 10 70 14 124.4 0.263 1.645 0.010 1292. 324. -13.2 0.0230 0.48 0.17 3.36 207.0 10.0 292.0 2.0 0
0.00 49. 1010. 0 ADJ-SFC NoSubs
16 3 10 70 15 104.0 0.299 1.561 0.010 1320. 393. -23.2 0.0280 0.48 0.17 3.86 255.0 10.0 290.4 2.0 0
0.00 67. 1011. 0 ADJ-SFC NoSubs
16 3 10 70 16 62.6 0.304 1.324 0.010 1337. 402. -40.4 0.0280 0.48 0.19 4.07 243.0 10.0 289.2 2.0 0
0.00 83. 1010. 7 ADJ-A1 NoSubs
16 3 10 70 17 36.7 0.276 1.111 0.010 1346. 349. -51.7 0.0280 0.48 0.25 3.75 251.0 10.0 288.8 2.0 0
0.00 86. 1010. 3 ADJ-A1 NoSubs
16 3 10 70 18 -9.9 0.162 -9.000 -9.000 -999. 163. 38.4 0.0340 0.48 0.45 2.45 239.0 10.0 288.1 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 3 10 70 19 -17.3 0.176 -9.000 -9.000 -999. 178. 34.2 0.0340 0.48 1.00 2.69 235.0 10.0 288.1 2.0 0
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16 3 10 70 22 -8.3 0.120 -9.000 -9.000 -999. 99. 18.5 0.0310 0.48 1.00 1.91 310.0 10.0 287.5 2.0 0
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0.30 65. 1002. 10 ADJ-A1 NoSubs
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1.80 89. 1002. 10 ADJ-A1 NoSubs
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2.80 92. 1001. 10 ADJ-A1 NoSubs
16 3 11 71 10 20.0 0.331 0.472 0.005 188. 458. -162.9 0.0370 0.48 0.18 4.48 172.0 10.0 285.4 2.0 11
3.30 92. 1003. 10 ADJ-A1 NoSubs
16 3 11 71 11 26.7 0.493 0.596 0.005 283. 831. -402.2 0.0370 0.48 0.17 6.80 177.0 10.0 285.9 2.0 11
0.80 89. 1003. 10 ADJ-A1 NoSubs
16 3 11 71 12 30.6 0.558 0.679 0.005 366. 998. -506.6 0.0230 0.48 0.17 8.37 207.0 10.0 286.4 2.0 11
2.30 89. 1003. 10 ADJ-A1 NoSubs
16 3 11 71 13 108.7 0.596 1.332 0.005 780. 1102. -174.3 0.0340 0.48 0.16 8.20 227.0 10.0 287.0 2.0 0
0.00 74. 1005. 7 ADJ-A1 NoSubs
16 3 11 71 14 101.9 0.579 1.352 0.005 871. 1058. -170.5 0.0340 0.48 0.17 7.96 226.0 10.0 285.4 2.0
11 0.30 76. 1005. 7 ADJ-A1 NoSubs
16 3 11 71 15 24.4 0.608 0.843 0.005 881. 1136. -826.6 0.0340 0.48 0.17 8.57 226.0 10.0 286.4 2.0 0
0.00 69. 1006. 10 ADJ-A1 NoSubs
16 3 11 71 16 16.4 0.582 0.741 0.005 888. 1067. -1077.1 0.0340 0.48 0.19 8.22 226.0 10.0 285.4 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
16 3 11 71 17 6.2 0.572 0.535 0.005 890. 1039. -2723.4 0.0340 0.48 0.25 8.11 226.0 10.0 284.2 2.0 11
0.30 79. 1007. 10 ADJ-A1 NoSubs
16 3 11 71 18 -35.6 0.538 -9.000 -9.000 -999. 949. 393.4 0.0340 0.48 0.45 7.77 228.0 10.0 283.8 2.0 11
1.50 89. 1008. 10 ADJ-A1 NoSubs
16 3 11 71 19 -48.4 0.487 -9.000 -9.000 -999. 819. 260.7 0.0340 0.48 1.00 7.11 234.0 10.0 283.8 2.0 11
0.50 89. 1009. 10 ADJ-A1 NoSubs
16 3 11 71 20 -44.4 0.448 -9.000 -9.000 -999. 722. 220.8 0.0280 0.48 1.00 6.79 241.0 10.0 284.9 2.0 0
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16 3 11 71 21 -35.3 0.355 -9.000 -9.000 -999. 513. 138.5 0.0280 0.48 1.00 5.43 255.0 10.0 284.2 2.0 0
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0.00 79. 1012. 10 ADJ-A1 NoSubs
16 3 11 71 23 -26.2 0.263 -9.000 -9.000 -999. 323. 76.0 0.0280 0.48 1.00 4.07 253.0 10.0 283.8 2.0 0
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5.10 96. 1013. 10 ADJ-A1 NoSubs
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4.80 96. 1014. 10 ADJ-A1 NoSubs
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2.50 93. 1013. 10 ADJ-A1 NoSubs
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0.80 96. 1012. 10 ADJ-A1 NoSubs
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0.80 96. 1012. 10 ADJ-A1 NoSubs
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0.30 96. 1012. 10 ADJ-A1 NoSubs
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2.00 96. 1012. 10 ADJ-A1 NoSubs
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0.00 61. 1018. 10 ADJ-A1 NoSubs
16 3 14 74 15 89.6 0.310 1.583 0.015 1610. 415. -30.3 0.0340 0.48 0.17 3.93 218.0 10.0 290.4 2.0 0
0.00 57. 1017. 7 ADJ-A1 NoSubs
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0.00 71. 1014. 0 ADJ-A1 NoSubs
16 3 16 76 10 93.7 0.124 0.875 0.008 259. 105. -1.8 0.0300 0.48 0.18 1.16 118.0 10.0 289.2 2.0 0
0.00 55. 1014. 0 ADJ-A1 NoSubs
16 3 16 76 11 120.3 0.150 1.062 0.006 361. 139. -2.5 0.0370 0.48 0.17 1.40 169.0 10.0 290.9 2.0 0
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0.00 54. 1013. 0 ADJ-A1 NoSubs
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2.30 92. 1013. 10 ADJ-A1 NoSubs
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0.00 80. 1019. 3 ADJ-A1 NoSubs
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0.00 63. 1018. 7 ADJ-A1 NoSubs
16 3 22 82 13 143.7 0.252 1.791 0.005 1453. 304. -10.1 0.0250 0.48 0.16 3.08 275.0 10.0 290.9 2.0 0
0.00 39. 1018. 0 ADJ-A1 NoSubs
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0.00 36. 1017. 0 ADJ-A1 NoSubs
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0.00 35. 1017. 2 ADJ-A1 NoSubs
16 3 22 82 16 83.3 0.312 1.578 0.005 1712. 419. -33.1 0.0310 0.48 0.18 4.05 319.0 10.0 291.4 2.0 0
0.00 35. 1017. 0 ADJ-A1 NoSubs
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0.00 54. 1017. 0 ADJ-A1 NoSubs
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0.00 82. 1020. 0 ADJ-A1 NoSubs
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0.00 57. 1021. 0 ADJ-A1 NoSubs
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0.00 59. 1020. 0 ADJ-A1 NoSubs
16 3 23 83 14 135.4 0.303 1.635 0.005 1176. 401. -18.7 0.0340 0.48 0.16 3.69 228.0 10.0 289.9 2.0 0
0.00 61. 1020. 0 ADJ-A1 NoSubs
16 3 23 83 15 115.0 0.272 1.585 0.005 1259. 342. -16.0 0.0340 0.48 0.17 3.27 211.0 10.0 290.4 2.0 0
0.00 57. 1020. 0 ADJ-A1 NoSubs
16 3 23 83 16 83.7 0.210 1.447 0.005 1316. 233. -10.1 0.0370 0.48 0.18 2.37 176.0 10.0 290.4 2.0 0
0.00 57. 1019. 0 ADJ-A1 NoSubs
16 3 23 83 17 43.2 0.191 1.169 0.005 1345. 200. -14.6 0.0370 0.48 0.23 2.23 150.0 10.0 290.4 2.0 0

0.00 53. 1019. 0 ADJ-A1 NoSubs
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16 3 24 84 14 136.9 0.211 1.335 0.006 631. 234. -6.2 0.0370 0.48 0.16 2.25 172.0 10.0 292.5 2.0 0
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16 3 24 84 15 116.8 0.236 1.297 0.005 678. 275. -10.2 0.0340 0.48 0.17 2.71 149.0 10.0 293.8 2.0 0
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0.00 80. 1013. 10 ADJ-A1 NoSubs
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0.00 89. 1010. 0 ADJ-A1 NoSubs
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0.00 62. 1010. 0 ADJ-A1 NoSubs
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0.00 46. 1009. 0 ADJ-A1 NoSubs
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0.00 83. 1014. 7 ADJ-A1 NoSubs
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0.00 77. 1014. 7 ADJ-A1 NoSubs
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0.00 74. 1014. 7 ADJ-A1 NoSubs
16 3 27 87 13 143.6 0.273 1.459 0.019 782. 342. -12.8 0.0230 0.48 0.16 3.47 186.0 10.0 290.4 2.0 0
0.00 69. 1013. 5 ADJ-A1 NoSubs
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0.00 67. 1012. 0 ADJ-A1 NoSubs
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0.00 64. 1012. 0 ADJ-A1 NoSubs
16 3 27 87 16 86.9 0.236 1.321 0.016 959. 275. -13.6 0.0370 0.48 0.18 2.74 165.0 10.0 290.9 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
16 3 27 87 17 46.3 0.190 1.073 0.016 963. 200. -13.5 0.0340 0.48 0.23 2.25 144.0 10.0 290.9 2.0 0
0.00 57. 1011. 0 ADJ-A1 NoSubs
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0.00 66. 1011. 0 ADJ-A1 NoSubs
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0.00 65. 1009. 0 ADJ-A1 NoSubs
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0.00 48. 1009. 0 ADJ-A1 NoSubs
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0.00 41. 1007. 0 ADJ-A1 NoSubs
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0.00 43. 1006. 0 ADJ-A1 NoSubs
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0.00 88. 1007. 0 ADJ-A1 NoSubs
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0.00 82. 1007. 7 ADJ-A1 NoSubs
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16 3 29 89 11 132.7 0.289 1.255 0.005 536. 373. -16.4 0.0370 0.48 0.16 3.42 162.0 10.0 287.5 2.0 0
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16 3 29 89 12 146.4 0.333 1.349 0.005 603. 460. -22.5 0.0230 0.48 0.16 4.44 186.0 10.0 287.0 2.0 0
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16 3 29 89 13 148.7 0.349 1.439 0.005 720. 494. -25.6 0.0230 0.48 0.16 4.70 201.0 10.0 287.0 2.0 0
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0.00 66. 1006. 0 ADJ-A1 NoSubs
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0.00 63. 1006. 0 ADJ-A1 NoSubs
16 3 29 89 16 87.2 0.358 1.740 0.005 2172. 514. -47.1 0.0340 0.48 0.18 4.66 213.0 10.0 286.4 2.0 0
0.00 61. 1006. 0 ADJ-A1 NoSubs
16 3 29 89 17 46.5 0.272 1.422 0.005 2224. 345. -39.0 0.0340 0.48 0.22 3.51 212.0 10.0 285.9 2.0 0
0.00 66. 1006. 0 ADJ-A1 NoSubs
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0.00 71. 1017. 0 ADJ-A1 NoSubs
16 4 1 92 11 135.7 0.178 1.330 0.018 630. 181. -3.8 0.0340 0.48 0.16 1.81 138.0 10.0 288.8 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
16 4 1 92 12 149.5 0.264 1.380 0.016 638. 326. -11.2 0.0230 0.48 0.16 3.32 181.0 10.0 289.2 2.0 0
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0.00 55. 1015. 0 ADJ-A1 NoSubs
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0.00 53. 1015. 0 ADJ-A1 NoSubs
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0.00 80. 1014. 0 ADJ-A1 NoSubs
16 4 3 94 14 143.7 0.310 1.340 0.018 606. 415. -18.8 0.0340 0.48 0.16 3.78 216.0 10.0 289.2 2.0 0
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16 4 3 94 15 122.7 0.312 1.281 0.017 620. 419. -22.5 0.0230 0.48 0.17 4.17 198.0 10.0 288.8 2.0 0
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16 4 3 94 17 50.3 0.321 0.961 0.015 637. 437. -59.6 0.0300 0.48 0.22 4.34 109.0 10.0 287.5 2.0 0
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16 4 5 96 12 155.2 0.195 1.254 0.011 460. 207. -4.3 0.0370 0.48 0.16 1.98 170.0 10.0 297.0 2.0 0
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16 4 5 96 13 157.5 0.245 1.289 0.008 493. 291. -8.5 0.0340 0.48 0.16 2.76 212.0 10.0 298.1 2.0 0
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16 4 5 96 14 147.9 0.272 1.344 0.006 594. 341. -12.4 0.0340 0.48 0.16 3.19 219.0 10.0 298.1 2.0 0
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16 4 5 96 15 127.4 0.204 1.343 0.005 688. 223. -6.0 0.0250 0.48 0.17 2.36 274.0 10.0 299.2 2.0 0
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16 4 5 96 17 54.6 0.225 1.056 0.005 779. 257. -18.9 0.0280 0.48 0.22 2.86 249.0 10.0 297.5 2.0 0
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16 4 6 97 9 83.7 0.248 0.769 0.011 196. 297. -16.5 0.0270 0.48 0.19 3.13 86.0 10.0 297.0 2.0 0
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0.00 30. 1012. 0 ADJ-A1 NoSubs
16 4 6 97 13 161.2 0.240 1.456 0.010 691. 282. -7.7 0.0270 0.48 0.16 2.81 87.0 10.0 304.9 2.0 0
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16 4 6 97 15 131.5 0.256 1.435 0.008 809. 312. -11.5 0.0270 0.48 0.17 3.13 73.0 10.0 306.4 2.0 0
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16 4 7 98 11 141.3 0.394 1.259 0.011 509. 593. -38.9 0.0280 0.48 0.16 5.26 240.0 10.0 289.9 2.0 0
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16 4 7 98 12 154.5 0.432 1.399 0.012 639. 682. -47.2 0.0280 0.48 0.16 5.84 244.0 10.0 289.9 2.0 0
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0.00 86. 1009. 10 ADJ-A1 NoSubs
16 4 7 98 17 11.8 0.248 0.669 0.010 912. 298. -116.4 0.0280 0.48 0.21 3.49 243.0 10.0 287.5 2.0 0
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16 4 7 98 18 0.4 0.183 0.210 0.010 913. 189. -1517.7 0.0340 0.48 0.34 2.59 229.0 10.0 287.5 2.0 0
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0.00 92. 1007. 5 ADJ-A1 NoSubs
16 4 8 99 8 8.5 0.141 0.292 0.009 105. 128. -29.9 0.0340 0.48 0.24 1.79 239.0 10.0 287.0 2.0 0
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16 4 8 99 9 19.3 0.160 0.543 0.013 298. 154. -19.2 0.0340 0.48 0.18 1.96 219.0 10.0 287.5 2.0 0
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16 4 8 99 10 28.0 0.105 0.682 0.015 407. 82. -3.7 0.0230 0.48 0.17 1.16 203.0 10.0 288.1 2.0 0
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16 4 8 99 11 34.3 0.172 0.747 0.014 437. 171. -13.3 0.0230 0.48 0.16 2.20 196.0 10.0 289.2 2.0 0

0.00 83. 1007. 10 ADJ-A1 NoSubs
16 4 8 99 12 37.6 0.230 0.788 0.014 467. 264. -28.9 0.0230 0.48 0.16 3.12 197.0 10.0 289.2 2.0 0
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16 4 8 99 13 38.3 0.233 0.809 0.014 496. 270. -29.7 0.0340 0.48 0.16 2.95 222.0 10.0 290.4 2.0 0
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16 4 8 99 16 22.1 0.297 0.689 0.013 531. 392. -107.1 0.0340 0.48 0.18 4.03 220.0 10.0 287.5 2.0 0
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16 4 8 99 17 11.9 0.212 0.562 0.012 533. 238. -72.1 0.0340 0.48 0.21 2.83 220.0 10.0 287.5 2.0 0
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1.80 96. 1007. 10 ADJ-A1 NoSubs
16 4 8 99 20 -8.2 0.119 -9.000 -9.000 -999. 99. 18.5 0.0340 0.48 1.00 1.87 229.0 10.0 287.0 2.0 11
1.50 96. 1007. 10 ADJ-A1 NoSubs
16 4 8 99 21 -4.7 0.089 -9.000 -9.000 -999. 64. 13.5 0.0280 0.48 1.00 1.46 246.0 10.0 287.0 2.0 11
1.50 96. 1008. 10 ADJ-A1 NoSubs
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0.00 96. 1008. 10 ADJ-A1 NoSubs
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0.50 96. 1007. 10 ADJ-A1 NoSubs
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0.30 96. 1007. 10 ADJ-A1 NoSubs
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16 4 9 100 16 22.6 0.215 -9.000 -9.000 -999. 240. -39.5 0.0280 0.48 0.18 2.88 240.0 10.0 289.2 2.0 0
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16 4 9 100 21 -11.2 0.141 -9.000 -9.000 -999. 127. 22.3 0.0370 0.48 1.00 2.15 158.0 10.0 287.0 2.0 0
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16 4 9 100 22 -6.9 0.109 -9.000 -9.000 -999. 86. 16.7 0.0300 0.48 1.00 1.76 99.0 10.0 287.0 2.0 0
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16 4 9 100 24 -12.7 0.149 -9.000 -9.000 -999. 138. 24.4 0.0300 0.48 1.00 2.35 99.0 10.0 287.0 2.0 11
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16 4 10 101 4 -7.3 0.112 -9.000 -9.000 -999. 90. 17.4 0.0340 0.48 1.00 1.77 144.0 10.0 286.4 2.0 11
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16 4 10 101 6 -6.1 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.48 1.00 1.71 196.0 10.0 286.4 2.0 11
0.30 96. 1006. 10 ADJ-A1 NoSubs
16 4 10 101 7 -2.9 0.088 -9.000 -9.000 -999. 63. 21.7 0.0280 0.48 0.40 1.42 241.0 10.0 286.4 2.0 11
0.50 96. 1007. 10 ADJ-A1 NoSubs
16 4 10 101 8 8.9 0.092 0.430 0.005 321. 67. -7.9 0.0340 0.48 0.23 1.03 218.0 10.0 286.4 2.0 11
0.50 96. 1007. 10 ADJ-A1 NoSubs
16 4 10 101 9 19.5 0.125 0.590 0.006 377. 106. -9.0 0.0230 0.48 0.18 1.54 196.0 10.0 286.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
16 4 10 101 10 28.1 0.209 0.704 0.006 446. 229. -29.2 0.0340 0.48 0.17 2.64 210.0 10.0 286.4 2.0 11
0.30 96. 1008. 10 ADJ-A1 NoSubs
16 4 10 101 11 34.0 0.221 0.788 0.007 517. 249. -28.5 0.0230 0.48 0.16 3.00 205.0 10.0 285.9 2.0 11
0.50 96. 1008. 10 ADJ-A1 NoSubs
16 4 10 101 12 37.3 0.225 0.847 0.008 586. 256. -27.5 0.0230 0.48 0.16 3.05 202.0 10.0 286.4 2.0 11
0.50 96. 1008. 10 ADJ-A1 NoSubs
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0.00 93. 1008. 10 ADJ-A1 NoSubs
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0.30 96. 1008. 10 ADJ-A1 NoSubs
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16 4 10 101 16 22.1 0.234 0.778 0.008 764. 272. -52.2 0.0340 0.48 0.18 3.07 212.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
16 4 10 101 17 11.9 0.208 0.634 0.008 770. 227. -67.7 0.0340 0.48 0.21 2.76 217.0 10.0 285.9 2.0 0

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16 4 10 101 18 0.5 0.176 0.217 0.008 770. 178. -1028.3 0.0340 0.48 0.33 2.49 213.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
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0.00 96. 1009. 10 ADJ-A1 NoSubs
16 4 10 101 20 -7.7 0.115 -9.000 -9.000 -999. 93. 17.8 0.0340 0.48 1.00 1.81 220.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 4 10 101 21 -3.1 0.073 -9.000 -9.000 -999. 47. 11.4 0.0250 0.48 1.00 1.18 279.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 4 10 101 22 -2.2 0.065 -9.000 -9.000 -999. 39. 11.3 0.0280 0.48 1.00 0.92 268.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
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16 4 11 102 11 35.0 0.211 0.948 0.007 881. 232. -24.2 0.0230 0.48 0.16 2.83 191.0 10.0 289.2 2.0 0
0.00 80. 1014. 10 ADJ-A1 NoSubs
16 4 11 102 12 38.3 0.202 0.993 0.008 924. 217. -19.3 0.0370 0.48 0.16 2.42 174.0 10.0 289.9 2.0 0
0.00 72. 1014. 10 ADJ-A1 NoSubs
16 4 11 102 13 38.7 0.230 1.010 0.010 964. 265. -28.6 0.0230 0.48 0.16 3.13 203.0 10.0 289.9 2.0 0
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16 4 11 102 14 36.4 0.303 1.000 0.011 995. 400. -69.2 0.0340 0.48 0.16 4.03 227.0 10.0 290.4 2.0 0
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16 4 12 103 10 100.1 0.169 1.182 0.005 599. 167. -4.4 0.0370 0.48 0.17 1.72 155.0 10.0 288.8 2.0 0
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16 4 12 103 12 158.3 0.353 1.524 0.006 812. 503. -25.2 0.0230 0.48 0.16 4.75 202.0 10.0 290.4 2.0 0
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16 4 12 103 13 160.1 0.352 1.697 0.016 1109. 501. -24.7 0.0340 0.48 0.16 4.39 216.0 10.0 291.4 2.0 0
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0.00 60. 1017. 7 ADJ-A1 NoSubs
16 4 12 103 15 106.2 0.317 1.532 0.016 1230. 428. -27.1 0.0340 0.48 0.17 3.98 213.0 10.0 290.9 2.0 0
0.00 62. 1017. 7 ADJ-A1 NoSubs
16 4 12 103 16 81.6 0.305 1.410 0.015 1247. 405. -31.7 0.0340 0.48 0.18 3.88 223.0 10.0 290.4 2.0 0
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16 4 12 103 17 13.1 0.248 0.768 0.015 1249. 298. -105.5 0.0340 0.48 0.21 3.36 212.0 10.0 289.9 2.0 0
0.00 66. 1017. 10 ADJ-SFC NoSubs
16 4 12 103 18 14.8 0.274 0.799 0.015 1251. 343. -125.5 0.0280 0.48 0.32 3.86 244.0 10.0 288.1 2.0 0
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16 4 12 103 19 -17.8 0.182 -9.000 -9.000 -999. 189. 36.3 0.0280 0.48 0.70 2.86 244.0 10.0 286.4 2.0 0
0.00 77. 1017. 7 ADJ-SFC NoSubs
16 4 12 103 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 76. 1017. 0 ADJ-SFC NoSubs
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0.00 66. 1015. 0 ADJ-A1 NoSubs
16 4 13 104 16 97.7 0.216 1.480 0.008 1201. 257. -9.4 0.0370 0.48 0.18 2.42 166.0 10.0 289.9 2.0 0
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1.50 96. 1013. 10 ADJ-A1 NoSubs
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16 4 14 105 9 88.5 0.234 1.042 0.005 463. 271. -13.1 0.0230 0.48 0.18 2.98 209.0 10.0 286.4 2.0 0
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16 4 14 105 10 122.8 0.216 1.271 0.007 605. 241. -7.4 0.0370 0.48 0.17 2.35 174.0 10.0 288.8 2.0 0
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16 4 14 105 11 149.3 0.275 1.476 0.007 781. 346. -12.6 0.0230 0.48 0.16 3.49 204.0 10.0 289.2 2.0 0
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16 4 14 105 12 162.1 0.349 1.634 0.005 976. 495. -23.8 0.0370 0.48 0.16 4.27 179.0 10.0 290.4 2.0 0
0.00 57. 1015. 3 ADJ-A1 NoSubs
16 4 14 105 13 163.6 0.329 1.669 0.005 1030. 454. -19.7 0.0370 0.48 0.16 3.96 164.0 10.0 290.9 2.0 0
0.00 55. 1014. 3 ADJ-A1 NoSubs
16 4 14 105 14 37.0 0.252 1.021 0.005 1041. 306. -39.0 0.0230 0.48 0.16 3.49 182.0 10.0 290.9 2.0 0
0.00 53. 1014. 10 ADJ-A1 NoSubs
16 4 14 105 15 107.8 0.245 1.475 0.005 1076. 291. -12.3 0.0300 0.48 0.17 2.94 49.0 10.0 293.1 2.0 0
0.00 38. 1013. 7 ADJ-A1 NoSubs
16 4 14 105 16 102.2 0.291 1.462 0.005 1106. 378. -21.9 0.0360 0.48 0.18 3.56 330.0 10.0 292.5 2.0 0
0.00 39. 1013. 3 ADJ-A1 NoSubs
16 4 14 105 17 58.2 0.352 1.217 0.005 1122. 502. -67.9 0.0250 0.48 0.21 4.95 276.0 10.0 290.9 2.0 0
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16 4 14 105 18 11.9 0.326 0.717 0.005 1123. 447. -263.6 0.0250 0.48 0.32 4.78 271.0 10.0 288.8 2.0 0
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16 4 14 105 19 -26.1 0.268 -9.000 -9.000 -999. 334. 78.8 0.0280 0.48 0.68 4.14 265.0 10.0 286.4 2.0 0
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16 4 14 105 20 -24.2 0.243 -9.000 -9.000 -999. 288. 65.1 0.0280 0.48 1.00 3.78 263.0 10.0 285.4 2.0 0
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0.00 85. 1015. 0 ADJ-A1 NoSubs
16 4 15 106 8 46.7 0.122 0.801 0.007 398. 102. -3.5 0.0300 0.48 0.22 1.26 50.0 10.0 283.8 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
16 4 15 106 9 89.4 0.219 1.033 0.005 446. 245. -10.6 0.0340 0.48 0.18 2.52 143.0 10.0 286.4 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
16 4 15 106 10 123.8 0.165 1.225 0.005 538. 161. -3.3 0.0230 0.48 0.17 1.79 209.0 10.0 289.2 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
16 4 15 106 11 147.6 0.315 1.375 0.005 638. 425. -19.2 0.0370 0.48 0.16 3.78 178.0 10.0 289.9 2.0 0
0.00 55. 1014. 0 ADJ-A1 NoSubs
16 4 15 106 12 160.6 0.285 1.701 0.005 1109. 365. -13.0 0.0230 0.48 0.16 3.63 180.0 10.0 291.4 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
16 4 15 106 13 162.8 0.227 1.844 0.007 1394. 260. -6.5 0.0230 0.48 0.16 2.69 182.0 10.0 294.2 2.0 0
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16 4 15 106 14 153.4 0.337 1.873 0.007 1550. 469. -22.5 0.0360 0.48 0.16 4.12 347.0 10.0 295.9 2.0 0
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16 4 15 106 15 132.1 0.388 1.793 0.007 1578. 579. -39.9 0.0310 0.48 0.17 5.09 328.0 10.0 295.4 2.0 0
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16 4 15 106 16 100.5 0.411 1.641 0.006 1588. 632. -62.3 0.0310 0.48 0.17 5.53 324.0 10.0 295.4 2.0 0
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16 4 15 106 17 60.1 0.414 1.385 0.006 1594. 640. -106.5 0.0360 0.48 0.21 5.55 331.0 10.0 295.4 2.0 0
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16 4 15 106 18 13.9 0.304 0.850 0.006 1595. 409. -181.6 0.0360 0.48 0.32 4.14 331.0 10.0 293.8 2.0 0
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16 4 16 107 10 125.9 0.145 1.091 0.007 373. 133. -2.2 0.0300 0.48 0.17 1.40 116.0 10.0 293.8 2.0 0
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16 4 16 107 13 163.8 0.356 1.553 0.008 827. 509. -24.8 0.0340 0.48 0.16 4.44 229.0 10.0 295.4 2.0 0
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16 4 16 107 14 153.8 0.367 1.602 0.009 968. 533. -29.0 0.0340 0.48 0.16 4.63 238.0 10.0 295.4 2.0 0
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16 4 16 107 15 132.8 0.314 1.591 0.009 1096. 423. -21.0 0.0340 0.48 0.16 3.86 237.0 10.0 295.9 2.0 0
0.00 33. 1012. 0 ADJ-A1 NoSubs
16 4 16 107 16 100.7 0.258 1.486 0.009 1178. 316. -15.4 0.0230 0.48 0.17 3.34 202.0 10.0 294.2 2.0 0
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0.00 76. 1012. 0 ADJ-A1 NoSubs
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0.00 85. 1011. 0 ADJ-A1 NoSubs
16 4 17 108 7 3.5 0.102 0.119 0.016 17. 78. -27.0 0.0310 0.48 0.36 1.30 310.0 10.0 286.4 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
16 4 17 108 8 49.9 0.173 0.621 0.015 172. 172. -9.3 0.0270 0.48 0.22 2.06 62.0 10.0 289.2 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
16 4 17 108 9 92.9 0.218 0.867 0.012 253. 244. -10.0 0.0270 0.48 0.18 2.62 80.0 10.0 293.1 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
16 4 17 108 10 127.8 0.241 1.051 0.009 328. 284. -9.9 0.0300 0.48 0.17 2.83 55.0 10.0 297.0 2.0 0
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16 4 17 108 12 165.1 0.308 1.387 0.005 583. 409. -15.9 0.0340 0.48 0.16 3.69 128.0 10.0 300.4 2.0 0
0.00 33. 1010. 0 ADJ-A1 NoSubs
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16 4 17 108 15 133.6 0.380 1.613 0.008 1134. 562. -36.9 0.0340 0.48 0.16 4.87 238.0 10.0 296.4 2.0 0
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0.00 30. 1010. 0 ADJ-A1 NoSubs
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16 4 18 109 12 166.0 0.171 1.446 0.005 658. 169. -2.7 0.0370 0.48 0.16 1.62 165.0 10.0 300.9 2.0 0
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16 4 18 109 17 61.9 0.244 1.317 0.006 1331. 290. -21.0 0.0340 0.48 0.21 3.00 233.0 10.0 295.4 2.0 0
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16 4 20 111 12 165.0 0.285 1.498 0.005 735. 365. -12.6 0.0230 0.48 0.16 3.62 203.0 10.0 295.4 2.0 0
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16 4 20 111 13 165.5 0.365 1.594 0.005 882. 530. -26.5 0.0340 0.48 0.16 4.58 227.0 10.0 293.8 2.0 0
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16 4 20 111 15 134.3 0.369 1.603 0.005 1105. 538. -33.7 0.0340 0.48 0.16 4.71 228.0 10.0 293.8 2.0 0
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16 4 21 112 10 31.4 0.162 0.813 0.005 614. 157. -12.3 0.0230 0.48 0.17 2.06 192.0 10.0 290.9 2.0 0
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16 4 21 112 11 124.5 0.244 1.462 0.006 903. 290. -10.5 0.0230 0.48 0.16 3.05 197.0 10.0 292.0 2.0 0
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16 4 21 112 12 167.0 0.290 1.731 0.006 1118. 375. -13.1 0.0340 0.48 0.16 3.42 217.0 10.0 292.5 2.0 0
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0.00 60. 1016. 5 ADJ-A1 NoSubs
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0.00 60. 1015. 0 ADJ-A1 NoSubs
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16 5 1 122 4 -6.8 0.108 -9.000 -9.000 -999. 85. 16.3 0.0300 0.48 1.00 1.74 16.0 10.0 282.5 2.0 0
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0.00 52. 1006. 0 ADJ-A1 NoSubs
16 5 1 122 13 170.5 0.398 1.918 0.005 1488. 608. -33.3 0.0280 0.48 0.16 5.27 253.0 10.0 292.5 2.0 0
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16 5 1 122 16 107.6 0.318 1.925 0.007 2388. 431. -26.8 0.0280 0.48 0.17 4.14 258.0 10.0 290.9 2.0 0
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16 5 1 122 17 67.7 0.250 1.664 0.007 2448. 302. -20.8 0.0280 0.48 0.20 3.20 249.0 10.0 290.4 2.0 0
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16 5 1 122 18 22.2 0.238 1.148 0.007 2451. 278. -54.3 0.0340 0.48 0.28 3.12 238.0 10.0 289.2 2.0 0
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16 5 1 122 21 -4.0 0.081 -9.000 -9.000 -999. 57. 12.2 0.0230 0.48 1.00 1.37 206.0 10.0 284.9 2.0 0
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16 5 1 122 22 -2.3 0.065 -9.000 -9.000 -999. 40. 11.1 0.0250 0.48 1.00 0.97 298.0 10.0 284.2 2.0 0
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16 5 2 123 2 -6.5 0.104 -9.000 -9.000 -999. 81. 15.8 0.0280 0.48 1.00 1.71 252.0 10.0 285.4 2.0 0

0.00 89. 1010. 10 ADJ-A1 NoSubs
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0.00 85. 1012. 10 ADJ-A1 NoSubs
16 5 2 123 7 2.2 0.124 0.166 0.018 75. 105. -79.6 0.0360 0.48 0.30 1.65 335.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
16 5 2 123 8 13.8 0.121 0.420 0.019 193. 101. -11.6 0.0280 0.48 0.20 1.47 268.0 10.0 286.4 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
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0.00 77. 1012. 10 ADJ-A1 NoSubs
16 5 2 123 10 138.0 0.225 1.046 0.015 300. 256. -7.5 0.0340 0.48 0.16 2.50 227.0 10.0 289.2 2.0 0
0.00 74. 1012. 3 ADJ-A1 NoSubs
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16 5 2 123 12 169.6 0.401 1.310 0.007 479. 609. -34.3 0.0340 0.48 0.16 5.12 230.0 10.0 290.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
16 5 2 123 13 170.2 0.408 1.352 0.007 525. 624. -35.9 0.0340 0.48 0.16 5.22 230.0 10.0 289.9 2.0 0
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0.00 72. 1012. 3 ADJ-A1 NoSubs
16 5 2 123 15 33.4 0.400 0.838 0.007 634. 606. -172.4 0.0340 0.48 0.16 5.50 231.0 10.0 288.8 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
16 5 2 123 16 25.1 0.390 0.766 0.007 646. 584. -212.7 0.0340 0.48 0.17 5.39 238.0 10.0 286.4 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 5 2 123 17 15.2 0.286 0.652 0.007 657. 374. -139.0 0.0280 0.48 0.20 4.05 242.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 5 2 123 18 3.8 0.235 0.410 0.006 658. 274. -307.9 0.0340 0.48 0.28 3.27 224.0 10.0 285.9 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 5 2 123 19 -13.5 0.160 -9.000 -9.000 -999. 155. 28.0 0.0340 0.48 0.55 2.44 215.0 10.0 285.9 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 5 2 123 20 -9.6 0.129 -9.000 -9.000 -999. 111. 20.1 0.0340 0.48 1.00 2.01 215.0 10.0 285.4 2.0 0
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16 5 2 123 21 -4.9 0.091 -9.000 -9.000 -999. 66. 14.0 0.0340 0.48 1.00 1.45 211.0 10.0 285.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
16 5 2 123 22 -2.6 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.48 1.00 1.08 201.0 10.0 285.9 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
16 5 2 123 23 -2.1 0.064 -9.000 -9.000 -999. 39. 11.3 0.0270 0.48 1.00 0.92 64.0 10.0 285.9 2.0 0
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16 5 2 123 24 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0370 0.48 1.00 1.37 177.0 10.0 285.4 2.0 0
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16 5 3 124 1 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0370 0.48 1.00 1.14 174.0 10.0 285.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
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16 5 3 124 7 2.4 0.134 0.218 0.020 156. 118. -91.9 0.0230 0.48 0.30 1.94 201.0 10.0 285.4 2.0 0
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16 5 3 124 11 158.5 0.247 1.371 0.021 586. 294. -8.5 0.0340 0.48 0.16 2.78 219.0 10.0 290.4 2.0 0
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0.00 62. 1010. 0 ADJ-A1 NoSubs
16 5 3 124 13 171.2 0.303 1.427 0.016 612. 400. -14.6 0.0230 0.48 0.16 3.90 198.0 10.0 292.0 2.0 0
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16 5 3 124 14 160.9 0.343 1.407 0.014 624. 482. -22.6 0.0230 0.48 0.16 4.58 182.0 10.0 291.4 2.0 0
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16 5 3 124 15 140.1 0.269 1.351 0.012 635. 337. -12.5 0.0230 0.48 0.16 3.41 192.0 10.0 292.5 2.0 0
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16 5 3 124 16 108.3 0.315 1.246 0.011 642. 425. -26.0 0.0370 0.48 0.17 3.88 171.0 10.0 290.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
16 5 3 124 17 72.1 0.282 1.090 0.010 647. 360. -27.9 0.0370 0.48 0.20 3.49 174.0 10.0 289.2 2.0 0
0.00 74. 1008. 3 ADJ-A1 NoSubs
16 5 3 124 18 22.7 0.306 0.742 0.010 647. 406. -113.6 0.0370 0.48 0.28 4.09 166.0 10.0 286.4 2.0 0
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16 5 3 124 19 -12.2 0.173 -9.000 -9.000 -999. 183. 37.8 0.0300 0.48 0.54 2.67 117.0 10.0 285.4 2.0 0
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16 5 3 124 20 -18.1 0.183 -9.000 -9.000 -999. 187. 36.6 0.0340 0.48 1.00 2.78 123.0 10.0 284.9 2.0 0
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16 5 4 125 1 -7.2 0.110 -9.000 -9.000 -999. 88. 16.7 0.0270 0.48 1.00 1.81 80.0 10.0 284.9 2.0 0
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16 5 4 125 9 24.0 0.166 0.648 0.023 406. 162. -17.1 0.0270 0.48 0.17 2.10 73.0 10.0 285.4 2.0 0
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16 5 4 125 10 32.2 0.245 0.779 0.024 528. 292. -41.2 0.0230 0.48 0.16 3.41 182.0 10.0 285.9 2.0 0
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16 5 4 125 11 37.8 0.236 0.828 0.024 539. 276. -31.4 0.0340 0.48 0.16 3.00 223.0 10.0 285.9 2.0 0
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16 5 4 125 12 41.1 0.282 0.858 0.023 553. 359. -49.0 0.0340 0.48 0.16 3.68 230.0 10.0 288.1 2.0 0
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16 5 4 125 13 41.6 0.253 0.868 0.023 565. 305. -34.8 0.0340 0.48 0.16 3.23 233.0 10.0 289.2 2.0 0
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16 5 4 125 14 155.7 0.319 1.366 0.022 589. 432. -18.7 0.0340 0.48 0.16 3.88 212.0 10.0 289.9 2.0 0
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16 5 4 125 15 136.1 0.355 1.319 0.020 605. 507. -29.4 0.0340 0.48 0.16 4.48 219.0 10.0 289.9 2.0 0
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16 5 4 125 16 25.7 0.354 0.758 0.020 608. 505. -154.4 0.0340 0.48 0.17 4.85 231.0 10.0 288.1 2.0 0
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16 5 4 125 17 15.7 0.339 0.644 0.019 610. 475. -223.5 0.0340 0.48 0.20 4.70 220.0 10.0 287.5 2.0 0
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16 5 4 125 18 4.3 0.264 0.419 0.019 610. 328. -382.9 0.0340 0.48 0.28 3.69 222.0 10.0 287.0 2.0 0
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16 5 4 125 19 -15.4 0.232 -9.000 -9.000 -999. 269. 73.2 0.0340 0.48 0.54 3.47 230.0 10.0 285.9 2.0 0
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16 5 4 125 20 -18.0 0.183 -9.000 -9.000 -999. 188. 36.6 0.0340 0.48 1.00 2.78 234.0 10.0 285.9 2.0 0
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16 5 4 125 21 -12.7 0.148 -9.000 -9.000 -999. 137. 24.2 0.0280 0.48 1.00 2.37 246.0 10.0 285.9 2.0 0
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16 5 5 126 1 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0280 0.48 1.00 1.69 258.0 10.0 285.4 2.0 0
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0.00 83. 1006. 10 ADJ-A1 NoSubs
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0.00 86. 1006. 10 ADJ-A1 NoSubs
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0.00 83. 1006. 10 ADJ-A1 NoSubs
16 5 5 126 8 14.4 0.123 0.572 0.005 465. 103. -11.5 0.0340 0.48 0.20 1.43 127.0 10.0 287.1 2.0 0
0.00 81. 1006. 10 ADJ-A1 NoSubs
16 5 5 126 9 25.0 0.152 0.707 0.005 507. 142. -12.6 0.0230 0.48 0.17 1.93 184.0 10.0 289.2 2.0 0
0.00 71. 1006. 10 ADJ-A1 NoSubs
16 5 5 126 10 139.9 0.324 1.407 0.005 715. 442. -21.7 0.0230 0.48 0.16 4.31 201.0 10.0 290.9 2.0 0
0.00 67. 1006. 3 ADJ-A1 NoSubs
16 5 5 126 11 154.7 0.383 1.692 0.014 1126. 570. -32.7 0.0340 0.48 0.16 4.88 224.0 10.0 291.4 2.0 0

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16 5 5 126 12 165.3 0.448 1.792 0.015 1251. 718. -48.7 0.0340 0.48 0.16 5.84 213.0 10.0 291.4 2.0 0
0.00 67. 1006. 5 ADJ-A1 NoSubs
16 5 5 126 13 41.7 0.409 1.134 0.014 1258. 629. -147.4 0.0340 0.48 0.16 5.60 230.0 10.0 289.2 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
16 5 5 126 14 39.1 0.423 1.113 0.014 1264. 660. -173.5 0.0340 0.48 0.16 5.82 229.0 10.0 289.2 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
16 5 5 126 15 34.1 0.411 1.064 0.014 1266. 634. -183.1 0.0340 0.48 0.16 5.67 231.0 10.0 290.4 2.0 0
0.00 72. 1006. 10 ADJ-A1 NoSubs
16 5 5 126 16 26.2 0.330 0.975 0.014 1267. 459. -122.6 0.0280 0.48 0.17 4.65 240.0 10.0 289.9 2.0 0
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16 5 5 126 17 16.0 0.277 0.826 0.014 1268. 352. -120.0 0.0280 0.48 0.20 3.91 259.0 10.0 288.1 2.0 0
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16 5 5 126 18 24.6 0.261 0.954 0.014 1269. 319. -64.7 0.0280 0.48 0.28 3.58 250.0 10.0 287.5 2.0 0
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16 5 5 126 19 -15.5 0.188 -9.000 -9.000 -999. 197. 38.7 0.0340 0.48 0.53 2.84 226.0 10.0 287.0 2.0 0
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16 5 5 126 20 -6.2 0.103 -9.000 -9.000 -999. 82. 15.9 0.0340 0.48 1.00 1.64 231.0 10.0 286.4 2.0 0
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16 5 5 126 21 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0280 0.48 1.00 1.47 260.0 10.0 286.4 2.0 0
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16 5 5 126 22 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0340 0.48 1.00 1.25 216.0 10.0 286.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
16 5 5 126 23 -2.5 0.067 -9.000 -9.000 -999. 42. 11.0 0.0250 0.48 1.00 1.03 283.0 10.0 285.9 2.0 0
0.00 92. 1006. 3 ADJ-A1 NoSubs
16 5 5 126 24 -4.1 0.084 -9.000 -9.000 -999. 58. 12.7 0.0280 0.48 1.00 1.37 266.0 10.0 286.4 2.0 0
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16 5 6 127 1 -3.4 0.076 -9.000 -9.000 -999. 51. 11.9 0.0280 0.48 1.00 1.23 250.0 10.0 286.4 2.0 0
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16 5 6 127 2 -6.3 0.104 -9.000 -9.000 -999. 81. 16.0 0.0340 0.48 1.00 1.65 231.0 10.0 285.9 2.0 0
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16 5 6 127 3 -3.5 0.078 -9.000 -9.000 -999. 52. 12.2 0.0340 0.48 1.00 1.21 236.0 10.0 285.9 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
16 5 6 127 4 -3.4 0.076 -9.000 -9.000 -999. 51. 11.9 0.0280 0.48 1.00 1.23 258.0 10.0 286.4 2.0 0
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0.00 92. 1005. 10 ADJ-A1 NoSubs
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16 5 6 127 7 3.1 0.090 0.309 0.006 339. 65. -20.9 0.0270 0.48 0.29 1.16 66.0 10.0 286.4 2.0 0
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16 5 6 127 8 14.6 0.157 0.526 0.006 356. 150. -23.9 0.0230 0.48 0.20 2.11 185.0 10.0 287.0 2.0 0
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16 5 6 127 9 24.7 0.273 0.642 0.005 384. 342. -73.6 0.0370 0.48 0.17 3.58 175.0 10.0 287.5 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
16 5 6 127 10 32.8 0.326 0.725 0.005 417. 446. -94.6 0.0340 0.48 0.16 4.39 211.0 10.0 287.5 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
16 5 6 127 11 38.3 0.314 0.785 0.005 453. 423. -72.8 0.0340 0.48 0.16 4.19 216.0 10.0 287.5 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
16 5 6 127 12 40.8 0.261 0.822 0.005 488. 322. -39.3 0.0340 0.48 0.16 3.37 227.0 10.0 285.9 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
16 5 6 127 13 40.9 0.178 0.840 0.005 521. 182. -12.3 0.0340 0.48 0.16 2.08 212.0 10.0 285.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
16 5 6 127 14 38.3 0.159 0.838 0.005 550. 153. -9.5 0.0340 0.48 0.16 1.82 222.0 10.0 285.4 2.0 11

2.30 96. 1007. 10 ADJ-A1 NoSubs
16 5 6 127 15 33.2 0.142 0.813 0.005 580. 129. -7.8 0.0340 0.48 0.16 1.59 210.0 10.0 285.9 2.0 11
0.80 96. 1006. 10 ADJ-A1 NoSubs
16 5 6 127 16 25.4 0.206 0.781 0.005 671. 225. -31.0 0.0340 0.48 0.17 2.62 219.0 10.0 285.9 2.0 11
0.30 92. 1006. 10 ADJ-A1 NoSubs
16 5 6 127 17 15.7 0.193 0.682 0.005 723. 204. -41.3 0.0340 0.48 0.19 2.50 216.0 10.0 286.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
16 5 6 127 18 4.4 0.123 0.447 0.005 734. 105. -38.7 0.0340 0.48 0.27 1.59 238.0 10.0 285.9 2.0 0
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16 5 6 127 19 -5.3 0.099 -9.000 -9.000 -999. 75. 16.2 0.0230 0.48 0.52 1.67 197.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
16 5 6 127 20 -3.1 0.073 -9.000 -9.000 -999. 47. 11.2 0.0230 0.48 1.00 1.20 192.0 10.0 284.9 2.0 0
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16 5 6 127 21 -10.0 0.132 -9.000 -9.000 -999. 115. 20.7 0.0340 0.48 1.00 2.06 123.0 10.0 285.4 2.0 0
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16 5 7 128 3 -2.5 0.068 -9.000 -9.000 -999. 43. 11.2 0.0280 0.48 1.00 1.03 268.0 10.0 285.9 2.0 0
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16 5 7 128 6 -3.0 0.074 -9.000 -9.000 -999. 49. 12.2 0.0310 0.48 0.57 1.18 303.0 10.0 285.9 2.0 0
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0.00 89. 1009. 10 ADJ-A1 NoSubs
16 5 7 128 8 14.7 0.103 0.566 0.005 442. 79. -6.7 0.0300 0.48 0.20 1.16 106.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
16 5 7 128 9 24.9 0.159 0.717 0.005 532. 152. -14.5 0.0340 0.48 0.17 1.89 143.0 10.0 287.5 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
16 5 7 128 10 33.0 0.184 0.834 0.005 632. 190. -17.1 0.0340 0.48 0.16 2.23 217.0 10.0 288.1 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
16 5 7 128 11 38.6 0.154 0.922 0.006 732. 145. -8.6 0.0340 0.48 0.16 1.74 224.0 10.0 288.1 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
16 5 7 128 12 41.6 0.242 0.968 0.006 785. 285. -30.6 0.0280 0.48 0.16 3.18 249.0 10.0 288.8 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
16 5 7 128 13 174.1 0.323 1.630 0.006 897. 441. -17.5 0.0280 0.48 0.16 4.07 248.0 10.0 288.8 2.0 0
0.00 74. 1009. 3 ADJ-A1 NoSubs
16 5 7 128 14 39.2 0.325 1.000 0.006 918. 445. -79.1 0.0280 0.48 0.16 4.51 240.0 10.0 288.8 2.0 0
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16 5 7 128 15 33.9 0.285 0.959 0.006 936. 365. -61.1 0.0340 0.48 0.16 3.76 236.0 10.0 288.8 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
16 5 7 128 16 26.2 0.246 0.886 0.006 955. 294. -51.2 0.0280 0.48 0.17 3.34 241.0 10.0 288.8 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
16 5 7 128 17 16.4 0.279 0.761 0.006 967. 354. -119.8 0.0340 0.48 0.19 3.80 234.0 10.0 288.8 2.0 0

0.00 77. 1009. 10 ADJ-A1 NoSubs
16 5 7 128 18 4.8 0.222 0.507 0.006 970. 253. -204.1 0.0280 0.48 0.27 3.18 245.0 10.0 287.5 2.0 0
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16 5 7 128 19 -13.1 0.163 -9.000 -9.000 -999. 159. 29.7 0.0280 0.48 0.52 2.57 254.0 10.0 287.0 2.0 0
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16 5 7 128 20 -9.2 0.125 -9.000 -9.000 -999. 107. 19.3 0.0280 0.48 1.00 2.03 266.0 10.0 286.4 2.0 0
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16 5 7 128 21 -4.1 0.083 -9.000 -9.000 -999. 57. 12.5 0.0250 0.48 1.00 1.38 284.0 10.0 285.9 2.0 0
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16 5 7 128 22 -5.6 0.097 -9.000 -9.000 -999. 72. 14.5 0.0250 0.48 1.00 1.62 299.0 10.0 285.4 2.0 0
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16 5 7 128 23 -2.9 0.071 -9.000 -9.000 -999. 45. 11.2 0.0250 0.48 1.00 1.13 291.0 10.0 284.9 2.0 0
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16 5 7 128 24 -3.1 0.073 -9.000 -9.000 -999. 47. 11.3 0.0250 0.48 1.00 1.18 292.0 10.0 284.2 2.0 0
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16 5 8 129 1 -8.2 0.118 -9.000 -9.000 -999. 98. 18.2 0.0310 0.48 1.00 1.89 307.0 10.0 284.2 2.0 0
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16 5 8 129 2 -10.0 0.131 -9.000 -9.000 -999. 114. 20.3 0.0310 0.48 1.00 2.08 310.0 10.0 283.8 2.0 0
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16 5 8 129 3 -6.1 0.102 -9.000 -9.000 -999. 78. 15.4 0.0310 0.48 1.00 1.64 306.0 10.0 283.1 2.0 0
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16 5 8 129 7 3.1 0.087 -9.000 -9.000 -999. 62. -19.0 0.0250 0.48 0.29 1.13 296.0 10.0 284.9 2.0 0
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16 5 8 129 20 -4.7 0.090 -9.000 -9.000 -999. 69. 13.8 0.0340 0.48 1.00 1.43 225.0 10.0 285.9 2.0 0

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16 5 8 129 21 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.48 1.00 1.74 205.0 10.0 285.4 2.0 0
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16 5 8 129 22 -2.9 0.072 -9.000 -9.000 -999. 46. 11.4 0.0280 0.48 1.00 1.13 240.0 10.0 285.9 2.0 0
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16 5 8 129 23 -2.3 0.066 -9.000 -9.000 -999. 41. 11.2 0.0280 0.48 1.00 0.97 269.0 10.0 286.4 2.0 0
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16 5 8 129 24 -6.3 0.103 -9.000 -9.000 -999. 80. 15.9 0.0340 0.48 1.00 1.64 226.0 10.0 285.9 2.0 0
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16 5 9 130 1 -7.8 0.116 -9.000 -9.000 -999. 94. 17.9 0.0340 0.48 1.00 1.82 221.0 10.0 285.9 2.0 0
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16 5 9 130 3 -15.0 0.163 -9.000 -9.000 -999. 158. 29.2 0.0340 0.48 1.00 2.50 211.0 10.0 285.4 2.0 0
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16 5 9 130 4 -4.3 0.084 -9.000 -9.000 -999. 61. 12.6 0.0230 0.48 1.00 1.43 189.0 10.0 285.4 2.0 0
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16 5 9 130 5 -10.2 0.134 -9.000 -9.000 -999. 117. 21.0 0.0370 0.48 1.00 2.05 154.0 10.0 285.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
16 5 9 130 6 -7.3 0.114 -9.000 -9.000 -999. 92. 18.3 0.0230 0.48 0.55 1.91 180.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 5 9 130 7 3.4 0.145 0.300 0.008 288. 132. -80.8 0.0230 0.48 0.28 2.08 201.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
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0.00 92. 1010. 10 ADJ-A1 NoSubs
16 5 9 130 9 24.7 0.191 0.629 0.009 363. 200. -25.4 0.0230 0.48 0.17 2.57 204.0 10.0 285.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 5 9 130 10 33.0 0.202 0.726 0.010 417. 218. -22.5 0.0340 0.48 0.16 2.50 238.0 10.0 287.1 2.0 0
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16 5 9 130 11 38.6 0.205 0.797 0.011 471. 222. -20.0 0.0280 0.48 0.16 2.61 263.0 10.0 287.5 2.0 0
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16 5 9 130 12 41.6 0.197 0.846 0.011 524. 210. -16.6 0.0340 0.48 0.16 2.38 225.0 10.0 288.1 2.0 0
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16 5 9 130 13 42.0 0.277 0.874 0.011 573. 351. -45.8 0.0340 0.48 0.16 3.61 217.0 10.0 289.2 2.0 0
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16 5 9 130 14 132.3 0.344 1.372 0.014 704. 483. -27.6 0.0340 0.48 0.16 4.32 223.0 10.0 289.2 2.0 0
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16 5 9 130 15 34.2 0.326 0.885 0.015 728. 447. -91.2 0.0340 0.48 0.16 4.39 223.0 10.0 289.2 2.0 0
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16 5 9 130 16 26.1 0.344 0.812 0.015 737. 484. -139.9 0.0340 0.48 0.17 4.70 218.0 10.0 287.5 2.0 0
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16 5 9 130 17 16.2 0.297 0.695 0.015 743. 390. -145.7 0.0340 0.48 0.19 4.07 215.0 10.0 287.0 2.0 0
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16 5 9 130 18 4.8 0.268 0.463 0.015 745. 333. -361.2 0.0340 0.48 0.27 3.74 223.0 10.0 285.9 2.0 0
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0.00 96. 1010. 10 ADJ-A1 NoSubs
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16 5 10 131 1 -5.6 0.096 -9.000 -9.000 -999. 72. 14.3 0.0230 0.48 1.00 1.64 188.0 10.0 284.2 2.0 0
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16 5 10 131 2 -9.4 0.126 -9.000 -9.000 -999. 107. 19.0 0.0230 0.48 1.00 2.10 189.0 10.0 284.2 2.0 0
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16 5 10 131 3 -3.0 0.072 -9.000 -9.000 -999. 47. 11.2 0.0230 0.48 1.00 1.18 208.0 10.0 284.2 2.0 0
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0.00 92. 1009. 10 ADJ-A1 NoSubs
16 5 10 131 5 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0340 0.48 1.00 1.30 230.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 5 10 131 6 -4.7 0.091 -9.000 -9.000 -999. 65. 14.3 0.0230 0.48 0.55 1.54 192.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 5 10 131 7 3.3 0.086 0.239 0.012 148. 61. -17.3 0.0250 0.48 0.28 1.11 277.0 10.0 284.2 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 5 10 131 8 14.7 0.083 0.462 0.015 241. 57. -3.5 0.0360 0.48 0.20 0.82 346.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 5 10 131 9 24.8 0.118 0.619 0.015 345. 98. -6.0 0.0340 0.48 0.17 1.28 215.0 10.0 285.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 5 10 131 10 33.0 0.118 0.743 0.015 448. 97. -4.5 0.0340 0.48 0.16 1.23 135.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 5 10 131 11 39.0 0.210 0.826 0.017 520. 231. -21.3 0.0230 0.48 0.16 2.79 191.0 10.0 288.8 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
16 5 10 131 12 41.8 0.270 0.851 0.017 530. 337. -42.5 0.0230 0.48 0.16 3.76 209.0 10.0 288.8 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
16 5 10 131 13 42.0 0.319 0.857 0.016 540. 432. -69.6 0.0340 0.48 0.16 4.24 221.0 10.0 288.8 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
16 5 10 131 14 39.2 0.345 0.842 0.016 549. 486. -94.4 0.0340 0.48 0.16 4.65 219.0 10.0 287.5 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
16 5 10 131 15 34.1 0.347 0.808 0.015 557. 490. -110.1 0.0340 0.48 0.16 4.70 225.0 10.0 288.1 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
16 5 10 131 16 26.1 0.336 0.742 0.015 563. 468. -131.2 0.0340 0.48 0.17 4.59 228.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
16 5 10 131 17 16.3 0.263 0.636 0.015 567. 327. -100.6 0.0340 0.48 0.19 3.56 232.0 10.0 287.0 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
16 5 10 131 18 4.9 0.221 0.427 0.015 567. 250. -197.3 0.0340 0.48 0.27 3.05 220.0 10.0 285.9 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
16 5 10 131 19 -15.6 0.198 -9.000 -9.000 -999. 211. 44.6 0.0340 0.48 0.50 2.98 224.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 5 10 131 20 -11.8 0.143 -9.000 -9.000 -999. 131. 22.6 0.0340 0.48 1.00 2.22 221.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 5 10 131 21 -8.0 0.117 -9.000 -9.000 -999. 96. 18.1 0.0340 0.48 1.00 1.84 222.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 5 10 131 22 -2.7 0.069 -9.000 -9.000 -999. 44. 11.0 0.0230 0.48 1.00 1.11 181.0 10.0 285.4 2.0 0
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16 5 10 131 23 -4.3 0.085 -9.000 -9.000 -999. 60. 13.2 0.0340 0.48 1.00 1.35 128.0 10.0 285.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 5 10 131 24 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.48 1.00 1.31 195.0 10.0 284.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 5 11 132 1 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0340 0.48 1.00 1.23 218.0 10.0 284.9 2.0 0
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16 5 11 132 2 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.48 1.00 1.25 173.0 10.0 284.9 2.0 0

0.00 96. 1011. 10 ADJ-A1 NoSubs
16 5 11 132 3 -3.3 0.076 -9.000 -9.000 -999. 51. 12.1 0.0340 0.48 1.00 1.18 210.0 10.0 284.9 2.0 0
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16 5 11 132 4 -5.2 0.094 -9.000 -9.000 -999. 70. 14.5 0.0340 0.48 1.00 1.50 229.0 10.0 284.2 2.0 0
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16 5 11 132 5 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.48 1.00 1.59 205.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 5 11 132 6 -6.2 0.105 -9.000 -9.000 -999. 82. 16.8 0.0230 0.48 0.54 1.77 189.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 5 11 132 7 3.5 0.101 0.240 0.024 143. 77. -26.9 0.0230 0.48 0.28 1.37 200.0 10.0 284.2 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 8 14.9 0.121 0.476 0.029 260. 101. -10.7 0.0340 0.48 0.20 1.40 139.0 10.0 285.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 9 25.0 0.124 0.605 0.030 319. 105. -6.9 0.0280 0.48 0.17 1.43 249.0 10.0 285.9 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 10 33.1 0.156 0.675 0.029 336. 147. -10.3 0.0340 0.48 0.16 1.79 227.0 10.0 286.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 11 38.8 0.189 0.726 0.029 355. 198. -15.8 0.0340 0.48 0.16 2.27 232.0 10.0 287.5 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
16 5 11 132 12 42.0 0.273 0.759 0.028 375. 342. -43.6 0.0340 0.48 0.16 3.54 224.0 10.0 289.2 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 13 42.3 0.298 0.774 0.027 394. 390. -56.4 0.0340 0.48 0.16 3.92 217.0 10.0 289.9 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 14 39.5 0.340 0.780 0.025 433. 477. -90.0 0.0340 0.48 0.16 4.58 211.0 10.0 288.8 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 15 34.2 0.324 0.758 0.026 459. 443. -89.9 0.0340 0.48 0.16 4.36 223.0 10.0 288.1 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 16 26.3 0.314 0.698 0.026 464. 423. -106.5 0.0340 0.48 0.17 4.26 236.0 10.0 287.5 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
16 5 11 132 17 16.6 0.254 0.599 0.026 468. 308. -88.7 0.0340 0.48 0.19 3.41 231.0 10.0 287.5 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
16 5 11 132 18 5.3 0.210 0.410 0.026 469. 232. -159.1 0.0340 0.48 0.27 2.89 223.0 10.0 287.0 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 5 11 132 19 -14.2 0.184 -9.000 -9.000 -999. 190. 39.7 0.0340 0.48 0.50 2.79 234.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 5 11 132 20 -9.7 0.130 -9.000 -9.000 -999. 113. 20.3 0.0340 0.48 1.00 2.03 212.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 5 11 132 21 -7.3 0.112 -9.000 -9.000 -999. 90. 17.3 0.0340 0.48 1.00 1.77 229.0 10.0 285.9 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 22 -6.3 0.103 -9.000 -9.000 -999. 80. 15.9 0.0340 0.48 1.00 1.64 216.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 23 -11.1 0.137 -9.000 -9.000 -999. 121. 20.9 0.0230 0.48 1.00 2.27 208.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 5 11 132 24 -8.3 0.118 -9.000 -9.000 -999. 97. 17.8 0.0230 0.48 1.00 1.98 198.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 1 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.48 1.00 1.59 189.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 2 -2.8 0.070 -9.000 -9.000 -999. 45. 11.3 0.0280 0.48 1.00 1.09 245.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 3 -6.8 0.108 -9.000 -9.000 -999. 86. 16.8 0.0370 0.48 1.00 1.69 172.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 4 -5.9 0.100 -9.000 -9.000 -999. 76. 15.2 0.0300 0.48 1.00 1.62 111.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 5 -2.7 0.070 -9.000 -9.000 -999. 44. 11.6 0.0340 0.48 1.00 1.03 128.0 10.0 284.9 2.0 0

0.00 96. 1012. 10 ADJ-A1 NoSubs
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0.00 96. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 7 3.7 0.139 0.285 0.028 225. 124. -64.8 0.0340 0.48 0.28 1.84 140.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
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0.00 92. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 9 25.1 0.099 0.635 0.031 367. 75. -3.5 0.0230 0.48 0.17 1.09 203.0 10.0 285.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 5 12 133 10 33.1 0.180 0.738 0.031 438. 183. -15.8 0.0230 0.48 0.16 2.33 183.0 10.0 286.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 5 12 133 11 38.8 0.192 0.807 0.031 490. 202. -16.5 0.0230 0.48 0.16 2.50 188.0 10.0 287.0 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
16 5 12 133 12 41.7 0.236 0.831 0.031 496. 275. -28.3 0.0230 0.48 0.16 3.20 198.0 10.0 287.5 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 13 41.9 0.276 0.836 0.030 503. 347. -45.2 0.0230 0.48 0.16 3.85 203.0 10.0 287.5 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 14 39.4 0.258 0.822 0.029 509. 314. -39.2 0.0230 0.48 0.16 3.57 202.0 10.0 287.5 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 15 34.3 0.241 0.788 0.029 514. 285. -37.1 0.0340 0.48 0.16 3.10 211.0 10.0 288.1 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
16 5 12 133 16 26.7 0.254 0.727 0.029 519. 308. -55.4 0.0230 0.48 0.17 3.59 208.0 10.0 288.8 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
16 5 12 133 17 17.0 0.253 0.627 0.028 521. 305. -85.6 0.0230 0.48 0.19 3.64 203.0 10.0 288.8 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
16 5 12 133 18 5.4 0.277 0.428 0.028 522. 350. -353.3 0.0230 0.48 0.26 4.14 196.0 10.0 287.0 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
16 5 12 133 19 -12.1 0.180 -9.000 -9.000 -999. 188. 43.9 0.0230 0.48 0.49 2.91 182.0 10.0 285.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 5 12 133 20 -17.6 0.177 -9.000 -9.000 -999. 179. 34.4 0.0370 0.48 1.00 2.66 161.0 10.0 284.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 5 12 133 21 -19.2 0.193 -9.000 -9.000 -999. 203. 41.0 0.0340 0.48 1.00 2.93 127.0 10.0 285.4 2.0 0
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16 5 12 133 22 -15.0 0.162 -9.000 -9.000 -999. 157. 28.9 0.0300 0.48 1.00 2.54 111.0 10.0 285.4 2.0 0
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16 5 12 133 23 -14.7 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.48 1.00 2.47 122.0 10.0 285.4 2.0 0
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16 5 13 134 1 -3.9 0.081 -9.000 -9.000 -999. 56. 12.7 0.0340 0.48 1.00 1.28 133.0 10.0 285.4 2.0 0
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16 5 13 134 2 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0340 0.48 1.00 1.08 221.0 10.0 285.4 2.0 0
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16 5 13 134 3 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0340 0.48 1.00 1.30 220.0 10.0 285.4 2.0 0
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16 5 13 134 4 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0360 0.48 1.00 1.06 341.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
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16 5 13 134 6 -4.8 0.093 -9.000 -9.000 -999. 68. 15.0 0.0250 0.48 0.53 1.55 289.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 5 13 134 7 4.0 0.149 0.355 0.027 408. 138. -75.4 0.0340 0.48 0.28 1.99 224.0 10.0 285.4 2.0 0
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16 5 13 134 9 25.2 0.153 0.705 0.031 500. 143. -12.7 0.0250 0.48 0.17 1.91 276.0 10.0 285.9 2.0 0
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16 5 13 134 10 33.2 0.148 0.805 0.033 565. 136. -8.7 0.0280 0.48 0.16 1.74 254.0 10.0 286.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
16 5 13 134 11 39.0 0.186 0.882 0.033 634. 192. -14.9 0.0230 0.48 0.16 2.40 205.0 10.0 287.5 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
16 5 13 134 12 41.9 0.206 0.925 0.033 681. 224. -18.7 0.0230 0.48 0.16 2.71 206.0 10.0 288.1 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
16 5 13 134 13 42.2 0.271 0.930 0.033 688. 339. -42.5 0.0340 0.48 0.16 3.51 233.0 10.0 288.8 2.0 0
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16 5 13 134 14 40.0 0.308 0.916 0.032 694. 411. -66.1 0.0340 0.48 0.16 4.09 233.0 10.0 289.9 2.0 0
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16 5 13 134 15 146.0 0.417 1.421 0.031 710. 645. -44.7 0.0340 0.48 0.16 5.41 232.0 10.0 290.4 2.0 0
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16 5 13 134 16 112.7 0.434 1.310 0.030 719. 685. -65.3 0.0340 0.48 0.17 5.75 231.0 10.0 290.4 2.0 0
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16 5 13 134 17 73.4 0.373 1.138 0.029 725. 550. -63.8 0.0340 0.48 0.19 4.94 218.0 10.0 288.8 2.0 0
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16 5 13 134 18 28.5 0.324 0.831 0.029 727. 444. -107.5 0.0340 0.48 0.26 4.39 222.0 10.0 287.5 2.0 0
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16 5 13 134 21 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0300 0.48 1.00 1.82 112.0 10.0 284.9 2.0 0
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0.00 92. 1012. 10 ADJ-A1 NoSubs
16 5 14 135 7 4.2 0.091 0.427 0.012 668. 66. -16.1 0.0360 0.48 0.28 1.08 338.0 10.0 285.9 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
16 5 14 135 8 15.8 0.115 0.665 0.011 673. 93. -8.6 0.0300 0.48 0.20 1.33 95.0 10.0 287.5 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
16 5 14 135 9 109.2 0.149 1.288 0.010 707. 139. -2.8 0.0230 0.48 0.17 1.59 191.0 10.0 290.4 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 5 14 135 10 143.9 0.260 1.440 0.009 750. 318. -11.0 0.0230 0.48 0.16 3.26 188.0 10.0 292.0 2.0 0
0.00 60. 1013. 3 ADJ-A1 NoSubs
16 5 14 135 11 163.4 0.319 1.532 0.008 796. 432. -17.9 0.0230 0.48 0.16 4.18 205.0 10.0 292.5 2.0 0

0.00 60. 1012. 0 ADJ-A1 NoSubs
16 5 14 135 12 174.8 0.353 1.597 0.007 842. 503. -22.7 0.0280 0.48 0.16 4.54 240.0 10.0 293.1 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
16 5 14 135 13 175.0 0.421 1.645 0.006 918. 654. -38.3 0.0340 0.48 0.16 5.41 230.0 10.0 292.0 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
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0.00 69. 1011. 0 ADJ-A1 NoSubs
16 5 14 135 15 144.2 0.386 1.642 0.006 1109. 577. -36.0 0.0340 0.48 0.16 4.95 230.0 10.0 292.0 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
16 5 14 135 16 113.4 0.355 1.552 0.005 1189. 508. -35.5 0.0340 0.48 0.17 4.54 233.0 10.0 291.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 5 14 135 17 74.4 0.292 1.368 0.005 1239. 380. -30.0 0.0340 0.48 0.19 3.69 229.0 10.0 290.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 5 14 135 18 29.7 0.242 1.013 0.005 1258. 286. -42.7 0.0340 0.48 0.26 3.13 228.0 10.0 290.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
16 5 14 135 19 -8.6 0.142 -9.000 -9.000 -999. 133. 29.8 0.0270 0.48 0.48 2.25 76.0 10.0 289.2 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
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16 5 16 137 11 165.8 0.236 1.369 0.019 558. 275. -7.1 0.0230 0.48 0.16 2.83 191.0 10.0 290.4 2.0 0
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16 5 16 137 12 174.9 0.348 1.437 0.019 612. 492. -21.6 0.0340 0.48 0.16 4.29 214.0 10.0 291.4 2.0 0
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16 5 16 137 13 175.8 0.316 1.478 0.018 662. 427. -16.2 0.0340 0.48 0.16 3.80 220.0 10.0 292.5 2.0 0
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16 5 16 137 16 114.4 0.332 1.340 0.014 757. 459. -28.8 0.0340 0.48 0.17 4.19 127.0 10.0 292.0 2.0 0
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0.00 92. 1008. 10 ADJ-SFC NoSubs
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0.00 92. 1008. 10 ADJ-SFC NoSubs
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16 5 17 138 10 142.8 -9.000 -9.000 -9.000 316. -999. -99999.0 0.0304 0.48 0.16 0.00 0.0 10.0 293.8 2.0
0 0.00 58. 1008. 0 ADJ-SFC NoSubs
16 5 17 138 11 165.6 0.269 1.202 0.012 377. 335. -10.6 0.0230 0.48 0.16 3.36 191.0 10.0 296.4 2.0 0
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16 5 17 138 13 177.3 0.332 1.363 0.006 513. 458. -18.5 0.0230 0.48 0.16 4.36 198.0 10.0 296.4 2.0 0
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16 5 17 138 14 168.1 0.300 1.412 0.005 603. 395. -14.4 0.0230 0.48 0.16 3.86 192.0 10.0 298.1 2.0 0
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16 5 17 138 16 114.6 0.292 1.420 0.005 899. 390. -19.6 0.0230 0.48 0.17 3.86 195.0 10.0 291.4 2.0 0
0.00 69. 1007. 0 ADJ-SFC NoSubs
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0 0.00 89. 1008. 0 ADJ-SFC NoSubs
16 5 17 138 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 86. 1009. 0 ADJ-SFC NoSubs
16 5 17 138 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 284.9 2.0
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0.00 89. 1009. 0 ADJ-SFC NoSubs
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0 0.00 92. 1008. 0 ADJ-SFC NoSubs
16 5 18 139 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 92. 1009. 0 ADJ-SFC NoSubs
16 5 18 139 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 92. 1009. 0 ADJ-SFC NoSubs
16 5 18 139 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 96. 1010. 10 ADJ-SFC NoSubs
16 5 18 139 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 0.51 0.00 0.0 10.0 284.9 2.0
0 0.00 100. 1010. 10 ADJ-SFC NoSubs
16 5 18 139 7 4.7 -9.000 -9.000 -9.000 48. -999. -99999.0 0.0304 0.48 0.27 0.00 0.0 10.0 285.9 2.0 0
0.00 100. 1010. 10 ADJ-SFC NoSubs
16 5 18 139 8 16.0 -9.000 -9.000 -9.000 97. -999. -99999.0 0.0304 0.48 0.19 0.00 0.0 10.0 286.4 2.0 0
0.00 96. 1011. 10 ADJ-SFC NoSubs
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16 5 18 139 10 143.1 0.245 1.028 0.015 274. 292. -9.3 0.0304 0.48 0.16 2.86 999.0 10.0 293.8 2.0 0
0.00 65. 1010. 0 ADJ-SFC Sub_CC
16 5 18 139 11 164.8 0.330 1.182 0.007 361. 455. -19.6 0.0230 0.48 0.16 4.36 195.0 10.0 293.1 2.0 0
0.00 62. 1010. 0 ADJ-SFC NoSubs
16 5 18 139 12 175.7 0.357 1.263 0.005 414. 512. -23.4 0.0370 0.48 0.16 4.36 177.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-SFC Sub_CC
16 5 18 139 13 176.2 0.385 1.337 0.005 489. 573. -29.2 0.0340 0.48 0.16 4.86 218.0 10.0 292.0 2.0 0
0.00 67. 1010. 0 ADJ-SFC NoSubs
16 5 18 139 14 166.4 0.300 1.380 0.005 570. 398. -14.6 0.0230 0.48 0.16 3.86 201.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-SFC NoSubs
16 5 18 139 15 145.2 0.297 1.382 0.005 655. 388. -16.2 0.0230 0.48 0.16 3.86 198.0 10.0 290.9 2.0 0
0.00 72. 1009. 0 ADJ-SFC NoSubs
16 5 18 139 16 114.8 0.332 1.488 0.005 1033. 458. -28.5 0.0280 0.48 0.17 4.34 248.0 10.0 290.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
16 5 18 139 17 75.8 0.407 1.348 0.005 1162. 623. -80.1 0.0340 0.48 0.19 5.45 235.0 10.0 289.2 2.0 0
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16 5 19 140 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 92. 1008. 10 ADJ-SFC NoSubs
16 5 19 140 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 0.50 0.00 0.0 10.0 285.9 2.0
0 0.00 92. 1008. 10 ADJ-SFC NoSubs
16 5 19 140 7 5.0 0.127 0.258 0.009 123. 109. -36.9 0.0230 0.48 0.27 1.76 207.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-SFC NoSubs
16 5 19 140 8 16.3 0.174 0.496 0.025 269. 174. -28.9 0.0230 0.48 0.19 2.36 180.0 10.0 287.5 2.0 0
0.00 80. 1008. 10 ADJ-SFC NoSubs
16 5 19 140 9 26.3 0.142 0.667 0.027 406. 128. -9.8 0.0230 0.48 0.17 1.76 199.0 10.0 288.1 2.0 0
0.00 74. 1008. 10 ADJ-SFC NoSubs
16 5 19 140 10 142.4 0.278 1.301 0.030 557. 351. -13.5 0.0304 0.48 0.16 3.36 999.0 10.0 290.4 2.0 0
0.00 62. 1008. 0 ADJ-SFC NoSubs
16 5 19 140 11 164.4 0.248 1.390 0.028 588. 297. -8.4 0.0304 0.48 0.16 2.86 999.0 10.0 290.9 2.0 0
0.00 59. 1008. 0 ADJ-SFC NoSubs
16 5 19 140 12 176.0 0.325 1.447 0.027 618. 444. -17.4 0.0370 0.48 0.16 3.86 151.0 10.0 292.5 2.0 0
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16 5 19 140 13 176.6 0.282 1.460 0.025 634. 361. -11.5 0.0304 0.48 0.16 3.36 999.0 10.0 292.5 2.0 0
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16 5 19 140 14 167.2 0.290 1.445 0.023 648. 375. -13.1 0.0370 0.48 0.16 3.36 167.0 10.0 294.2 2.0 0
0.00 48. 1006. 0 ADJ-SFC NoSubs
16 5 19 140 15 146.0 0.471 1.390 0.012 660. 775. -64.0 0.0280 0.48 0.16 6.46 240.0 10.0 292.5 2.0 0
0.00 54. 1005. 0 ADJ-SFC NoSubs
16 5 19 140 16 115.8 0.344 1.294 0.020 670. 495. -31.3 0.0340 0.48 0.17 4.36 229.0 10.0 293.1 2.0 0
0.00 52. 1004. 0 ADJ-SFC NoSubs
16 5 19 140 17 76.6 0.474 1.130 0.012 675. 784. -124.8 0.0340 0.48 0.19 6.46 230.0 10.0 290.4 2.0 0
0.00 59. 1004. 0 ADJ-SFC NoSubs
16 5 19 140 18 31.9 0.516 0.845 0.012 678. 887. -384.3 0.0280 0.48 0.25 7.46 255.0 10.0 288.8 2.0 0
0.00 46. 1004. 0 ADJ-SFC NoSubs
16 5 19 140 19 -22.8 0.431 -9.000 -9.000 -999. 685. 314.4 0.0280 0.48 0.46 6.46 254.0 10.0 287.0 2.0 0
0.00 54. 1004. 0 ADJ-SFC NoSubs
16 5 19 140 20 -17.8 0.182 -9.000 -9.000 -999. 260. 36.3 0.0280 0.48 1.00 2.86 246.0 10.0 285.9 2.0 0
0.00 61. 1004. 0 ADJ-SFC NoSubs
16 5 19 140 21 -24.5 0.249 -9.000 -9.000 -999. 298. 68.0 0.0280 0.48 1.00 3.86 249.0 10.0 285.4 2.0 0
0.00 63. 1005. 0 ADJ-SFC NoSubs
16 5 19 140 22 -31.2 0.316 -9.000 -9.000 -999. 426. 109.9 0.0280 0.48 1.00 4.86 249.0 10.0 284.9 2.0 0
0.00 68. 1005. 0 ADJ-SFC NoSubs
16 5 19 140 23 -31.3 0.316 -9.000 -9.000 -999. 426. 109.9 0.0280 0.48 1.00 4.86 248.0 10.0 284.2 2.0 0
0.00 71. 1005. 0 ADJ-SFC NoSubs
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0.00 73. 1005. 0 ADJ-SFC NoSubs
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0.00 73. 1005. 0 ADJ-SFC NoSubs
16 5 20 141 2 -13.3 0.153 -9.000 -9.000 -999. 148. 25.8 0.0340 0.48 1.00 2.36 212.0 10.0 283.1 2.0 0

0.00 73. 1004. 0 ADJ-SFC NoSubs
16 5 20 141 3 -25.5 0.258 -9.000 -9.000 -999. 314. 72.9 0.0340 0.48 1.00 3.86 216.0 10.0 283.8 2.0 0
0.00 70. 1004. 0 ADJ-SFC NoSubs
16 5 20 141 4 -28.9 0.292 -9.000 -9.000 -999. 379. 94.0 0.0340 0.48 1.00 4.36 226.0 10.0 284.2 2.0 0
0.00 65. 1004. 0 ADJ-SFC NoSubs
16 5 20 141 5 -31.2 0.316 -9.000 -9.000 -999. 426. 109.9 0.0280 0.48 1.00 4.86 248.0 10.0 284.2 2.0 0
0.00 68. 1004. 0 ADJ-SFC NoSubs
16 5 20 141 6 -21.4 0.312 -9.000 -9.000 -999. 419. 127.6 0.0250 0.48 0.50 4.86 285.0 10.0 284.9 2.0 0
0.00 65. 1005. 0 ADJ-SFC NoSubs
16 5 20 141 7 26.6 0.344 0.618 0.005 318. 483. -136.7 0.0280 0.48 0.27 4.86 260.0 10.0 286.4 2.0 0
0.00 59. 1005. 0 ADJ-SFC NoSubs
16 5 20 141 8 72.6 0.388 1.077 0.005 617. 580. -72.2 0.0280 0.48 0.19 5.36 254.0 10.0 288.1 2.0 0
0.00 54. 1005. 5 ADJ-SFC NoSubs
16 5 20 141 9 110.9 0.434 1.414 0.011 916. 685. -65.9 0.0280 0.48 0.17 5.96 263.0 10.0 288.8 2.0 0
0.00 51. 1005. 0 ADJ-SFC NoSubs
16 5 20 141 10 142.3 0.518 1.576 0.012 987. 894. -87.6 0.0340 0.48 0.16 6.96 233.0 10.0 289.2 2.0 0
0.00 59. 1006. 0 ADJ-SFC NoSubs
16 5 20 141 11 164.4 0.521 1.727 0.014 1127. 902. -77.2 0.0340 0.48 0.16 6.96 238.0 10.0 289.9 2.0 0
0.00 55. 1006. 0 ADJ-SFC NoSubs
16 5 20 141 12 177.4 0.729 1.798 0.007 1177. 1492. -195.9 0.0340 0.48 0.16 10.06 234.0 10.0 288.8 2.0
0 0.00 56. 1006. 3 ADJ-SFC NoSubs
16 5 20 141 13 176.1 0.729 1.803 0.007 1196. 1493. -197.3 0.0340 0.48 0.16 10.06 232.0 10.0 289.9 2.0
0 0.00 55. 1006. 0 ADJ-SFC NoSubs
16 5 20 141 14 166.1 0.762 1.776 0.005 1213. 1593. -238.7 0.0340 0.48 0.16 10.56 237.0 10.0 289.2 2.0
0 0.00 59. 1006. 0 ADJ-SFC NoSubs
16 5 20 141 15 145.4 0.518 1.708 0.011 1231. 963. -86.0 0.0340 0.48 0.16 6.96 235.0 10.0 289.2 2.0 0
0.00 55. 1007. 0 ADJ-SFC NoSubs
16 5 20 141 16 113.0 0.530 1.579 0.010 1252. 926. -118.2 0.0280 0.48 0.17 7.46 243.0 10.0 288.8 2.0
0 0.00 59. 1007. 5 ADJ-SFC NoSubs
16 5 20 141 17 76.2 0.526 1.389 0.010 1265. 915. -171.1 0.0340 0.48 0.19 7.23 236.0 10.0 287.0 2.0 0
0.00 66. 1007. 0 ADJ-A1 NoSubs
16 5 20 141 18 35.9 0.505 1.083 0.010 1271. 862. -321.8 0.0340 0.48 0.25 7.04 229.0 10.0 286.4 2.0 0
0.00 69. 1007. 3 ADJ-A1 NoSubs
16 5 20 141 19 -14.9 0.391 -9.000 -9.000 -999. 596. 359.5 0.0340 0.48 0.46 5.65 235.0 10.0 284.9 2.0 0
0.00 79. 1008. 3 ADJ-A1 NoSubs
16 5 20 141 20 -26.5 0.267 -9.000 -9.000 -999. 342. 78.6 0.0340 0.48 1.00 4.00 235.0 10.0 284.2 2.0 0
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16 5 20 141 21 -18.0 0.181 -9.000 -9.000 -999. 188. 36.1 0.0340 0.48 1.00 2.76 230.0 10.0 284.2 2.0 0
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16 5 20 141 22 -14.1 0.157 -9.000 -9.000 -999. 150. 27.2 0.0340 0.48 1.00 2.42 235.0 10.0 284.9 2.0 0
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16 5 20 141 23 -10.2 0.132 -9.000 -9.000 -999. 115. 20.3 0.0280 0.48 1.00 2.13 241.0 10.0 283.8 2.0 0
0.00 89. 1009. 7 ADJ-A1 NoSubs
16 5 20 141 24 -6.1 0.101 -9.000 -9.000 -999. 77. 15.1 0.0250 0.48 1.00 1.69 289.0 10.0 283.8 2.0 0
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16 5 21 142 1 -5.5 0.096 -9.000 -9.000 -999. 71. 14.5 0.0310 0.48 1.00 1.55 305.0 10.0 282.5 2.0 0
0.00 89. 1009. 5 ADJ-A1 NoSubs
16 5 21 142 2 -8.9 0.123 -9.000 -9.000 -999. 103. 18.9 0.0310 0.48 1.00 1.96 322.0 10.0 282.0 2.0 0
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16 5 21 142 3 -9.6 0.128 -9.000 -9.000 -999. 110. 19.6 0.0310 0.48 1.00 2.03 314.0 10.0 280.9 2.0 0
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16 5 21 142 4 -8.1 0.118 -9.000 -9.000 -999. 97. 18.0 0.0310 0.48 1.00 1.88 309.0 10.0 281.4 2.0 0
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16 5 21 142 5 -4.7 0.089 -9.000 -9.000 -999. 63. 13.5 0.0310 0.48 1.00 1.43 306.0 10.0 282.5 2.0 0

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16 5 21 142 6 -2.4 0.075 -9.000 -9.000 -999. 49. 16.2 0.0310 0.48 0.49 1.21 313.0 10.0 283.1 2.0 0
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16 5 21 142 7 4.8 0.091 0.338 0.005 291. 66. -14.4 0.0310 0.48 0.27 1.11 329.0 10.0 284.9 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
16 5 21 142 8 16.2 0.103 0.540 0.005 350. 79. -6.0 0.0340 0.48 0.19 1.11 123.0 10.0 286.4 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
16 5 21 142 9 26.5 0.176 0.807 0.005 713. 177. -18.4 0.0370 0.48 0.17 2.10 162.0 10.0 288.8 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
16 5 21 142 10 34.4 0.299 0.896 0.005 755. 392. -70.1 0.0230 0.48 0.16 4.27 205.0 10.0 288.8 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
16 5 21 142 11 39.8 0.331 0.961 0.005 804. 456. -81.9 0.0340 0.48 0.16 4.43 224.0 10.0 288.8 2.0 0
0.00 64. 1012. 10 ADJ-A1 NoSubs
16 5 21 142 12 142.5 0.370 1.560 0.005 963. 539. -32.0 0.0340 0.48 0.16 4.70 220.0 10.0 289.9 2.0 0
0.00 61. 1012. 7 ADJ-A1 NoSubs
16 5 21 142 13 43.0 0.357 1.063 0.005 1006. 513. -95.7 0.0340 0.48 0.16 4.82 233.0 10.0 289.9 2.0 0
0.00 61. 1012. 10 ADJ-A1 NoSubs
16 5 21 142 14 40.6 0.411 1.055 0.005 1045. 631. -153.9 0.0340 0.48 0.16 5.63 233.0 10.0 289.9 2.0 0
0.00 59. 1012. 10 ADJ-A1 NoSubs
16 5 21 142 15 118.9 0.487 1.558 0.005 1149. 816. -87.9 0.0340 0.48 0.16 6.55 233.0 10.0 288.1 2.0 0
0.00 66. 1012. 7 ADJ-A1 NoSubs
16 5 21 142 16 115.5 0.522 1.584 0.005 1245. 904. -111.2 0.0340 0.48 0.17 7.08 232.0 10.0 289.2 2.0
0 0.00 59. 1012. 0 ADJ-A1 NoSubs
16 5 21 142 17 76.9 0.434 1.405 0.005 1302. 693. -95.8 0.0340 0.48 0.19 5.85 231.0 10.0 288.1 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
16 5 21 142 18 32.8 0.314 1.064 0.005 1327. 433. -85.4 0.0280 0.48 0.25 4.37 240.0 10.0 288.1 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
16 5 21 142 19 -11.9 0.237 -9.000 -9.000 -999. 280. 101.7 0.0280 0.48 0.45 3.64 245.0 10.0 286.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
16 5 21 142 20 -23.2 0.234 -9.000 -9.000 -999. 272. 60.2 0.0280 0.48 1.00 3.64 244.0 10.0 285.4 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
16 5 21 142 21 -4.1 0.083 -9.000 -9.000 -999. 81. 12.5 0.0250 0.48 1.00 1.38 273.0 10.0 284.2 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
16 5 21 142 22 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0360 0.48 1.00 1.35 340.0 10.0 284.2 2.0 0
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16 5 21 142 23 -7.8 0.115 -9.000 -9.000 -999. 93. 17.6 0.0310 0.48 1.00 1.84 309.0 10.0 282.5 2.0 0
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16 5 21 142 24 -8.3 0.118 -9.000 -9.000 -999. 98. 18.1 0.0310 0.48 1.00 1.89 309.0 10.0 282.0 2.0 0
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16 5 22 143 1 -9.2 0.125 -9.000 -9.000 -999. 106. 19.2 0.0310 0.48 1.00 1.99 324.0 10.0 282.0 2.0 0
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16 5 22 143 2 -10.3 0.131 -9.000 -9.000 -999. 114. 20.0 0.0250 0.48 1.00 2.16 299.0 10.0 281.4 2.0 0
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16 5 22 143 3 -11.9 0.143 -9.000 -9.000 -999. 130. 22.5 0.0310 0.48 1.00 2.25 317.0 10.0 280.9 2.0 0
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16 5 22 143 5 -8.4 0.120 -9.000 -9.000 -999. 99. 18.3 0.0310 0.48 1.00 1.91 315.0 10.0 280.9 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
16 5 22 143 6 -6.3 0.115 -9.000 -9.000 -999. 93. 21.5 0.0310 0.48 0.49 1.81 314.0 10.0 281.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
16 5 22 143 7 26.9 0.112 0.647 0.005 364. 90. -4.7 0.0300 0.48 0.27 1.21 20.0 10.0 284.2 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
16 5 22 143 8 72.9 0.109 1.098 0.005 658. 86. -1.6 0.0250 0.48 0.19 1.04 280.0 10.0 286.4 2.0 0

0.00 74. 1014. 5 ADJ-A1 NoSubs
16 5 22 143 9 92.4 0.172 1.242 0.006 752. 171. -5.0 0.0230 0.48 0.17 1.98 180.0 10.0 288.1 2.0 0
0.00 63. 1014. 7 ADJ-A1 NoSubs
16 5 22 143 10 117.1 0.230 1.421 0.007 888. 265. -9.4 0.0230 0.48 0.16 2.84 201.0 10.0 289.9 2.0 0
0.00 57. 1014. 7 ADJ-A1 NoSubs
16 5 22 143 11 134.5 0.242 1.571 0.008 1044. 286. -9.5 0.0370 0.48 0.16 2.71 175.0 10.0 291.4 2.0 0
0.00 53. 1014. 7 ADJ-A1 NoSubs
16 5 22 143 12 176.5 0.353 1.771 0.007 1140. 503. -22.5 0.0340 0.48 0.16 4.37 222.0 10.0 292.0 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
16 5 22 143 13 176.8 0.478 1.804 0.007 1201. 792. -55.7 0.0340 0.48 0.16 6.28 235.0 10.0 290.9 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
16 5 22 143 14 166.9 0.490 1.796 0.006 1257. 822. -63.6 0.0280 0.48 0.16 6.72 241.0 10.0 290.4 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 5 22 143 15 145.9 0.512 1.740 0.005 1306. 880. -83.3 0.0340 0.48 0.16 6.87 234.0 10.0 288.8 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
16 5 22 143 16 116.1 0.472 1.631 0.005 1350. 782. -81.9 0.0340 0.48 0.17 6.33 237.0 10.0 290.4 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
16 5 22 143 17 77.6 0.411 1.435 0.005 1376. 635. -80.6 0.0340 0.48 0.19 5.50 236.0 10.0 289.2 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
16 5 22 143 18 33.4 0.354 1.087 0.005 1387. 509. -120.0 0.0340 0.48 0.25 4.82 233.0 10.0 288.8 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
16 5 22 143 19 -8.0 0.171 -9.000 -9.000 -999. 200. 56.8 0.0280 0.48 0.45 2.66 253.0 10.0 288.1 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
16 5 22 143 20 -23.2 0.235 -9.000 -9.000 -999. 274. 60.8 0.0270 0.48 1.00 3.68 62.0 10.0 286.4 2.0 0
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16 5 22 143 21 -6.1 0.101 -9.000 -9.000 -999. 91. 15.3 0.0270 0.48 1.00 1.67 66.0 10.0 285.4 2.0 0
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16 5 22 143 23 -5.3 0.095 -9.000 -9.000 -999. 70. 14.4 0.0300 0.48 1.00 1.54 24.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 5 22 143 24 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0310 0.48 1.00 1.57 313.0 10.0 283.1 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 5 23 144 1 -10.0 0.131 -9.000 -9.000 -999. 114. 20.3 0.0310 0.48 1.00 2.08 307.0 10.0 282.5 2.0 0
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16 5 23 144 2 -10.3 0.133 -9.000 -9.000 -999. 116. 20.5 0.0310 0.48 1.00 2.10 322.0 10.0 281.4 2.0 0
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16 5 23 144 3 -7.4 0.111 -9.000 -9.000 -999. 89. 17.0 0.0310 0.48 1.00 1.79 315.0 10.0 281.4 2.0 0
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16 5 23 144 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0310 0.48 1.00 1.81 315.0 10.0 281.4 2.0 0
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16 5 23 144 5 -8.7 0.122 -9.000 -9.000 -999. 102. 18.6 0.0310 0.48 1.00 1.94 309.0 10.0 281.4 2.0 0
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16 5 23 144 6 -10.1 0.152 -9.000 -9.000 -999. 142. 31.1 0.0310 0.48 0.49 2.35 304.0 10.0 282.0 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
16 5 23 144 7 31.5 0.114 0.664 0.007 335. 92. -4.2 0.0310 0.48 0.26 1.20 302.0 10.0 285.4 2.0 0
0.00 82. 1010. 3 ADJ-A1 NoSubs
16 5 23 144 8 72.1 0.131 0.966 0.007 450. 113. -2.8 0.0300 0.48 0.19 1.31 97.0 10.0 286.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
16 5 23 144 9 109.8 0.151 1.188 0.006 550. 141. -2.8 0.0340 0.48 0.17 1.47 140.0 10.0 288.1 2.0 0
0.00 66. 1010. 5 ADJ-A1 NoSubs
16 5 23 144 10 117.0 0.169 1.278 0.006 643. 167. -3.7 0.0280 0.48 0.16 1.79 248.0 10.0 288.8 2.0 0
0.00 66. 1009. 7 ADJ-A1 NoSubs
16 5 23 144 11 167.7 0.330 1.565 0.007 824. 456. -19.4 0.0230 0.48 0.16 4.36 205.0 10.0 290.9 2.0 0

0.00 59. 1009. 3 ADJ-SFC NoSubs
16 5 23 144 12 179.1 0.523 1.689 0.005 970. 907. -71.8 0.0340 0.48 0.16 6.96 224.0 10.0 291.4 2.0 0
0.00 62. 1009. 2 ADJ-SFC Sub_CC
16 5 23 144 13 177.2 0.522 1.750 0.005 1090. 906. -72.4 0.0340 0.48 0.16 6.96 218.0 10.0 291.4 2.0 0
0.00 57. 1008. 0 ADJ-SFC NoSubs
16 5 23 144 14 167.3 0.488 1.742 0.005 1138. 821. -62.6 0.0340 0.48 0.16 6.46 234.0 10.0 290.9 2.0 0
0.00 59. 1008. 0 ADJ-SFC NoSubs
16 5 23 144 15 146.8 0.486 1.688 0.005 1179. 812. -70.2 0.0340 0.48 0.16 6.46 234.0 10.0 290.9 2.0 0
0.00 55. 1008. 0 ADJ-SFC NoSubs
16 5 23 144 16 116.3 0.448 1.575 0.005 1209. 722. -69.6 0.0340 0.48 0.17 5.96 232.0 10.0 289.9 2.0 0
0.00 66. 1008. 0 ADJ-SFC NoSubs
16 5 23 144 17 78.0 0.415 1.387 0.005 1229. 642. -82.1 0.0230 0.48 0.19 5.96 209.0 10.0 289.2 2.0 0
0.00 69. 1007. 0 ADJ-SFC NoSubs
16 5 23 144 18 32.0 0.279 1.032 0.005 1235. 366. -61.1 0.0230 0.48 0.25 3.96 197.0 10.0 287.5 2.0 0
0.00 83. 1007. 7 ADJ-A1 NoSubs
16 5 23 144 19 -12.9 0.217 -9.000 -9.000 -999. 244. 70.6 0.0230 0.48 0.44 3.46 184.0 10.0 287.0 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
16 5 23 144 20 -13.3 0.152 -9.000 -9.000 -999. 144. 25.6 0.0300 0.48 1.00 2.40 58.0 10.0 287.0 2.0 0
0.00 86. 1007. 7 ADJ-A1 NoSubs
16 5 23 144 21 -19.3 0.196 -9.000 -9.000 -999. 209. 42.5 0.0270 0.48 1.00 3.10 62.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
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16 5 24 145 2 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0280 0.48 1.00 1.60 256.0 10.0 286.4 2.0 0
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0.00 71. 1010. 10 ADJ-A1 NoSubs
16 5 24 145 10 34.4 0.279 0.799 0.006 534. 355. -57.2 0.0340 0.48 0.16 3.68 211.0 10.0 288.1 2.0 0
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16 5 24 145 18 7.5 0.251 0.622 0.005 1162. 323. -190.0 0.0280 0.48 0.25 3.58 249.0 10.0 289.2 2.0 0
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16 5 25 146 11 40.2 0.334 0.875 0.008 605. 463. -84.0 0.0340 0.48 0.16 4.48 218.0 10.0 289.2 2.0 0
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16 5 25 146 13 43.4 0.417 0.956 0.007 728. 647. -151.7 0.0340 0.48 0.16 5.72 223.0 10.0 290.4 2.0 0
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16 5 25 146 14 162.1 0.452 1.557 0.006 844. 730. -51.6 0.0340 0.48 0.16 5.92 228.0 10.0 290.9 2.0 0
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16 5 25 146 15 149.9 0.424 1.528 0.005 863. 663. -45.9 0.0340 0.48 0.16 5.51 214.0 10.0 290.9 2.0 0
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16 5 25 146 17 79.0 0.301 1.247 0.005 888. 398. -31.3 0.0370 0.48 0.19 3.76 165.0 10.0 289.9 2.0 0

0.00 72. 1014. 0 ADJ-A1 NoSubs
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16 5 25 146 19 -7.9 0.192 -9.000 -9.000 -999. 203. 81.3 0.0300 0.48 0.44 2.93 45.0 10.0 287.5 2.0 0
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0.00 77. 1014. 10 ADJ-A1 NoSubs
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0.00 77. 1014. 10 ADJ-A1 NoSubs
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0.00 77. 1014. 10 ADJ-A1 NoSubs
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0.00 77. 1014. 10 ADJ-A1 NoSubs
16 5 26 147 11 39.9 0.177 0.869 0.016 594. 179. -12.6 0.0230 0.48 0.16 2.25 190.0 10.0 288.1 2.0 0
0.00 74. 1014. 10 ADJ-A1 NoSubs
16 5 26 147 12 42.9 0.214 0.921 0.018 660. 238. -20.7 0.0230 0.48 0.16 2.84 191.0 10.0 288.8 2.0 0
0.00 74. 1014. 10 ADJ-A1 NoSubs
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0.00 71. 1014. 10 ADJ-A1 NoSubs
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0.00 71. 1013. 7 ADJ-A1 NoSubs
16 5 26 147 16 28.3 0.327 0.844 0.018 766. 451. -111.8 0.0340 0.48 0.17 4.44 213.0 10.0 289.9 2.0 0
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0.00 60. 1005. 0 ADJ-A1 NoSubs
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16 5 28 149 12 178.0 0.381 1.411 0.005 567. 563. -27.8 0.0230 0.48 0.16 5.16 193.0 10.0 293.1 2.0 0
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16 5 28 149 13 179.0 0.338 1.571 0.005 779. 473. -19.3 0.0230 0.48 0.16 4.46 201.0 10.0 294.2 2.0 0
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16 5 28 149 14 168.9 0.377 1.627 0.005 916. 556. -28.5 0.0230 0.48 0.16 5.12 198.0 10.0 292.5 2.0 0
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16 5 28 149 18 36.0 0.271 1.137 0.005 1463. 338. -49.4 0.0230 0.48 0.25 3.80 197.0 10.0 288.1 2.0 0
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16 5 28 149 19 -6.5 0.177 -9.000 -9.000 -999. 183. 77.4 0.0230 0.48 0.43 2.83 207.0 10.0 285.9 2.0 0
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16 5 28 149 20 -8.1 0.118 -9.000 -9.000 -999. 98. 18.3 0.0340 0.48 1.00 1.86 215.0 10.0 284.9 2.0 0
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16 5 28 149 21 -3.1 0.073 -9.000 -9.000 -999. 48. 11.2 0.0230 0.48 1.00 1.20 209.0 10.0 284.9 2.0 0
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16 5 28 149 22 -2.5 0.067 -9.000 -9.000 -999. 42. 11.0 0.0250 0.48 1.00 1.03 281.0 10.0 283.8 2.0 0
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16 5 28 149 23 -2.3 0.066 -9.000 -9.000 -999. 41. 11.3 0.0280 0.48 1.00 0.96 264.0 10.0 284.2 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
16 5 28 149 24 -3.7 0.080 -9.000 -9.000 -999. 55. 12.5 0.0340 0.48 1.00 1.26 230.0 10.0 284.2 2.0 0
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16 5 29 150 1 -2.1 0.065 -9.000 -9.000 -999. 40. 11.7 0.0340 0.48 1.00 0.89 211.0 10.0 285.4 2.0 0
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16 5 29 150 2 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0340 0.48 1.00 1.30 219.0 10.0 285.4 2.0 0

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16 5 29 150 4 -2.5 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.48 1.00 0.97 357.0 10.0 285.4 2.0 0
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16 5 29 150 5 -4.1 0.083 -9.000 -9.000 -999. 57. 12.5 0.0250 0.48 1.00 1.38 272.0 10.0 285.4 2.0 0
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16 5 29 150 6 -10.7 0.149 -9.000 -9.000 -999. 138. 27.9 0.0280 0.48 0.47 2.35 241.0 10.0 284.9 2.0 0
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16 5 29 150 7 5.4 0.199 0.209 0.023 61. 213. -132.1 0.0340 0.48 0.26 2.72 235.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 5 29 150 8 16.5 0.171 0.383 0.024 122. 170. -27.2 0.0280 0.48 0.19 2.23 250.0 10.0 285.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 5 29 150 9 26.5 0.216 0.512 0.023 182. 241. -34.4 0.0340 0.48 0.17 2.76 225.0 10.0 286.4 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 5 29 150 10 34.6 0.218 0.615 0.023 242. 244. -26.9 0.0280 0.48 0.16 2.84 251.0 10.0 288.1 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
16 5 29 150 11 40.3 0.265 0.707 0.022 316. 328. -41.8 0.0280 0.48 0.16 3.56 240.0 10.0 289.2 2.0 0
0.00 69. 1012. 10 ADJ-A1 NoSubs
16 5 29 150 12 143.9 0.353 1.180 0.010 412. 503. -27.6 0.0340 0.48 0.16 4.44 219.0 10.0 290.9 2.0 0
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16 5 29 150 13 180.4 0.447 1.295 0.005 435. 716. -44.6 0.0340 0.48 0.16 5.80 216.0 10.0 290.9 2.0 0
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16 5 29 150 15 148.3 0.395 1.257 0.005 483. 597. -37.4 0.0340 0.48 0.16 5.07 210.0 10.0 290.4 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
16 5 29 150 16 118.3 0.377 1.181 0.006 502. 556. -40.8 0.0340 0.48 0.17 4.87 222.0 10.0 289.9 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
16 5 29 150 17 80.2 0.309 1.046 0.009 515. 415. -33.2 0.0230 0.48 0.19 4.24 207.0 10.0 288.8 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
16 5 29 150 18 36.5 0.210 0.808 0.009 520. 236. -22.9 0.0230 0.48 0.24 2.81 194.0 10.0 288.1 2.0 0
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16 5 30 151 13 178.4 0.345 1.357 0.023 505. 488. -20.8 0.0340 0.48 0.16 4.25 222.0 10.0 290.9 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
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16 5 30 151 15 148.7 0.308 1.297 0.018 529. 410. -17.6 0.0230 0.48 0.16 4.03 203.0 10.0 290.9 2.0 0
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16 5 30 151 16 118.8 0.314 1.210 0.016 537. 422. -23.4 0.0230 0.48 0.17 4.20 204.0 10.0 290.4 2.0 0
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16 5 30 151 18 36.8 0.262 0.823 0.015 545. 323. -44.2 0.0230 0.48 0.24 3.66 208.0 10.0 287.5 2.0 0
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16 5 30 151 19 -9.2 0.176 -9.000 -9.000 -999. 180. 53.4 0.0230 0.48 0.42 2.83 205.0 10.0 285.9 2.0 0
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16 5 30 151 22 -3.3 0.076 -9.000 -9.000 -999. 50. 11.9 0.0300 0.48 1.00 1.20 38.0 10.0 285.9 2.0 0
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16 5 30 151 23 -2.7 0.070 -9.000 -9.000 -999. 44. 11.2 0.0270 0.48 1.00 1.09 80.0 10.0 285.9 2.0 0
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16 5 31 152 1 -2.4 0.067 -9.000 -9.000 -999. 42. 11.3 0.0300 0.48 1.00 0.99 56.0 10.0 285.9 2.0 0
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0.00 100. 1007. 10 ADJ-A1 NoSubs
16 5 31 152 4 -2.4 0.066 -9.000 -9.000 -999. 41. 10.9 0.0230 0.48 1.00 1.01 182.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
16 5 31 152 5 -2.3 0.066 -9.000 -9.000 -999. 41. 11.2 0.0280 0.48 1.00 0.97 243.0 10.0 284.9 2.0 0
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16 5 31 152 6 -2.4 0.070 -9.000 -9.000 -999. 44. 12.7 0.0300 0.48 0.47 1.13 33.0 10.0 284.9 2.0 0
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0.00 96. 1007. 10 ADJ-A1 NoSubs
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16 5 31 152 10 145.5 0.216 1.090 0.032 320. 241. -6.2 0.0370 0.48 0.16 2.30 153.0 10.0 293.1 2.0 0
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16 5 31 152 11 167.4 0.316 1.192 0.023 364. 427. -16.9 0.0370 0.48 0.16 3.75 171.0 10.0 293.8 2.0 0
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16 5 31 152 12 178.7 0.313 1.262 0.023 404. 420. -15.4 0.0230 0.48 0.16 4.05 201.0 10.0 294.2 2.0 0
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16 5 31 152 13 179.5 0.316 1.325 0.021 466. 425. -15.7 0.0230 0.48 0.16 4.09 185.0 10.0 294.2 2.0 0
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16 5 31 152 14 169.9 0.333 1.323 0.018 489. 460. -19.4 0.0230 0.48 0.16 4.39 200.0 10.0 293.8 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
16 5 31 152 15 149.2 0.307 1.283 0.015 508. 408. -17.3 0.0340 0.48 0.16 3.71 215.0 10.0 292.0 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
16 5 31 152 16 119.4 0.287 1.207 0.013 529. 369. -17.7 0.0230 0.48 0.17 3.76 188.0 10.0 291.4 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
16 5 31 152 17 81.1 0.316 1.072 0.012 544. 425. -34.7 0.0230 0.48 0.19 4.34 195.0 10.0 289.2 2.0 0
0.00 77. 1005. 0 ADJ-A1 NoSubs
16 5 31 152 18 40.7 0.264 0.856 0.012 551. 326. -40.3 0.0230 0.48 0.24 3.66 201.0 10.0 287.5 2.0 0
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16 5 31 152 19 -8.1 0.162 -9.000 -9.000 -999. 161. 47.2 0.0340 0.48 0.42 2.44 215.0 10.0 286.4 2.0 0
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16 5 31 152 20 -5.3 0.093 -9.000 -9.000 -999. 70. 13.9 0.0230 0.48 1.00 1.59 188.0 10.0 285.9 2.0 0
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16 5 31 152 21 -5.2 0.094 -9.000 -9.000 -999. 70. 14.5 0.0340 0.48 1.00 1.50 224.0 10.0 285.9 2.0 0
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16 5 31 152 22 -3.9 0.083 -9.000 -9.000 -999. 57. 12.8 0.0340 0.48 1.00 1.30 213.0 10.0 285.4 2.0 0
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16 5 31 152 23 -3.2 0.075 -9.000 -9.000 -999. 50. 12.0 0.0340 0.48 1.00 1.16 211.0 10.0 285.4 2.0 0
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16 5 31 152 24 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.48 1.00 1.08 166.0 10.0 285.4 2.0 0
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16 6 1 153 1 -2.3 0.068 -9.000 -9.000 -999. 42. 12.0 0.0420 0.59 1.00 0.91 165.0 10.0 285.4 2.0 0
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16 6 1 153 2 -6.2 0.104 -9.000 -9.000 -999. 81. 16.3 0.0420 0.59 1.00 1.59 167.0 10.0 284.9 2.0 0
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16 6 1 153 3 -6.7 0.106 -9.000 -9.000 -999. 83. 16.1 0.0280 0.59 1.00 1.74 184.0 10.0 284.9 2.0 0
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16 6 1 153 4 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0280 0.59 1.00 1.57 189.0 10.0 284.2 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 6 1 153 5 -3.9 0.083 -9.000 -9.000 -999. 57. 13.1 0.0420 0.59 1.00 1.25 171.0 10.0 284.2 2.0 0
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16 6 1 153 6 -3.3 0.082 -9.000 -9.000 -999. 56. 15.0 0.0420 0.59 0.47 1.25 151.0 10.0 284.2 2.0 0
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16 6 1 153 7 6.2 0.133 0.291 0.034 142. 117. -34.3 0.0280 0.59 0.27 1.77 193.0 10.0 285.1 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
16 6 1 153 8 18.6 0.193 0.430 0.031 153. 203. -34.6 0.0450 0.59 0.20 2.33 210.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 6 1 153 9 29.8 0.249 0.520 0.027 169. 298. -46.5 0.0280 0.59 0.18 3.36 209.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
16 6 1 153 10 39.1 0.238 0.590 0.028 188. 280. -31.2 0.0450 0.59 0.17 2.86 211.0 10.0 288.1 2.0 0
0.00 80. 1008. 10 ADJ-SFC NoSubs
16 6 1 153 11 181.8 0.302 1.134 0.017 289. 398. -13.6 0.0450 0.59 0.17 3.36 210.0 10.0 290.4 2.0 0

0.00 69. 1008. 5 ADJ-SFC NoSubs
16 6 1 153 12 201.2 0.339 1.250 0.014 350. 473. -17.3 0.0450 0.59 0.17 3.86 220.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-SFC NoSubs
16 6 1 153 13 201.8 0.339 1.288 0.014 381. 473. -17.3 0.0450 0.59 0.17 3.86 228.0 10.0 291.4 2.0 0
0.00 67. 1008. 0 ADJ-SFC NoSubs
16 6 1 153 14 191.2 0.405 1.303 0.010 416. 619. -31.3 0.0450 0.59 0.17 4.86 231.0 10.0 291.4 2.0 0
0.00 67. 1008. 0 ADJ-SFC NoSubs
16 6 1 153 15 168.3 0.372 1.315 0.013 486. 546. -27.5 0.0280 0.59 0.17 4.86 206.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-SFC NoSubs
16 6 1 153 16 134.0 0.363 1.287 0.012 572. 525. -32.1 0.0450 0.59 0.18 4.36 232.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-SFC NoSubs
16 6 1 153 17 91.7 0.297 1.150 0.011 596. 391. -25.7 0.0280 0.59 0.19 3.86 197.0 10.0 289.2 2.0 0
0.00 77. 1008. 0 ADJ-SFC NoSubs
16 6 1 153 18 42.5 0.274 0.894 0.010 605. 344. -43.5 0.0450 0.59 0.25 3.36 214.0 10.0 288.8 2.0 0
0.00 79. 1008. 0 ADJ-SFC NoSubs
16 6 1 153 19 1.5 0.214 0.292 0.011 603. 239. -597.3 0.0450 0.59 0.42 2.86 213.0 10.0 286.4 2.0 0
0.00 89. 1008. 7 ADJ-SFC NoSubs
16 6 1 153 20 -4.4 0.087 -9.000 -9.000 -999. 74. 13.1 0.0280 0.59 1.00 1.42 192.0 10.0 285.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
16 6 1 153 21 -4.7 0.089 -9.000 -9.000 -999. 64. 13.5 0.0280 0.59 1.00 1.47 197.0 10.0 285.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
16 6 1 153 22 -5.3 0.095 -9.000 -9.000 -999. 71. 14.7 0.0360 0.59 1.00 1.50 247.0 10.0 285.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
16 6 1 153 23 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.59 1.00 1.13 241.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 6 1 153 24 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0450 0.59 1.00 1.08 238.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 6 2 154 1 -3.1 0.075 -9.000 -9.000 -999. 50. 12.4 0.0450 0.59 1.00 1.09 210.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 6 2 154 2 -3.0 0.073 -9.000 -9.000 -999. 48. 11.7 0.0320 0.59 1.00 1.13 286.0 10.0 285.4 2.0 0
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16 6 2 154 3 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0320 0.59 1.00 1.09 277.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 6 2 154 4 -3.7 0.081 -9.000 -9.000 -999. 55. 12.9 0.0450 0.59 1.00 1.20 218.0 10.0 285.4 2.0 0
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16 6 2 154 5 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0390 0.59 1.00 1.43 121.0 10.0 284.9 2.0 0
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16 6 2 154 6 -6.4 0.114 -9.000 -9.000 -999. 93. 20.9 0.0280 0.59 0.47 1.84 182.0 10.0 284.2 2.0 0
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16 6 2 154 7 6.2 0.112 -9.000 -9.000 -999. 90. -20.4 0.0280 0.59 0.27 1.43 190.0 10.0 284.9 2.0 0
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16 6 2 154 8 18.9 0.106 -9.000 -9.000 -999. 83. -5.6 0.0420 0.59 0.20 1.08 151.0 10.0 285.9 2.0 0
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16 6 2 154 9 30.4 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.18 0.00 0.0 10.0 288.1 2.0 0
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16 6 2 154 10 163.8 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.17 0.00 0.0 10.0 291.4 2.0 0
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0.00 54. 1010. 0 ADJ-SFC NoSubs
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0.00 58. 1011. 0 ADJ-SFC NoSubs
16 6 2 154 14 192.2 0.375 -9.000 -9.000 -999. 551. -24.7 0.0280 0.59 0.17 4.86 195.0 10.0 293.8 2.0 0

0.00 60. 1010. 0 ADJ-SFC NoSubs
16 6 2 154 15 169.1 0.372 -9.000 -9.000 -999. 545. -27.5 0.0280 0.59 0.17 4.86 195.0 10.0 292.5 2.0 0
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16 6 2 154 16 135.5 0.336 -9.000 -9.000 -999. 468. -25.2 0.0280 0.59 0.18 4.36 185.0 10.0 292.0 2.0 0
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16 6 2 154 17 92.6 0.317 -9.000 -9.000 -999. 430. -31.1 0.0420 0.59 0.19 3.86 176.0 10.0 290.9 2.0 0
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16 6 2 154 18 42.6 0.267 -9.000 -9.000 -999. 333. -40.4 0.0280 0.59 0.25 3.58 195.0 10.0 287.5 2.0 0
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16 6 2 154 19 1.7 0.213 -9.000 -9.000 -999. 237. -521.4 0.0280 0.59 0.42 3.10 185.0 10.0 285.9 2.0 0
0.00 92. 1010. 7 ADJ-A1 NoSubs
16 6 2 154 20 -6.5 0.104 -9.000 -9.000 -999. 87. 15.8 0.0280 0.59 1.00 1.71 197.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 6 2 154 21 -2.3 0.068 -9.000 -9.000 -999. 42. 12.2 0.0450 0.59 1.00 0.89 231.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 6 2 154 22 -2.2 0.066 -9.000 -9.000 -999. 41. 11.7 0.0340 0.59 1.00 0.91 64.0 10.0 285.9 2.0 0
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16 6 2 154 23 -1.8 0.061 -9.000 -9.000 -999. 36. 11.9 0.0280 0.59 1.00 0.79 199.0 10.0 285.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 6 2 154 24 -3.7 0.080 -9.000 -9.000 -999. 54. 12.6 0.0370 0.59 1.00 1.23 45.0 10.0 285.9 2.0 0
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16 6 3 155 1 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.59 1.00 1.25 16.0 10.0 285.4 2.0 0
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16 6 3 155 2 -1.9 0.063 -9.000 -9.000 -999. 38. 11.9 0.0320 0.59 1.00 0.82 289.0 10.0 284.9 2.0 0
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0.00 100. 1009. 10 ADJ-A1 NoSubs
16 6 3 155 4 -3.0 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.59 1.00 1.09 261.0 10.0 282.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 6 3 155 5 -2.3 0.068 -9.000 -9.000 -999. 42. 12.1 0.0440 0.59 1.00 0.89 349.0 10.0 283.1 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 6 3 155 6 -2.3 0.083 -9.000 -9.000 -999. 57. 21.8 0.0380 0.59 0.47 1.26 311.0 10.0 283.1 2.0 0
0.00 96. 1010. 5 ADJ-A1 NoSubs
16 6 3 155 7 34.2 0.103 0.524 0.032 151. 80. -2.9 0.0420 0.59 0.27 0.96 161.0 10.0 287.5 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
16 6 3 155 8 84.9 0.142 0.787 0.029 207. 129. -3.0 0.0420 0.59 0.20 1.33 152.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
16 6 3 155 9 129.8 0.152 0.976 0.025 258. 142. -2.4 0.0420 0.59 0.18 1.37 155.0 10.0 294.2 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
16 6 3 155 10 167.0 0.149 1.128 0.020 310. 138. -1.8 0.0390 0.59 0.17 1.30 136.0 10.0 299.2 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
16 6 3 155 11 193.3 0.211 1.298 0.015 408. 232. -4.4 0.0390 0.59 0.17 2.11 139.0 10.0 302.5 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
16 6 3 155 12 205.9 0.323 1.424 0.012 505. 441. -14.8 0.0450 0.59 0.17 3.63 211.0 10.0 302.5 2.0 0
0.00 32. 1009. 0 ADJ-A1 NoSubs
16 6 3 155 13 206.3 0.311 1.447 0.008 529. 416. -13.1 0.0280 0.59 0.17 3.81 202.0 10.0 301.4 2.0 0
0.00 32. 1009. 0 ADJ-A1 NoSubs
16 6 3 155 14 195.0 0.375 1.439 0.005 551. 552. -24.4 0.0420 0.59 0.17 4.48 179.0 10.0 299.9 2.0 0
0.00 37. 1009. 0 ADJ-A1 NoSubs
16 6 3 155 15 171.3 0.384 1.442 0.005 631. 572. -29.8 0.0420 0.59 0.17 4.66 176.0 10.0 297.5 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
16 6 3 155 16 137.7 0.319 1.397 0.005 713. 435. -21.2 0.0420 0.59 0.18 3.76 169.0 10.0 297.0 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
16 6 3 155 17 94.6 0.293 1.355 0.005 945. 381. -23.9 0.0420 0.59 0.19 3.49 166.0 10.0 295.4 2.0 0

0.00 56. 1008. 0 ADJ-A1 NoSubs
16 6 3 155 18 43.5 0.304 1.066 0.005 1002. 403. -58.2 0.0420 0.59 0.25 3.85 178.0 10.0 289.2 2.0 0
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16 6 3 155 19 -5.0 0.189 -9.000 -9.000 -999. 204. 120.8 0.0420 0.59 0.42 2.69 165.0 10.0 286.4 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
16 6 3 155 20 -9.0 0.124 -9.000 -9.000 -999. 106. 19.1 0.0280 0.59 1.00 2.01 182.0 10.0 285.9 2.0 0
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16 6 3 155 21 -6.0 0.100 -9.000 -9.000 -999. 76. 15.2 0.0280 0.59 1.00 1.65 180.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 6 3 155 22 -2.3 0.066 -9.000 -9.000 -999. 41. 11.5 0.0320 0.59 1.00 0.94 283.0 10.0 285.9 2.0 0
0.00 96. 1008. 3 ADJ-A1 NoSubs
16 6 3 155 23 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0380 0.59 1.00 0.94 301.0 10.0 284.9 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
16 6 3 155 24 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0450 0.59 1.00 1.18 228.0 10.0 285.4 2.0 0
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16 6 4 156 1 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0440 0.59 1.00 1.09 349.0 10.0 285.9 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
16 6 4 156 2 -2.5 0.069 -9.000 -9.000 -999. 43. 11.5 0.0320 0.59 1.00 1.01 298.0 10.0 285.4 2.0 0
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16 6 4 156 3 -4.4 0.088 -9.000 -9.000 -999. 63. 13.9 0.0450 0.59 1.00 1.33 234.0 10.0 285.9 2.0 0
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16 6 4 156 4 -5.3 0.096 -9.000 -9.000 -999. 72. 15.0 0.0420 0.59 1.00 1.47 153.0 10.0 285.4 2.0 0
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16 6 4 156 5 -2.9 0.073 -9.000 -9.000 -999. 47. 11.6 0.0320 0.59 1.00 1.11 272.0 10.0 285.4 2.0 0
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16 6 4 156 6 -4.9 0.107 -9.000 -9.000 -999. 84. 22.2 0.0280 0.59 0.47 1.71 190.0 10.0 285.9 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
16 6 4 156 7 33.3 0.136 0.421 0.027 80. 120. -6.8 0.0420 0.59 0.27 1.42 165.0 10.0 287.0 2.0 0
0.00 92. 1008. 7 ADJ-A1 NoSubs
16 6 4 156 8 84.3 0.156 0.708 0.025 151. 148. -4.0 0.0420 0.59 0.20 1.52 166.0 10.0 288.8 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
16 6 4 156 9 128.5 0.237 0.922 0.016 219. 276. -9.3 0.0420 0.59 0.18 2.57 160.0 10.0 290.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 10 164.4 0.190 1.090 0.015 283. 199. -3.7 0.0280 0.59 0.17 2.01 185.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 11 188.6 0.288 1.218 0.009 345. 372. -11.4 0.0280 0.59 0.17 3.49 197.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 12 201.7 0.268 1.338 0.007 428. 333. -8.6 0.0280 0.59 0.17 3.15 209.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 13 202.3 0.367 1.497 0.006 596. 533. -21.9 0.0450 0.59 0.17 4.27 230.0 10.0 291.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 14 191.8 0.429 1.618 0.005 795. 673. -36.9 0.0360 0.59 0.17 5.44 240.0 10.0 291.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 15 169.2 0.410 1.682 0.005 1013. 630. -36.6 0.0450 0.59 0.17 4.97 230.0 10.0 291.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 16 136.3 0.320 1.593 0.005 1068. 440. -21.7 0.0450 0.59 0.18 3.73 214.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 17 93.5 0.325 1.417 0.005 1095. 444. -32.9 0.0280 0.59 0.19 4.29 207.0 10.0 291.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 18 44.1 0.283 1.107 0.005 1106. 361. -45.9 0.0280 0.59 0.25 3.81 206.0 10.0 289.9 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
16 6 4 156 19 -4.8 0.204 -9.000 -9.000 -999. 223. 157.3 0.0280 0.59 0.42 3.10 203.0 10.0 287.5 2.0 0
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16 6 4 156 20 -9.7 0.129 -9.000 -9.000 -999. 113. 19.8 0.0280 0.59 1.00 2.08 205.0 10.0 285.4 2.0 0

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16 6 4 156 21 -7.7 0.114 -9.000 -9.000 -999. 93. 17.4 0.0280 0.59 1.00 1.86 205.0 10.0 286.4 2.0 0
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16 6 4 156 22 -8.5 0.122 -9.000 -9.000 -999. 102. 19.0 0.0360 0.59 1.00 1.89 241.0 10.0 286.4 2.0 0
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16 6 4 156 23 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0360 0.59 1.00 1.43 242.0 10.0 286.4 2.0 0
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16 6 4 156 24 -6.6 0.106 -9.000 -9.000 -999. 83. 16.5 0.0360 0.59 1.00 1.67 263.0 10.0 286.4 2.0 0
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16 6 5 157 1 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0360 0.59 1.00 1.62 249.0 10.0 286.4 2.0 0
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16 6 5 157 2 -6.0 0.103 -9.000 -9.000 -999. 79. 16.2 0.0450 0.59 1.00 1.55 230.0 10.0 286.4 2.0 0
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16 6 5 157 4 -5.8 0.100 -9.000 -9.000 -999. 76. 15.4 0.0360 0.59 1.00 1.57 240.0 10.0 285.9 2.0 0
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16 6 5 157 5 -4.9 0.093 -9.000 -9.000 -999. 68. 14.6 0.0450 0.59 1.00 1.40 227.0 10.0 285.4 2.0 0
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16 6 5 157 6 -3.2 0.081 -9.000 -9.000 -999. 55. 14.9 0.0320 0.59 0.47 1.30 288.0 10.0 285.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
16 6 5 157 7 6.5 0.096 0.276 0.030 115. 72. -12.2 0.0450 0.59 0.27 1.06 233.0 10.0 285.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
16 6 5 157 8 19.3 0.144 0.491 0.033 219. 131. -13.9 0.0360 0.59 0.20 1.69 258.0 10.0 287.5 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
16 6 5 157 9 106.5 0.215 1.000 0.034 337. 239. -8.4 0.0450 0.59 0.18 2.27 215.0 10.0 289.2 2.0 0
0.00 77. 1008. 7 ADJ-A1 NoSubs
16 6 5 157 10 163.9 0.279 1.193 0.031 372. 354. -11.9 0.0280 0.59 0.17 3.39 183.0 10.0 290.9 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
16 6 5 157 11 188.9 0.301 1.269 0.025 389. 397. -13.0 0.0280 0.59 0.17 3.69 183.0 10.0 292.0 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
16 6 5 157 12 202.4 0.298 1.317 0.023 406. 391. -11.8 0.0450 0.59 0.17 3.27 218.0 10.0 294.2 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
16 6 5 157 13 203.8 0.310 1.338 0.019 422. 415. -13.1 0.0450 0.59 0.17 3.44 217.0 10.0 295.4 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
16 6 5 157 14 192.8 0.346 1.337 0.012 445. 487. -19.2 0.0280 0.59 0.17 4.39 207.0 10.0 293.8 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
16 6 5 157 15 169.7 0.388 1.303 0.012 469. 580. -30.9 0.0450 0.59 0.17 4.65 210.0 10.0 292.0 2.0 0
0.00 64. 1006. 0 ADJ-A1 NoSubs
16 6 5 157 16 136.2 0.341 1.300 0.012 580. 479. -26.1 0.0450 0.59 0.18 4.03 217.0 10.0 291.4 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
16 6 5 157 17 97.3 0.335 1.194 0.011 627. 466. -34.7 0.0450 0.59 0.19 4.05 217.0 10.0 289.9 2.0 0
0.00 74. 1006. 3 ADJ-A1 NoSubs
16 6 5 157 18 9.3 0.302 0.546 0.011 627. 398. -264.4 0.0450 0.59 0.25 3.98 222.0 10.0 287.5 2.0 0
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16 6 5 157 19 -9.4 0.212 -9.000 -9.000 -999. 238. 91.2 0.0360 0.59 0.41 3.12 240.0 10.0 286.4 2.0 0
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16 6 5 157 20 -13.7 0.157 -9.000 -9.000 -999. 150. 27.2 0.0450 0.59 1.00 2.30 227.0 10.0 286.4 2.0 0
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16 6 5 157 21 -5.5 0.096 -9.000 -9.000 -999. 73. 14.8 0.0320 0.59 1.00 1.55 272.0 10.0 286.4 2.0 0
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16 6 5 157 22 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.59 1.00 1.26 310.0 10.0 285.9 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 6 5 157 23 -3.7 0.081 -9.000 -9.000 -999. 56. 13.0 0.0450 0.59 1.00 1.21 232.0 10.0 285.9 2.0 0

0.00 96. 1006. 10 ADJ-A1 NoSubs
16 6 5 157 24 -8.4 0.122 -9.000 -9.000 -999. 102. 19.4 0.0450 0.59 1.00 1.82 234.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
16 6 6 158 1 -2.9 0.072 -9.000 -9.000 -999. 47. 11.4 0.0280 0.59 1.00 1.13 208.0 10.0 285.4 2.0 0
0.00 100. 1005. 10 ADJ-A1 NoSubs
16 6 6 158 2 -7.5 0.115 -9.000 -9.000 -999. 93. 18.1 0.0450 0.59 1.00 1.72 234.0 10.0 285.4 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
16 6 6 158 3 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0360 0.59 1.00 1.06 260.0 10.0 285.4 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
16 6 6 158 4 -2.6 0.070 -9.000 -9.000 -999. 44. 11.7 0.0360 0.59 1.00 1.01 269.0 10.0 285.4 2.0 0
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0.00 96. 1005. 10 ADJ-A1 NoSubs
16 6 6 158 6 -3.1 0.080 -9.000 -9.000 -999. 54. 14.5 0.0280 0.59 0.47 1.31 209.0 10.0 285.4 2.0 0
0.00 100. 1005. 10 ADJ-A1 NoSubs
16 6 6 158 7 6.6 0.099 0.352 0.018 236. 75. -13.3 0.0390 0.59 0.27 1.14 121.0 10.0 285.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
16 6 6 158 8 19.0 0.125 0.539 0.025 296. 106. -9.2 0.0390 0.59 0.20 1.38 145.0 10.0 285.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
16 6 6 158 9 30.2 0.144 0.679 0.037 371. 131. -8.9 0.0280 0.59 0.18 1.70 206.0 10.0 287.0 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
16 6 6 158 10 39.2 0.207 0.790 0.043 451. 226. -20.2 0.0280 0.59 0.17 2.64 192.0 10.0 288.1 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
16 6 6 158 11 45.6 0.243 0.876 0.044 530. 288. -28.3 0.0280 0.59 0.17 3.18 200.0 10.0 288.8 2.0 0
0.00 79. 1006. 10 ADJ-A1 NoSubs
16 6 6 158 12 48.9 0.324 0.909 0.044 551. 442. -62.3 0.0280 0.59 0.17 4.44 199.0 10.0 289.2 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
16 6 6 158 13 164.2 0.408 1.379 0.037 573. 625. -37.1 0.0450 0.59 0.17 4.95 229.0 10.0 290.9 2.0 0
0.00 67. 1006. 7 ADJ-A1 NoSubs
16 6 6 158 14 156.1 0.390 1.372 0.039 594. 586. -34.1 0.0450 0.59 0.17 4.71 230.0 10.0 290.9 2.0 0
0.00 69. 1006. 7 ADJ-A1 NoSubs
16 6 6 158 15 164.7 0.373 1.422 0.037 626. 547. -28.3 0.0450 0.59 0.17 4.44 219.0 10.0 290.9 2.0 0
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16 6 6 158 17 93.9 0.337 1.212 0.034 679. 470. -36.6 0.0450 0.59 0.19 4.09 219.0 10.0 288.8 2.0 0
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16 6 6 158 18 41.1 0.320 0.922 0.034 684. 434. -71.1 0.0450 0.59 0.25 4.03 213.0 10.0 287.5 2.0 0
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16 6 6 158 19 -8.2 0.196 -9.000 -9.000 -999. 217. 83.2 0.0450 0.59 0.41 2.78 230.0 10.0 287.0 2.0 0
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16 6 6 158 20 -21.8 0.222 -9.000 -9.000 -999. 251. 54.1 0.0450 0.59 1.00 3.18 229.0 10.0 287.0 2.0 0
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16 6 6 158 21 -15.5 0.166 -9.000 -9.000 -999. 163. 30.4 0.0360 0.59 1.00 2.52 248.0 10.0 287.0 2.0 0
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16 6 6 158 22 -7.2 0.113 -9.000 -9.000 -999. 91. 17.8 0.0450 0.59 1.00 1.69 236.0 10.0 286.4 2.0 0
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16 6 6 158 23 -4.8 0.092 -9.000 -9.000 -999. 66. 14.4 0.0450 0.59 1.00 1.38 228.0 10.0 286.4 2.0 0
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16 6 7 159 2 -3.3 0.076 -9.000 -9.000 -999. 50. 11.9 0.0320 0.59 1.00 1.18 290.0 10.0 285.9 2.0 0

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16 6 7 159 3 -6.2 0.104 -9.000 -9.000 -999. 81. 16.4 0.0450 0.59 1.00 1.57 229.0 10.0 285.9 2.0 0
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16 6 7 159 4 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.59 1.00 1.25 269.0 10.0 285.9 2.0 0
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16 6 7 159 5 -2.6 0.069 -9.000 -9.000 -999. 44. 11.5 0.0320 0.59 1.00 1.03 274.0 10.0 285.9 2.0 0
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16 6 7 159 6 -6.2 0.116 -9.000 -9.000 -999. 95. 22.6 0.0450 0.59 0.47 1.71 214.0 10.0 285.9 2.0 0
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0.00 92. 1008. 10 ADJ-A1 NoSubs
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16 6 7 159 10 39.5 0.174 0.882 0.041 624. 174. -11.9 0.0280 0.59 0.17 2.11 180.0 10.0 289.2 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
16 6 7 159 11 153.9 0.236 1.404 0.039 647. 274. -7.6 0.0420 0.59 0.17 2.50 167.0 10.0 292.0 2.0 0
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16 6 7 159 12 202.2 0.301 1.560 0.037 676. 396. -12.1 0.0280 0.59 0.17 3.66 188.0 10.0 293.1 2.0 0
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16 6 7 159 13 203.1 0.370 1.583 0.034 703. 540. -22.4 0.0280 0.59 0.17 4.76 208.0 10.0 292.5 2.0 0
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16 6 7 159 14 192.7 0.421 1.574 0.032 728. 656. -34.8 0.0450 0.59 0.17 5.09 226.0 10.0 292.5 2.0 0
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16 6 7 159 15 172.9 0.467 1.532 0.029 749. 766. -53.1 0.0450 0.59 0.17 5.80 237.0 10.0 291.4 2.0 0
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16 6 7 159 16 113.2 0.410 1.340 0.029 766. 633. -54.8 0.0450 0.59 0.18 5.10 233.0 10.0 291.4 2.0 0
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16 6 7 159 17 22.2 0.332 0.780 0.029 769. 462. -147.9 0.0450 0.59 0.19 4.31 217.0 10.0 289.2 2.0 0
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16 6 7 159 18 10.0 0.260 0.598 0.029 772. 320. -157.8 0.0280 0.59 0.25 3.69 205.0 10.0 289.2 2.0 0
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16 6 7 159 19 -7.7 0.204 -9.000 -9.000 -999. 222. 99.5 0.0280 0.59 0.41 3.13 194.0 10.0 288.1 2.0 0
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16 6 7 159 20 -10.5 0.137 -9.000 -9.000 -999. 123. 21.9 0.0420 0.59 1.00 2.05 161.0 10.0 287.5 2.0 0
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16 6 7 159 21 -9.1 0.126 -9.000 -9.000 -999. 108. 20.0 0.0390 0.59 1.00 1.93 142.0 10.0 287.5 2.0 0
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16 6 7 159 22 -12.0 0.146 -9.000 -9.000 -999. 133. 23.3 0.0360 0.59 1.00 2.23 116.0 10.0 287.0 2.0 0
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16 6 7 159 23 -11.8 0.144 -9.000 -9.000 -999. 132. 23.0 0.0370 0.59 1.00 2.20 55.0 10.0 287.5 2.0 0
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16 6 7 159 24 -9.4 0.129 -9.000 -9.000 -999. 111. 20.3 0.0370 0.59 1.00 1.98 35.0 10.0 287.5 2.0 0
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16 6 8 160 1 -12.8 0.150 -9.000 -9.000 -999. 140. 24.9 0.0340 0.59 1.00 2.32 68.0 10.0 287.5 2.0 0
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16 6 8 160 2 -12.6 0.149 -9.000 -9.000 -999. 138. 24.5 0.0360 0.59 1.00 2.28 119.0 10.0 287.0 2.0 0
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16 6 8 160 3 -13.4 0.154 -9.000 -9.000 -999. 146. 26.2 0.0390 0.59 1.00 2.32 145.0 10.0 286.4 2.0 0
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16 6 8 160 4 -6.8 0.108 -9.000 -9.000 -999. 85. 16.4 0.0280 0.59 1.00 1.76 199.0 10.0 286.4 2.0 0
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16 6 8 160 7 6.9 0.125 0.508 0.032 685. 106. -25.7 0.0360 0.59 0.27 1.55 258.0 10.0 287.0 2.0 0
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16 6 8 160 8 19.4 0.128 0.718 0.032 688. 110. -9.8 0.0360 0.59 0.20 1.45 259.0 10.0 287.5 2.0 0
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16 6 8 160 9 30.8 0.126 0.840 0.032 692. 107. -5.9 0.0280 0.59 0.18 1.42 201.0 10.0 289.2 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
16 6 8 160 10 40.4 0.232 0.922 0.031 697. 268. -27.8 0.0450 0.59 0.17 2.76 222.0 10.0 292.0 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
16 6 8 160 11 192.0 0.337 1.567 0.029 722. 469. -17.9 0.0280 0.59 0.17 4.25 207.0 10.0 292.5 2.0 0
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16 6 8 160 12 202.1 0.331 1.603 0.027 734. 457. -16.2 0.0280 0.59 0.17 4.14 192.0 10.0 292.5 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
16 6 8 160 13 203.2 0.302 1.614 0.025 745. 399. -12.2 0.0280 0.59 0.17 3.68 184.0 10.0 292.5 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
16 6 8 160 14 193.5 0.308 1.595 0.023 756. 410. -13.6 0.0420 0.59 0.17 3.48 165.0 10.0 294.2 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
16 6 8 160 15 171.1 0.305 1.538 0.021 765. 405. -15.0 0.0390 0.59 0.17 3.54 134.0 10.0 294.2 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
16 6 8 160 16 138.2 0.293 1.437 0.020 772. 380. -16.3 0.0360 0.59 0.18 3.48 115.0 10.0 294.9 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
16 6 8 160 17 95.3 0.349 1.272 0.019 776. 496. -40.2 0.0360 0.59 0.19 4.46 101.0 10.0 292.5 2.0 0
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16 6 8 160 18 45.7 0.385 0.996 0.019 777. 573. -112.2 0.0360 0.59 0.25 5.17 92.0 10.0 289.9 2.0 0
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16 6 8 160 19 -5.2 0.329 -9.000 -9.000 -999. 456. 618.3 0.0360 0.59 0.41 4.68 91.0 10.0 288.8 2.0 0
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16 6 8 160 21 -22.3 0.227 -9.000 -9.000 -999. 260. 56.7 0.0370 0.59 1.00 3.37 57.0 10.0 287.0 2.0 0
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16 6 8 160 22 -21.1 0.215 -9.000 -9.000 -999. 239. 50.6 0.0340 0.59 1.00 3.24 76.0 10.0 287.0 2.0 0
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16 6 8 160 23 -12.6 0.149 -9.000 -9.000 -999. 139. 24.5 0.0370 0.59 1.00 2.27 53.0 10.0 287.0 2.0 0
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16 6 8 160 24 -14.9 0.162 -9.000 -9.000 -999. 157. 29.0 0.0340 0.59 1.00 2.49 83.0 10.0 286.4 2.0 0
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16 6 9 161 1 -7.5 0.114 -9.000 -9.000 -999. 93. 17.8 0.0370 0.59 1.00 1.77 52.0 10.0 287.0 2.0 0
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16 6 9 161 2 -11.9 0.145 -9.000 -9.000 -999. 132. 23.1 0.0370 0.59 1.00 2.21 54.0 10.0 286.4 2.0 0
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16 6 9 161 3 -3.3 0.076 -9.000 -9.000 -999. 52. 12.1 0.0340 0.59 1.00 1.18 60.0 10.0 286.4 2.0 0
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16 6 9 161 4 -4.6 0.089 -9.000 -9.000 -999. 64. 13.9 0.0380 0.59 1.00 1.39 322.0 10.0 286.4 2.0 0
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0.00 89. 1008. 10 ADJ-SFC NoSubs
16 6 9 161 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.47 0.00 0.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-SFC NoSubs
16 6 9 161 7 6.9 0.119 0.527 0.026 763. 99. -22.1 0.0450 0.59 0.27 1.39 222.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
16 6 9 161 8 19.3 0.158 0.744 0.025 769. 150. -18.3 0.0450 0.59 0.20 1.81 233.0 10.0 287.0 2.0 0

0.00 89. 1010. 10 ADJ-A1 NoSubs
16 6 9 161 9 30.5 0.141 0.870 0.025 778. 128. -8.3 0.0360 0.59 0.18 1.57 246.0 10.0 288.1 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
16 6 9 161 10 39.7 0.161 0.956 0.025 791. 154. -9.4 0.0450 0.59 0.17 1.72 232.0 10.0 289.9 2.0 0
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16 6 9 161 11 191.7 0.282 1.652 0.024 848. 359. -10.5 0.0280 0.59 0.17 3.38 182.0 10.0 291.4 2.0 0
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16 6 9 161 12 204.3 0.315 1.721 0.023 899. 424. -13.8 0.0280 0.59 0.17 3.88 191.0 10.0 291.4 2.0 0
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16 6 9 161 13 203.5 0.306 1.749 0.023 948. 406. -12.7 0.0280 0.59 0.17 3.74 195.0 10.0 293.1 2.0 0
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16 6 9 161 14 193.5 0.301 1.735 0.022 972. 397. -12.7 0.0280 0.59 0.17 3.68 190.0 10.0 293.8 2.0 0
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16 6 9 161 15 171.1 0.289 1.673 0.021 986. 374. -12.7 0.0280 0.59 0.17 3.54 181.0 10.0 293.8 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
16 6 9 161 16 137.9 0.312 1.563 0.020 997. 419. -19.9 0.0420 0.59 0.18 3.66 171.0 10.0 293.1 2.0 0
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16 6 9 161 17 95.8 0.276 1.387 0.019 1001. 349. -19.8 0.0390 0.59 0.19 3.29 134.0 10.0 293.1 2.0 0
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16 6 9 161 18 46.6 0.324 1.091 0.019 1003. 442. -65.6 0.0360 0.59 0.25 4.25 116.0 10.0 291.4 2.0 0
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16 6 10 162 7 6.5 0.096 0.381 0.019 306. 72. -12.4 0.0420 0.59 0.27 1.08 167.0 10.0 285.4 2.0 0
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16 6 10 162 10 166.7 0.176 1.251 0.016 424. 177. -2.9 0.0340 0.59 0.17 1.72 87.0 10.0 289.9 2.0 0
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16 6 10 162 12 202.8 0.297 1.453 0.010 546. 388. -11.6 0.0420 0.59 0.17 3.30 172.0 10.0 294.2 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
16 6 10 162 13 204.9 0.289 1.530 0.008 631. 372. -10.6 0.0420 0.59 0.17 3.18 166.0 10.0 296.4 2.0 0
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16 6 10 162 14 194.7 0.293 1.581 0.006 732. 380. -11.6 0.0420 0.59 0.17 3.25 168.0 10.0 296.4 2.0 0
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16 6 10 162 15 172.9 0.266 1.567 0.005 802. 330. -9.8 0.0390 0.59 0.17 2.96 148.0 10.0 297.5 2.0 0
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16 6 10 162 16 139.4 0.282 1.496 0.005 865. 358. -14.4 0.0420 0.59 0.18 3.20 175.0 10.0 296.4 2.0 0
0.00 40. 1008. 0 ADJ-A1 NoSubs
16 6 10 162 17 97.6 0.282 1.384 0.005 978. 360. -20.7 0.0390 0.59 0.19 3.37 126.0 10.0 297.0 2.0 0
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16 6 10 162 18 47.7 0.391 1.102 0.006 1010. 586. -112.5 0.0390 0.59 0.24 5.17 120.0 10.0 293.8 2.0 0
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16 6 10 162 20 -20.7 0.212 -9.000 -9.000 -999. 235. 49.3 0.0340 0.59 1.00 3.20 85.0 10.0 288.8 2.0 0
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16 6 11 163 3 -8.3 0.121 -9.000 -9.000 -999. 101. 19.0 0.0440 0.59 1.00 1.81 338.0 10.0 282.5 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
16 6 11 163 4 -8.6 0.122 -9.000 -9.000 -999. 102. 19.0 0.0380 0.59 1.00 1.88 315.0 10.0 282.0 2.0 0
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16 6 11 163 5 -9.1 0.126 -9.000 -9.000 -999. 107. 19.6 0.0380 0.59 1.00 1.93 315.0 10.0 282.0 2.0 0
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16 6 11 163 6 -5.1 0.110 -9.000 -9.000 -999. 88. 23.5 0.0380 0.59 0.47 1.67 316.0 10.0 283.1 2.0 0
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16 6 11 163 7 34.4 0.115 0.640 0.023 274. 94. -4.0 0.0440 0.59 0.27 1.11 333.0 10.0 285.9 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
16 6 11 163 8 84.6 0.146 0.916 0.021 327. 134. -3.3 0.0420 0.59 0.20 1.38 154.0 10.0 288.8 2.0 0
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16 6 11 163 9 129.1 0.173 1.153 0.019 427. 173. -3.6 0.0390 0.59 0.18 1.69 130.0 10.0 291.4 2.0 0
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16 6 11 163 10 165.2 0.223 1.373 0.016 563. 253. -6.1 0.0420 0.59 0.17 2.30 156.0 10.0 294.2 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
16 6 11 163 11 189.2 0.382 1.460 0.014 592. 568. -26.6 0.0450 0.59 0.17 4.53 213.0 10.0 292.0 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
16 6 11 163 12 202.5 0.416 1.518 0.009 622. 642. -31.9 0.0450 0.59 0.17 4.99 216.0 10.0 293.1 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
16 6 11 163 13 204.3 0.461 1.558 0.005 667. 750. -43.1 0.0450 0.59 0.17 5.65 218.0 10.0 294.9 2.0 0
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16 6 11 163 14 193.8 0.411 1.560 0.007 706. 635. -32.2 0.0450 0.59 0.17 4.94 214.0 10.0 293.8 2.0 0

0.00 48. 1009. 0 ADJ-A1 NoSubs
16 6 11 163 15 171.7 0.375 1.522 0.005 739. 553. -27.7 0.0450 0.59 0.17 4.46 213.0 10.0 294.2 2.0 0
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16 6 11 163 16 137.8 0.390 1.429 0.005 762. 585. -38.7 0.0450 0.59 0.18 4.75 232.0 10.0 291.4 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
16 6 11 163 17 95.7 0.340 1.279 0.005 788. 477. -36.8 0.0450 0.59 0.19 4.12 231.0 10.0 290.9 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
16 6 11 163 18 46.9 0.256 1.014 0.005 800. 314. -32.2 0.0360 0.59 0.24 3.22 250.0 10.0 290.4 2.0 0
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16 6 11 163 19 -2.1 0.186 -9.000 -9.000 -999. 194. 268.8 0.0450 0.59 0.40 2.57 237.0 10.0 288.8 2.0 0
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16 6 11 163 20 -5.2 0.095 -9.000 -9.000 -999. 74. 14.5 0.0320 0.59 1.00 1.52 280.0 10.0 289.2 2.0 0
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16 6 11 163 21 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0360 0.59 1.00 1.45 259.0 10.0 287.0 2.0 0
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16 6 11 163 22 -4.2 0.085 -9.000 -9.000 -999. 59. 13.2 0.0360 0.59 1.00 1.33 259.0 10.0 286.4 2.0 0
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16 6 11 163 23 -9.6 0.130 -9.000 -9.000 -999. 112. 20.5 0.0380 0.59 1.00 1.99 306.0 10.0 285.9 2.0 0
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16 6 11 163 24 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0380 0.59 1.00 2.06 304.0 10.0 284.9 2.0 0
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16 6 12 164 1 -3.7 0.081 -9.000 -9.000 -999. 56. 13.0 0.0450 0.59 1.00 1.21 228.0 10.0 284.2 2.0 0
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16 6 12 164 2 -4.2 0.085 -9.000 -9.000 -999. 60. 13.5 0.0450 0.59 1.00 1.28 234.0 10.0 283.8 2.0 0
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16 6 12 164 3 -7.5 0.114 -9.000 -9.000 -999. 93. 18.0 0.0440 0.59 1.00 1.72 351.0 10.0 284.9 2.0 0
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16 6 12 164 4 -7.7 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.59 1.00 1.79 317.0 10.0 285.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
16 6 12 164 5 -3.5 0.078 -9.000 -9.000 -999. 52. 12.2 0.0320 0.59 1.00 1.23 283.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 6 12 164 6 -2.9 0.078 -9.000 -9.000 -999. 52. 15.0 0.0360 0.59 0.47 1.23 258.0 10.0 287.5 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 6 12 164 7 7.2 0.183 0.258 0.015 86. 188. -77.4 0.0280 0.59 0.27 2.54 202.0 10.0 288.1 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
16 6 12 164 8 19.7 0.230 0.459 0.018 177. 264. -55.4 0.0280 0.59 0.20 3.13 199.0 10.0 288.8 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
16 6 12 164 9 30.6 0.291 0.607 0.021 264. 377. -72.9 0.0450 0.59 0.18 3.68 230.0 10.0 288.8 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
16 6 12 164 10 39.4 0.291 0.722 0.021 345. 377. -56.6 0.0450 0.59 0.17 3.63 220.0 10.0 288.8 2.0 0
0.00 79. 1013. 10 ADJ-A1 NoSubs
16 6 12 164 11 45.8 0.322 0.811 0.022 420. 439. -66.1 0.0450 0.59 0.17 4.05 231.0 10.0 289.2 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
16 6 12 164 12 49.0 0.327 0.841 0.022 438. 448. -64.3 0.0450 0.59 0.17 4.10 231.0 10.0 289.2 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
16 6 12 164 13 164.8 0.368 1.304 0.022 487. 536. -27.3 0.0450 0.59 0.17 4.37 221.0 10.0 291.4 2.0 0
0.00 65. 1013. 7 ADJ-A1 NoSubs
16 6 12 164 14 193.3 0.359 1.480 0.020 606. 515. -21.5 0.0450 0.59 0.17 4.17 226.0 10.0 292.0 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 6 12 164 15 171.1 0.397 1.451 0.018 646. 600. -33.0 0.0450 0.59 0.17 4.78 227.0 10.0 292.0 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 6 12 164 16 138.0 0.361 1.371 0.016 675. 521. -30.7 0.0450 0.59 0.18 4.32 223.0 10.0 291.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
16 6 12 164 17 99.5 0.350 1.241 0.015 695. 498. -39.1 0.0450 0.59 0.19 4.27 221.0 10.0 289.9 2.0 0

0.00 69. 1013. 3 ADJ-A1 NoSubs
16 6 12 164 18 51.4 0.282 1.001 0.015 705. 362. -39.5 0.0450 0.59 0.24 3.44 226.0 10.0 289.2 2.0 0
0.00 71. 1013. 3 ADJ-A1 NoSubs
16 6 12 164 19 -3.3 0.286 -9.000 -9.000 -999. 367. 636.0 0.0450 0.59 0.40 3.90 216.0 10.0 287.5 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 6 12 164 20 -18.3 0.184 -9.000 -9.000 -999. 195. 37.4 0.0450 0.59 1.00 2.67 222.0 10.0 286.4 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
16 6 12 164 21 -9.4 0.129 -9.000 -9.000 -999. 111. 20.5 0.0450 0.59 1.00 1.91 219.0 10.0 285.9 2.0 0
0.00 86. 1014. 3 ADJ-A1 NoSubs
16 6 12 164 22 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0320 0.59 1.00 1.20 281.0 10.0 286.4 2.0 0
0.00 83. 1014. 7 ADJ-A1 NoSubs
16 6 12 164 23 -5.4 0.096 -9.000 -9.000 -999. 71. 14.7 0.0320 0.59 1.00 1.54 270.0 10.0 287.0 2.0 0
0.00 83. 1014. 10 ADJ-A1 NoSubs
16 6 12 164 24 -9.5 0.128 -9.000 -9.000 -999. 109. 19.7 0.0280 0.59 1.00 2.06 208.0 10.0 287.0 2.0 0
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16 6 13 165 1 -12.3 0.148 -9.000 -9.000 -999. 137. 24.2 0.0450 0.59 1.00 2.18 221.0 10.0 287.0 2.0 0
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16 6 13 165 2 -15.7 0.168 -9.000 -9.000 -999. 166. 31.2 0.0450 0.59 1.00 2.45 216.0 10.0 286.4 2.0 0
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16 6 13 165 3 -16.2 0.171 -9.000 -9.000 -999. 170. 32.3 0.0450 0.59 1.00 2.49 218.0 10.0 286.4 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
16 6 13 165 4 -13.8 0.157 -9.000 -9.000 -999. 150. 27.2 0.0450 0.59 1.00 2.30 223.0 10.0 286.4 2.0 0
0.00 83. 1014. 10 ADJ-A1 NoSubs
16 6 13 165 5 -14.4 0.161 -9.000 -9.000 -999. 155. 28.5 0.0450 0.59 1.00 2.35 228.0 10.0 286.4 2.0 0
0.00 83. 1014. 10 ADJ-A1 NoSubs
16 6 13 165 6 -10.6 0.161 -9.000 -9.000 -999. 155. 35.3 0.0280 0.59 0.47 2.52 195.0 10.0 286.4 2.0 0
0.00 83. 1014. 10 ADJ-A1 NoSubs
16 6 13 165 7 6.7 0.192 0.401 0.024 346. 202. -95.5 0.0450 0.59 0.27 2.46 211.0 10.0 286.4 2.0 0
0.00 83. 1015. 10 ADJ-A1 NoSubs
16 6 13 165 8 19.1 0.224 0.613 0.026 435. 255. -53.4 0.0280 0.59 0.20 3.05 192.0 10.0 286.4 2.0 0
0.00 83. 1015. 10 ADJ-A1 NoSubs
16 6 13 165 9 30.2 0.212 0.770 0.031 547. 235. -28.8 0.0420 0.59 0.18 2.57 173.0 10.0 287.0 2.0 0
0.00 80. 1015. 10 ADJ-A1 NoSubs
16 6 13 165 10 39.1 0.256 0.864 0.032 598. 311. -38.8 0.0280 0.59 0.17 3.42 204.0 10.0 287.5 2.0 0
0.00 80. 1015. 10 ADJ-A1 NoSubs
16 6 13 165 11 45.5 0.309 0.916 0.032 612. 413. -59.0 0.0280 0.59 0.17 4.23 194.0 10.0 288.1 2.0 0
0.00 77. 1015. 10 ADJ-A1 NoSubs
16 6 13 165 12 48.9 0.379 0.946 0.031 627. 560. -101.0 0.0450 0.59 0.17 4.86 235.0 10.0 288.8 2.0 0
0.00 74. 1015. 10 ADJ-SFC NoSubs
16 6 13 165 13 49.5 0.379 0.956 0.031 638. 561. -99.8 0.0450 0.59 0.17 4.86 219.0 10.0 289.9 2.0 0
0.00 66. 1015. 10 ADJ-SFC NoSubs
16 6 13 165 14 156.9 0.402 1.422 0.030 663. 612. -37.5 0.0280 0.59 0.17 5.36 196.0 10.0 290.9 2.0 0
0.00 62. 1014. 7 ADJ-SFC NoSubs
16 6 13 165 15 170.8 0.372 1.475 0.028 681. 546. -27.4 0.0280 0.59 0.17 4.86 180.0 10.0 290.4 2.0 0
0.00 67. 1014. 0 ADJ-SFC NoSubs
16 6 13 165 16 138.1 0.288 1.385 0.026 696. 376. -15.7 0.0390 0.59 0.18 3.36 138.0 10.0 290.9 2.0 0
0.00 64. 1013. 0 ADJ-SFC NoSubs
16 6 13 165 17 96.2 0.246 1.234 0.025 705. 294. -14.0 0.0373 0.59 0.19 2.86 999.0 10.0 290.9 2.0 0
0.00 67. 1013. 0 ADJ-SFC NoSubs
16 6 13 165 18 47.6 0.298 0.978 0.024 710. 391. -50.5 0.0360 0.59 0.24 3.86 94.0 10.0 290.4 2.0 0
0.00 67. 1013. 0 ADJ-SFC NoSubs
16 6 13 165 19 -2.7 0.269 -9.000 -9.000 -999. 335. 639.4 0.0340 0.59 0.40 3.86 76.0 10.0 287.5 2.0 0
0.00 80. 1013. 0 ADJ-SFC NoSubs
16 6 13 165 20 -13.4 0.153 -9.000 -9.000 -999. 151. 25.8 0.0340 0.59 1.00 2.36 69.0 10.0 286.4 2.0 0

0.00 83. 1013. 0 ADJ-SFC NoSubs
16 6 13 165 21 -7.3 0.113 -9.000 -9.000 -999. 91. 17.5 0.0370 0.59 1.00 1.75 31.0 10.0 286.4 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
16 6 13 165 22 -6.4 0.105 -9.000 -9.000 -999. 82. 16.5 0.0440 0.59 1.00 1.59 360.0 10.0 285.4 2.0 0
0.00 86. 1014. 3 ADJ-A1 NoSubs
16 6 13 165 23 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.59 1.00 1.54 322.0 10.0 284.9 2.0 0
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16 6 13 165 24 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0380 0.59 1.00 1.40 329.0 10.0 285.4 2.0 0
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16 6 14 166 1 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0380 0.59 1.00 1.04 328.0 10.0 285.4 2.0 0
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16 6 14 166 2 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0370 0.59 1.00 1.37 46.0 10.0 285.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 6 14 166 3 -2.5 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.59 1.00 0.97 250.0 10.0 283.8 2.0 0
0.00 96. 1012. 7 ADJ-A1 NoSubs
16 6 14 166 4 -3.2 0.075 -9.000 -9.000 -999. 49. 11.8 0.0320 0.59 1.00 1.16 273.0 10.0 283.1 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 6 14 166 5 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0360 0.59 1.00 1.30 264.0 10.0 284.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 6 14 166 6 -2.3 0.069 -9.000 -9.000 -999. 44. 13.0 0.0360 0.59 0.47 1.08 252.0 10.0 284.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 6 14 166 7 6.4 0.108 0.426 0.016 438. 85. -17.7 0.0450 0.59 0.27 1.23 239.0 10.0 284.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 6 14 166 8 72.4 0.138 0.979 0.015 467. 123. -3.3 0.0390 0.59 0.20 1.33 123.0 10.0 288.8 2.0 0
0.00 68. 1013. 7 ADJ-A1 NoSubs
16 6 14 166 9 130.3 0.181 1.230 0.014 516. 185. -4.1 0.0420 0.59 0.18 1.77 154.0 10.0 289.1 2.0 0
0.00 62. 1012. 4 ADJ-A1 NoSubs
16 6 14 166 10 166.8 0.273 1.383 0.013 573. 342. -11.0 0.0280 0.59 0.17 3.29 189.0 10.0 290.4 2.0 0
0.00 57. 1012. 3 ADJ-A1 NoSubs
16 6 14 166 11 189.2 0.336 1.490 0.012 632. 467. -18.1 0.0280 0.59 0.17 4.24 209.0 10.0 292.0 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
16 6 14 166 12 202.6 0.365 1.578 0.011 700. 529. -21.6 0.0280 0.59 0.17 4.68 199.0 10.0 293.1 2.0 0
0.00 46. 1011. 0 ADJ-A1 NoSubs
16 6 14 166 13 204.3 0.330 1.649 0.011 793. 456. -15.9 0.0280 0.59 0.17 4.12 203.0 10.0 294.2 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
16 6 14 166 14 194.8 0.377 1.712 0.011 929. 555. -24.7 0.0280 0.59 0.17 4.88 209.0 10.0 295.4 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
16 6 14 166 15 172.5 0.472 1.693 0.010 1015. 778. -54.9 0.0450 0.59 0.17 5.87 222.0 10.0 294.9 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
16 6 14 166 16 139.7 0.489 1.597 0.010 1052. 820. -75.2 0.0450 0.59 0.18 6.18 230.0 10.0 294.9 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
16 6 14 166 17 97.5 0.393 1.428 0.010 1076. 598. -56.0 0.0360 0.59 0.19 5.11 251.0 10.0 293.8 2.0 0
0.00 37. 1009. 0 ADJ-A1 NoSubs
16 6 14 166 18 48.2 0.382 1.132 0.009 1085. 568. -104.4 0.0360 0.59 0.24 5.12 249.0 10.0 291.4 2.0 0
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16 6 14 166 19 -1.8 0.306 -9.000 -9.000 -999. 410. 1449.0 0.0360 0.59 0.40 4.32 245.0 10.0 289.9 2.0 0
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16 6 14 166 20 -18.1 0.185 -9.000 -9.000 -999. 199. 37.4 0.0360 0.59 1.00 2.78 259.0 10.0 287.5 2.0 0
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16 6 14 166 21 -24.9 0.252 -9.000 -9.000 -999. 304. 70.1 0.0370 0.59 1.00 3.73 59.0 10.0 286.4 2.0 0
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16 6 14 166 22 -16.9 0.173 -9.000 -9.000 -999. 175. 32.8 0.0340 0.59 1.00 2.64 70.0 10.0 284.9 2.0 0
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16 6 14 166 23 -7.7 0.115 -9.000 -9.000 -999. 95. 17.9 0.0370 0.59 1.00 1.79 49.0 10.0 284.9 2.0 0

0.00 76. 1010. 0 ADJ-A1 NoSubs
16 6 14 166 24 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.59 1.00 1.20 55.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
16 6 15 167 1 -3.8 0.081 -9.000 -9.000 -999. 56. 12.7 0.0380 0.59 1.00 1.25 323.0 10.0 282.5 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
16 6 15 167 2 -7.3 0.112 -9.000 -9.000 -999. 90. 17.4 0.0380 0.59 1.00 1.74 317.0 10.0 282.0 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
16 6 15 167 3 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0380 0.59 1.00 1.65 316.0 10.0 282.0 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
16 6 15 167 4 -11.5 0.142 -9.000 -9.000 -999. 128. 22.3 0.0380 0.59 1.00 2.16 315.0 10.0 280.9 2.0 0
0.00 88. 1010. 0 ADJ-A1 NoSubs
16 6 15 167 5 -11.0 0.138 -9.000 -9.000 -999. 124. 21.7 0.0380 0.59 1.00 2.11 312.0 10.0 280.9 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
16 6 15 167 6 -3.6 0.091 -9.000 -9.000 -999. 66. 18.9 0.0380 0.59 0.47 1.40 317.0 10.0 282.0 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
16 6 15 167 7 34.0 0.119 0.652 0.008 293. 98. -4.4 0.0370 0.59 0.27 1.21 19.0 10.0 284.9 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
16 6 15 167 8 88.0 0.154 0.943 0.007 343. 145. -3.7 0.0360 0.59 0.20 1.54 112.0 10.0 287.5 2.0 0
0.00 61. 1011. 3 ADJ-A1 NoSubs
16 6 15 167 9 125.9 0.262 1.139 0.006 423. 322. -12.9 0.0450 0.59 0.18 2.90 220.0 10.0 288.1 2.0 0
0.00 57. 1011. 5 ADJ-A1 NoSubs
16 6 15 167 10 163.8 0.413 1.515 0.009 767. 636. -38.7 0.0280 0.59 0.17 5.51 205.0 10.0 290.4 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
16 6 15 167 11 189.0 0.536 1.641 0.007 845. 941. -73.5 0.0450 0.59 0.17 6.77 228.0 10.0 291.4 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
16 6 15 167 12 202.1 0.608 1.727 0.007 921. 1136. -100.4 0.0450 0.59 0.17 7.79 226.0 10.0 291.4 2.0
0 0.00 53. 1012. 0 ADJ-A1 NoSubs
16 6 15 167 13 203.2 0.725 1.802 0.010 1041. 1478. -169.2 0.0450 0.59 0.17 9.46 232.0 10.0 290.9 2.0
0 0.00 53. 1012. 0 ADJ-A1 NoSubs
16 6 15 167 14 193.7 0.740 1.832 0.010 1148. 1527. -189.0 0.0450 0.59 0.17 9.69 235.0 10.0 292.0 2.0
0 0.00 49. 1012. 0 ADJ-A1 NoSubs
16 6 15 167 15 171.3 0.718 1.800 0.010 1231. 1463. -195.2 0.0450 0.59 0.17 9.41 233.0 10.0 290.9 2.0
0 0.00 51. 1012. 0 ADJ-A1 NoSubs
16 6 15 167 16 138.3 0.682 1.705 0.008 1295. 1356. -207.0 0.0450 0.59 0.18 8.95 235.0 10.0 290.4 2.0
0 0.00 55. 1012. 0 ADJ-A1 NoSubs
16 6 15 167 17 96.4 0.665 1.528 0.008 1337. 1303. -275.0 0.0450 0.59 0.19 8.78 236.0 10.0 289.9 2.0
0 0.00 57. 1012. 0 ADJ-A1 NoSubs
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0.00 79. 1013. 0 ADJ-SFC NoSubs
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0.00 41. 1013. 0 ADJ-A1 NoSubs
16 6 16 168 12 203.5 0.350 2.075 0.006 1590. 498. -19.1 0.0450 0.59 0.17 4.03 211.0 10.0 295.4 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
16 6 16 168 13 204.7 0.425 2.121 0.007 1688. 664. -33.8 0.0450 0.59 0.17 5.12 232.0 10.0 294.9 2.0 0
0.00 44. 1013. 0 ADJ-A1 NoSubs
16 6 16 168 14 194.4 0.448 2.117 0.008 1769. 719. -41.8 0.0450 0.59 0.17 5.48 230.0 10.0 293.8 2.0 0
0.00 50. 1013. 0 ADJ-A1 NoSubs
16 6 16 168 15 172.2 0.452 2.060 0.009 1838. 729. -48.4 0.0450 0.59 0.17 5.58 237.0 10.0 293.1 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
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0.00 54. 1013. 0 ADJ-A1 NoSubs
16 6 16 168 17 97.1 0.425 1.730 0.008 1928. 665. -71.3 0.0450 0.59 0.19 5.36 229.0 10.0 291.4 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
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0.00 92. 1012. 0 ADJ-A1 NoSubs
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0.00 69. 1013. 0 ADJ-A1 NoSubs
16 6 17 169 9 129.3 0.179 1.450 0.009 853. 182. -4.0 0.0360 0.59 0.18 1.81 115.0 10.0 293.1 2.0 0
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0.00 58. 1013. 3 ADJ-A1 NoSubs
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0.00 54. 1013. 5 ADJ-A1 NoSubs
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0.00 56. 1013. 7 ADJ-A1 NoSubs
16 6 17 169 14 158.0 0.439 1.731 0.007 1187. 698. -48.3 0.0450 0.59 0.17 5.42 232.0 10.0 293.1 2.0 0
0.00 69. 1013. 7 ADJ-A1 NoSubs
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16 6 17 169 16 34.1 0.262 1.057 0.007 1248. 364. -47.7 0.0373 0.59 0.18 3.36 999.0 10.0 292.0 2.0 0
0.00 74. 1013. 10 ADJ-SFC NoSubs
16 6 17 169 17 82.5 0.295 1.432 0.007 1288. 385. -28.1 0.0280 0.59 0.19 3.86 186.0 10.0 290.9 2.0 0
0.00 77. 1012. 7 ADJ-SFC NoSubs
16 6 17 169 18 53.1 0.209 1.245 0.007 1313. 233. -15.5 0.0450 0.59 0.24 2.36 211.0 10.0 290.4 2.0 0
0.00 77. 1012. 3 ADJ-SFC NoSubs
16 6 17 169 19 -0.6 0.159 -9.000 -9.000 -999. 152. 569.5 0.0280 0.59 0.39 2.36 191.0 10.0 288.1 2.0 0
0.00 89. 1013. 0 ADJ-SFC NoSubs
16 6 17 169 20 -24.5 0.249 -9.000 -9.000 -999. 298. 68.1 0.0280 0.59 1.00 3.86 180.0 10.0 287.5 2.0 0
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16 6 17 169 22 -7.4 0.113 -9.000 -9.000 -999. 92. 17.7 0.0373 0.59 1.00 1.76 999.0 10.0 287.5 2.0 0
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16 6 18 170 6 -2.9 0.079 -9.000 -9.000 -999. 53. 15.0 0.0370 0.59 0.47 1.23 52.0 10.0 287.5 2.0 0
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16 6 18 170 7 7.2 0.114 0.394 0.005 305. 93. -18.7 0.0370 0.59 0.27 1.37 33.0 10.0 288.8 2.0 0
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0.00 74. 1016. 0 ADJ-A1 NoSubs
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0.00 60. 1016. 0 ADJ-A1 NoSubs
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16 6 18 170 13 205.8 0.350 1.924 0.011 1255. 497. -18.8 0.0450 0.59 0.17 4.02 236.0 10.0 297.5 2.0 0
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16 6 18 170 14 196.6 0.376 1.967 0.012 1404. 552. -24.4 0.0450 0.59 0.17 4.42 224.0 10.0 298.8 2.0 0
0.00 38. 1014. 0 ADJ-A1 NoSubs
16 6 18 170 15 174.4 0.331 1.931 0.011 1495. 457. -18.7 0.0280 0.59 0.17 4.19 198.0 10.0 298.1 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
16 6 18 170 16 141.3 0.288 1.825 0.011 1558. 372. -15.2 0.0280 0.59 0.18 3.58 191.0 10.0 297.0 2.0 0
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16 6 18 170 17 99.7 0.268 1.631 0.010 1575. 333. -17.4 0.0420 0.59 0.19 3.10 161.0 10.0 297.0 2.0 0
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16 6 18 170 18 50.9 0.275 1.306 0.010 1582. 347. -37.0 0.0390 0.59 0.24 3.44 144.0 10.0 295.9 2.0 0
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16 6 19 171 8 85.5 0.114 0.790 0.008 208. 92. -1.6 0.0390 0.59 0.20 0.97 139.0 10.0 293.8 2.0 0
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16 6 19 171 10 167.4 0.185 1.438 0.005 641. 190. -3.4 0.0280 0.59 0.17 1.93 187.0 10.0 300.4 2.0 0
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16 6 19 171 11 193.6 0.283 1.666 0.005 864. 361. -10.6 0.0360 0.59 0.17 3.22 248.0 10.0 302.5 2.0 0

0.00 27. 1011. 0 ADJ-A1 NoSubs
16 6 19 171 12 206.8 0.373 1.742 0.005 924. 547. -22.6 0.0450 0.59 0.17 4.36 231.0 10.0 302.5 2.0 0
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16 6 19 171 13 209.2 0.316 1.967 0.007 1313. 429. -13.6 0.0450 0.59 0.17 3.52 214.0 10.0 304.2 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
16 6 19 171 14 198.9 0.431 2.020 0.006 1495. 678. -36.2 0.0450 0.59 0.17 5.22 234.0 10.0 303.1 2.0 0
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16 6 19 171 15 177.4 0.375 1.962 0.005 1537. 553. -26.7 0.0450 0.59 0.17 4.44 237.0 10.0 303.8 2.0 0
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16 6 19 171 16 145.0 0.339 1.851 0.006 1576. 474. -24.1 0.0450 0.59 0.18 3.98 229.0 10.0 304.2 2.0 0
0.00 27. 1009. 0 ADJ-A1 NoSubs
16 6 19 171 17 103.5 0.310 1.664 0.006 1604. 414. -25.8 0.0450 0.59 0.19 3.66 217.0 10.0 304.2 2.0 0
0.00 26. 1009. 0 ADJ-A1 NoSubs
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0.00 68. 1011. 0 ADJ-A1 NoSubs
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0 0.00 71. 1011. 0 ADJ-SFC NoSubs
16 6 19 171 23 -7.4 0.114 -9.000 -9.000 -999. 92. 17.9 0.0380 0.59 1.00 1.76 306.0 10.0 288.8 2.0 0
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0.00 74. 1011. 0 ADJ-SFC NoSubs
16 6 20 172 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 80. 1011. 0 ADJ-SFC NoSubs
16 6 20 172 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 80. 1011. 0 ADJ-SFC NoSubs
16 6 20 172 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 79. 1011. 0 ADJ-SFC NoSubs
16 6 20 172 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 86. 1011. 0 ADJ-SFC NoSubs
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0.00 85. 1011. 0 ADJ-SFC NoSubs
16 6 20 172 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.47 0.00 0.0 10.0 287.0 2.0
0 0.00 74. 1012. 0 ADJ-SFC NoSubs
16 6 20 172 7 34.6 0.091 0.625 0.021 254. 66. -2.0 0.0390 0.59 0.27 0.81 126.0 10.0 289.9 2.0 0
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16 6 20 172 8 85.2 0.141 0.866 0.019 275. 127. -3.0 0.0360 0.59 0.20 1.37 107.0 10.0 293.1 2.0 0
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16 6 20 172 9 130.0 0.173 1.032 0.015 305. 173. -3.6 0.0390 0.59 0.18 1.69 129.0 10.0 295.9 2.0 0
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16 6 20 172 10 166.0 0.247 1.275 0.013 451. 294. -8.2 0.0420 0.59 0.17 2.64 170.0 10.0 297.5 2.0 0
0.00 44. 1012. 0 ADJ-A1 NoSubs
16 6 20 172 11 191.7 0.312 1.431 0.011 553. 418. -14.3 0.0420 0.59 0.17 3.54 166.0 10.0 298.8 2.0 0
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16 6 20 172 12 205.1 0.341 1.541 0.009 644. 478. -17.5 0.0420 0.59 0.17 3.95 178.0 10.0 299.2 2.0 0
0.00 29. 1012. 0 ADJ-A1 NoSubs
16 6 20 172 13 206.4 0.358 1.593 0.007 708. 514. -20.1 0.0420 0.59 0.17 4.20 164.0 10.0 298.8 2.0 0
0.00 29. 1012. 0 ADJ-A1 NoSubs
16 6 20 172 14 197.0 0.296 1.630 0.006 794. 388. -11.8 0.0420 0.59 0.17 3.29 151.0 10.0 299.2 2.0 0

0.00 34. 1011. 0 ADJ-A1 NoSubs
16 6 20 172 15 174.7 0.312 1.654 0.006 936. 418. -15.6 0.0390 0.59 0.17 3.63 145.0 10.0 298.1 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
16 6 20 172 16 141.6 0.321 1.597 0.006 1037. 436. -21.0 0.0420 0.59 0.18 3.78 161.0 10.0 297.0 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
16 6 20 172 17 99.4 0.296 1.447 0.006 1099. 387. -23.5 0.0420 0.59 0.19 3.52 160.0 10.0 295.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
16 6 20 172 18 50.3 0.273 1.161 0.006 1123. 342. -36.4 0.0280 0.59 0.24 3.63 183.0 10.0 293.1 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
16 6 20 172 19 0.7 0.214 0.278 0.006 1117. 239. -1281.3 0.0280 0.59 0.39 3.13 191.0 10.0 291.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
16 6 20 172 20 -17.4 0.177 -9.000 -9.000 -999. 179. 34.4 0.0280 0.59 1.00 2.79 187.0 10.0 288.1 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
16 6 20 172 21 -9.0 0.124 -9.000 -9.000 -999. 105. 19.1 0.0280 0.59 1.00 2.01 201.0 10.0 287.0 2.0 0
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16 6 20 172 22 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0280 0.59 1.00 1.69 188.0 10.0 285.9 2.0 0
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16 6 20 172 23 -4.7 0.091 -9.000 -9.000 -999. 66. 14.3 0.0450 0.59 1.00 1.37 229.0 10.0 285.9 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 6 20 172 24 -2.6 0.069 -9.000 -9.000 -999. 44. 11.8 0.0380 0.59 1.00 0.99 315.0 10.0 286.4 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
16 6 21 173 1 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0320 0.59 1.00 1.25 277.0 10.0 283.8 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 6 21 173 2 -6.2 0.104 -9.000 -9.000 -999. 80. 16.3 0.0440 0.59 1.00 1.57 358.0 10.0 285.9 2.0 0
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16 6 21 173 3 -10.3 0.133 -9.000 -9.000 -999. 117. 20.8 0.0320 0.59 1.00 2.10 298.0 10.0 285.4 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
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0.00 80. 1011. 0 ADJ-A1 NoSubs
16 6 21 173 7 34.2 0.097 0.529 0.028 157. 73. -2.4 0.0360 0.59 0.27 0.91 100.0 10.0 288.8 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
16 6 21 173 8 84.6 0.133 0.832 0.027 245. 117. -2.5 0.0390 0.59 0.20 1.23 128.0 10.0 292.0 2.0 0
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16 6 21 173 9 129.2 0.179 1.028 0.025 304. 181. -4.0 0.0390 0.59 0.18 1.77 142.0 10.0 294.2 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
16 6 21 173 10 165.3 0.248 1.187 0.023 365. 297. -8.3 0.0420 0.59 0.17 2.66 157.0 10.0 295.9 2.0 0
0.00 50. 1011. 0 ADJ-A1 NoSubs
16 6 21 173 11 191.3 0.292 1.285 0.020 400. 379. -11.7 0.0420 0.59 0.17 3.25 169.0 10.0 298.1 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
16 6 21 173 12 205.1 0.347 1.359 0.015 441. 489. -18.3 0.0420 0.59 0.17 4.03 173.0 10.0 299.2 2.0 0
0.00 35. 1011. 0 ADJ-A1 NoSubs
16 6 21 173 13 207.0 0.338 1.425 0.013 505. 472. -16.8 0.0420 0.59 0.17 3.90 166.0 10.0 299.9 2.0 0
0.00 34. 1010. 0 ADJ-A1 NoSubs
16 6 21 173 14 196.5 0.387 1.435 0.010 542. 578. -26.6 0.0420 0.59 0.17 4.65 163.0 10.0 298.1 2.0 0
0.00 35. 1010. 0 ADJ-A1 NoSubs
16 6 21 173 15 174.3 0.353 1.508 0.010 710. 504. -22.7 0.0420 0.59 0.17 4.19 162.0 10.0 297.0 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
16 6 21 173 16 141.3 0.350 1.435 0.008 753. 498. -27.4 0.0420 0.59 0.18 4.22 160.0 10.0 295.9 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
16 6 21 173 17 98.7 0.394 1.287 0.008 778. 593. -55.7 0.0420 0.59 0.19 4.97 155.0 10.0 293.1 2.0 0

0.00 60. 1009. 0 ADJ-A1 NoSubs
16 6 21 173 18 50.1 0.358 1.032 0.007 790. 516. -82.6 0.0390 0.59 0.24 4.68 142.0 10.0 292.0 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
16 6 21 173 19 0.5 0.280 0.224 0.007 788. 359. -3849.8 0.0390 0.59 0.39 3.88 127.0 10.0 290.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
16 6 21 173 20 -21.5 0.219 -9.000 -9.000 -999. 248. 53.0 0.0390 0.59 1.00 3.23 129.0 10.0 288.1 2.0 0
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16 6 21 173 21 -15.9 0.169 -9.000 -9.000 -999. 167. 31.3 0.0390 0.59 1.00 2.52 129.0 10.0 287.0 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
16 6 21 173 22 -5.0 0.093 -9.000 -9.000 -999. 69. 14.4 0.0370 0.59 1.00 1.45 50.0 10.0 287.5 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
16 6 21 173 23 -8.3 0.120 -9.000 -9.000 -999. 100. 18.8 0.0370 0.59 1.00 1.86 59.0 10.0 286.4 2.0 0
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16 6 21 173 24 -5.2 0.095 -9.000 -9.000 -999. 70. 14.7 0.0390 0.59 1.00 1.47 125.0 10.0 285.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
16 6 22 174 1 -2.8 0.073 -9.000 -9.000 -999. 47. 12.1 0.0440 0.59 1.00 1.03 350.0 10.0 285.4 2.0 0
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16 6 22 174 2 -5.1 0.094 -9.000 -9.000 -999. 69. 14.6 0.0440 0.59 1.00 1.42 340.0 10.0 283.1 2.0 0
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16 6 22 174 4 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.59 1.00 0.97 311.0 10.0 283.1 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
16 6 22 174 5 -3.0 0.073 -9.000 -9.000 -999. 47. 11.9 0.0380 0.59 1.00 1.08 317.0 10.0 283.8 2.0 0
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16 6 22 174 6 -2.2 0.068 -9.000 -9.000 -999. 42. 12.8 0.0440 0.59 0.47 1.01 349.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 6 22 174 7 6.0 0.088 -9.000 -9.000 -999. 63. -10.3 0.0440 0.59 0.27 0.96 347.0 10.0 284.2 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 6 22 174 8 18.7 0.146 -9.000 -9.000 -999. 134. -14.9 0.0340 0.59 0.20 1.74 81.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 6 22 174 9 127.6 0.161 -9.000 -9.000 -999. 154. -2.9 0.0390 0.59 0.18 1.52 144.0 10.0 289.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
16 6 22 174 10 163.9 0.233 -9.000 -9.000 -999. 269. -6.9 0.0420 0.59 0.17 2.44 152.0 10.0 292.5 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
16 6 22 174 11 189.3 0.275 -9.000 -9.000 -999. 346. -9.9 0.0420 0.59 0.17 3.01 153.0 10.0 293.1 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
16 6 22 174 12 203.2 0.354 -9.000 -9.000 -999. 506. -19.7 0.0420 0.59 0.17 4.15 162.0 10.0 294.9 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
16 6 22 174 13 205.0 0.350 -9.000 -9.000 -999. 497. -18.8 0.0420 0.59 0.17 4.08 167.0 10.0 295.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
16 6 22 174 14 195.2 0.345 -9.000 -9.000 -999. 486. -18.9 0.0420 0.59 0.17 4.02 154.0 10.0 294.9 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
16 6 22 174 15 173.5 0.362 -9.000 -9.000 -999. 523. -24.6 0.0390 0.59 0.17 4.39 149.0 10.0 294.9 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
16 6 22 174 16 140.8 0.333 -9.000 -9.000 -999. 462. -23.7 0.0390 0.59 0.18 4.03 141.0 10.0 294.2 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
16 6 22 174 17 98.5 0.363 -9.000 -9.000 -999. 524. -43.6 0.0390 0.59 0.19 4.58 129.0 10.0 292.0 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
16 6 22 174 18 49.7 0.357 -9.000 -9.000 -999. 512. -82.3 0.0390 0.59 0.24 4.66 126.0 10.0 290.4 2.0 0
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0.00 80. 1011. 0 ADJ-A1 NoSubs
16 6 22 174 21 -17.9 0.181 -9.000 -9.000 -999. 185. 36.1 0.0340 0.59 1.00 2.76 78.0 10.0 286.4 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
16 6 22 174 22 -14.2 0.158 -9.000 -9.000 -999. 151. 27.6 0.0370 0.59 1.00 2.40 59.0 10.0 285.4 2.0 0
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16 6 22 174 23 -9.5 0.129 -9.000 -9.000 -999. 111. 20.2 0.0370 0.59 1.00 1.98 56.0 10.0 285.4 2.0 0
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16 6 22 174 24 -5.2 0.095 -9.000 -9.000 -999. 70. 14.6 0.0370 0.59 1.00 1.48 36.0 10.0 284.9 2.0 0
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16 6 23 175 1 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0370 0.59 1.00 1.30 2.0 10.0 283.8 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 6 23 175 2 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0370 0.59 1.00 1.16 21.0 10.0 284.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 6 23 175 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0370 0.59 1.00 1.31 12.0 10.0 284.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 6 23 175 4 -4.6 0.089 -9.000 -9.000 -999. 64. 14.0 0.0440 0.59 1.00 1.35 358.0 10.0 284.2 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 6 23 175 5 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0370 0.59 1.00 1.37 50.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 6 23 175 6 -2.7 0.074 -9.000 -9.000 -999. 49. 13.6 0.0370 0.59 0.47 1.16 19.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 6 23 175 7 32.0 0.089 0.698 0.030 382. 64. -2.0 0.0370 0.59 0.27 0.80 14.0 10.0 284.9 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
16 6 23 175 8 83.3 0.124 0.976 0.028 403. 105. -2.1 0.0390 0.59 0.20 1.11 132.0 10.0 288.8 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
16 6 23 175 9 128.1 0.174 1.140 0.026 418. 174. -3.7 0.0360 0.59 0.18 1.74 116.0 10.0 292.0 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
16 6 23 175 10 165.0 0.175 1.258 0.023 436. 176. -2.9 0.0360 0.59 0.17 1.69 118.0 10.0 295.9 2.0 0
0.00 47. 1013. 0 ADJ-A1 NoSubs
16 6 23 175 11 190.7 0.284 1.363 0.019 481. 362. -10.8 0.0420 0.59 0.17 3.13 160.0 10.0 297.0 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
16 6 23 175 12 204.8 0.307 1.430 0.016 516. 408. -12.7 0.0280 0.59 0.17 3.75 184.0 10.0 298.8 2.0 0
0.00 32. 1012. 0 ADJ-A1 NoSubs
16 6 23 175 13 206.2 0.346 1.462 0.014 547. 488. -18.1 0.0420 0.59 0.17 4.02 172.0 10.0 298.1 2.0 0
0.00 38. 1012. 0 ADJ-A1 NoSubs
16 6 23 175 14 197.1 0.270 1.465 0.012 576. 339. -9.0 0.0390 0.59 0.17 2.97 144.0 10.0 299.2 2.0 0
0.00 34. 1012. 0 ADJ-A1 NoSubs
16 6 23 175 15 175.7 0.263 1.500 0.013 694. 324. -9.4 0.0390 0.59 0.17 2.91 140.0 10.0 299.9 2.0 0
0.00 37. 1011. 0 ADJ-A1 NoSubs
16 6 23 175 16 142.8 0.332 1.425 0.012 732. 460. -23.2 0.0420 0.59 0.18 3.95 160.0 10.0 298.8 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
16 6 23 175 17 100.5 0.353 1.282 0.012 756. 504. -39.6 0.0420 0.59 0.19 4.37 171.0 10.0 297.0 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
16 6 23 175 18 51.8 0.257 1.033 0.012 768. 318. -29.7 0.0420 0.59 0.24 3.12 160.0 10.0 295.9 2.0 0
0.00 48. 1011. 0 ADJ-A1 NoSubs
16 6 23 175 19 1.9 0.188 0.346 0.012 765. 197. -307.7 0.0280 0.59 0.39 2.71 184.0 10.0 293.8 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
16 6 23 175 20 -18.2 0.186 -9.000 -9.000 -999. 193. 38.2 0.0280 0.59 1.00 2.93 192.0 10.0 290.4 2.0 0
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16 6 23 175 21 -6.8 0.109 -9.000 -9.000 -999. 88. 17.3 0.0450 0.59 1.00 1.64 220.0 10.0 289.9 2.0 0
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16 6 23 175 22 -10.1 0.133 -9.000 -9.000 -999. 116. 21.1 0.0370 0.59 1.00 2.04 58.0 10.0 288.8 2.0 0
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16 6 23 175 23 -12.0 0.146 -9.000 -9.000 -999. 133. 23.4 0.0370 0.59 1.00 2.22 58.0 10.0 288.1 2.0 0

0.00 68. 1013. 0 ADJ-A1 NoSubs
16 6 23 175 24 -4.9 0.091 -9.000 -9.000 -999. 67. 14.1 0.0370 0.59 1.00 1.43 45.0 10.0 285.4 2.0 0
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16 6 24 176 1 -3.4 0.077 -9.000 -9.000 -999. 52. 12.3 0.0370 0.59 1.00 1.18 16.0 10.0 286.4 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 6 24 176 2 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0440 0.59 1.00 1.18 359.0 10.0 285.4 2.0 0
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16 6 24 176 3 -4.5 0.088 -9.000 -9.000 -999. 63. 13.8 0.0440 0.59 1.00 1.33 350.0 10.0 284.9 2.0 0
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16 6 24 176 4 -3.7 0.081 -9.000 -9.000 -999. 55. 12.9 0.0440 0.59 1.00 1.20 340.0 10.0 284.2 2.0 0
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16 6 24 176 5 -4.8 0.091 -9.000 -9.000 -999. 66. 14.3 0.0440 0.59 1.00 1.38 330.0 10.0 283.8 2.0 0
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16 6 24 176 6 -2.3 0.072 -9.000 -9.000 -999. 46. 14.5 0.0380 0.59 0.47 1.12 312.0 10.0 284.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
16 6 24 176 7 33.1 0.093 0.707 0.027 385. 68. -2.2 0.0280 0.59 0.27 0.92 192.0 10.0 287.0 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
16 6 24 176 8 83.4 0.135 0.985 0.026 415. 119. -2.7 0.0390 0.59 0.20 1.26 137.0 10.0 289.9 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
16 6 24 176 9 127.6 0.221 1.172 0.025 456. 250. -7.7 0.0390 0.59 0.18 2.39 140.0 10.0 290.9 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
16 6 24 176 10 163.8 0.292 1.338 0.023 529. 378. -13.7 0.0420 0.59 0.17 3.30 168.0 10.0 293.1 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 6 24 176 11 189.5 0.347 1.473 0.022 610. 491. -20.0 0.0420 0.59 0.17 4.07 170.0 10.0 294.2 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
16 6 24 176 12 203.1 0.293 1.553 0.020 666. 383. -11.2 0.0280 0.59 0.17 3.54 181.0 10.0 294.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
16 6 24 176 13 205.5 0.276 1.599 0.018 719. 349. -9.3 0.0420 0.59 0.17 3.00 172.0 10.0 296.4 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
16 6 24 176 14 195.5 0.375 1.605 0.017 764. 552. -24.4 0.0420 0.59 0.17 4.48 170.0 10.0 295.4 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
16 6 24 176 15 174.1 0.337 1.567 0.016 798. 471. -19.8 0.0420 0.59 0.17 3.95 160.0 10.0 295.9 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
16 6 24 176 16 140.8 0.359 1.469 0.015 812. 517. -29.7 0.0390 0.59 0.18 4.42 145.0 10.0 293.8 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
16 6 24 176 17 99.2 0.315 1.312 0.014 821. 425. -28.3 0.0390 0.59 0.19 3.86 144.0 10.0 293.1 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
16 6 24 176 18 50.7 0.299 1.051 0.013 825. 393. -47.4 0.0420 0.59 0.24 3.74 150.0 10.0 292.5 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
16 6 24 176 19 0.9 0.205 0.277 0.014 824. 226. -832.5 0.0420 0.59 0.39 2.78 173.0 10.0 290.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
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0 0.00 999. 1009. 99 NAD NoSubs
16 6 25 177 16 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.18 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1008. 99 NAD NoSubs
16 6 25 177 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.19 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1008. 99 NAD NoSubs
16 6 25 177 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.24 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1008. 99 NAD NoSubs
16 6 25 177 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.38 999.00 999.0 -9.0 999.0 -9.0
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16 6 27 179 12 203.4 0.342 1.320 0.018 408. 480. -17.8 0.0420 0.59 0.17 3.97 164.0 10.0 295.9 2.0 0
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16 6 27 179 13 205.7 0.338 1.375 0.019 455. 471. -16.9 0.0420 0.59 0.17 3.90 158.0 10.0 297.0 2.0 0
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16 6 27 179 15 173.8 0.353 1.347 0.015 506. 504. -22.8 0.0420 0.59 0.17 4.19 158.0 10.0 294.9 2.0 0
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0.00 100. 1010. 10 ADJ-A1 NoSubs
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0.00 100. 1010. 10 ADJ-A1 NoSubs
16 6 29 181 8 18.1 0.124 0.485 0.046 228. 105. -9.5 0.0420 0.59 0.20 1.35 179.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 6 29 181 9 29.6 0.143 0.623 0.047 295. 130. -8.9 0.0360 0.59 0.18 1.60 118.0 10.0 287.0 2.0 0
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16 6 29 181 10 164.8 0.240 1.249 0.045 427. 282. -7.6 0.0390 0.59 0.17 2.59 143.0 10.0 289.2 2.0 0
0.00 71. 1011. 3 ADJ-A1 NoSubs
16 6 29 181 11 187.8 0.266 1.362 0.043 485. 329. -9.0 0.0420 0.59 0.17 2.88 151.0 10.0 290.9 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
16 6 29 181 12 201.8 0.300 1.422 0.040 514. 393. -12.0 0.0420 0.59 0.17 3.34 170.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
16 6 29 181 13 203.7 0.341 1.443 0.037 532. 478. -17.5 0.0420 0.59 0.17 3.95 170.0 10.0 292.0 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
16 6 29 181 14 194.7 0.320 1.434 0.034 546. 434. -15.1 0.0390 0.59 0.17 3.71 148.0 10.0 293.1 2.0 0

0.00 58. 1010. 0 ADJ-A1 NoSubs
16 6 29 181 15 173.5 0.340 1.389 0.032 557. 475. -20.3 0.0390 0.59 0.17 4.05 142.0 10.0 293.8 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
16 6 29 181 16 140.8 0.329 1.300 0.030 562. 454. -22.8 0.0390 0.59 0.18 3.97 144.0 10.0 292.5 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
16 6 29 181 17 99.0 0.348 1.159 0.028 566. 493. -38.3 0.0390 0.59 0.19 4.36 139.0 10.0 291.4 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
16 6 29 181 18 50.1 0.353 0.925 0.028 568. 503. -78.9 0.0390 0.59 0.24 4.60 128.0 10.0 289.2 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
16 6 29 181 19 0.3 0.313 0.176 0.028 568. 421. -8005.7 0.0390 0.59 0.38 4.34 127.0 10.0 287.0 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
16 6 29 181 20 -22.5 0.227 -9.000 -9.000 -999. 263. 56.8 0.0390 0.59 1.00 3.34 126.0 10.0 285.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
16 6 29 181 21 -17.8 0.180 -9.000 -9.000 -999. 183. 35.5 0.0360 0.59 1.00 2.71 98.0 10.0 284.9 2.0 0
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16 6 29 181 22 -13.3 0.153 -9.000 -9.000 -999. 144. 25.9 0.0370 0.59 1.00 2.33 53.0 10.0 284.2 2.0 0
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16 6 29 181 23 -10.8 0.138 -9.000 -9.000 -999. 123. 21.7 0.0370 0.59 1.00 2.11 43.0 10.0 284.9 2.0 0
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16 6 30 182 1 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0370 0.59 1.00 1.54 57.0 10.0 284.9 2.0 0
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16 6 30 182 2 -6.2 0.103 -9.000 -9.000 -999. 80. 15.9 0.0340 0.59 1.00 1.64 70.0 10.0 284.9 2.0 0
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16 6 30 182 3 -3.5 0.078 -9.000 -9.000 -999. 52. 12.2 0.0340 0.59 1.00 1.21 82.0 10.0 284.9 2.0 0
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16 6 30 182 4 -7.5 0.115 -9.000 -9.000 -999. 93. 18.0 0.0420 0.59 1.00 1.74 171.0 10.0 284.2 2.0 0
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16 6 30 182 5 -3.7 0.081 -9.000 -9.000 -999. 55. 12.8 0.0420 0.59 1.00 1.21 175.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
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0.00 92. 1008. 10 ADJ-A1 NoSubs
16 6 30 182 8 18.0 0.195 0.522 0.044 284. 206. -36.8 0.0360 0.59 0.20 2.47 90.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
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0.00 89. 1008. 10 ADJ-A1 NoSubs
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0.00 77. 1008. 10 ADJ-A1 NoSubs
16 6 30 182 11 181.1 0.186 1.308 0.043 444. 193. -3.2 0.0390 0.59 0.17 1.79 132.0 10.0 289.9 2.0 0
0.00 69. 1008. 5 ADJ-A1 NoSubs
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0.00 65. 1008. 0 ADJ-A1 NoSubs
16 6 30 182 13 203.3 0.315 1.412 0.037 498. 424. -13.8 0.0280 0.59 0.17 3.88 190.0 10.0 290.9 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
16 6 30 182 14 193.8 0.365 1.402 0.029 511. 530. -22.6 0.0280 0.59 0.17 4.70 193.0 10.0 290.4 2.0 0
0.00 67. 1007. 0 ADJ-A1 Sub_CC
16 6 30 182 15 172.0 0.321 1.357 0.031 523. 438. -17.3 0.0280 0.59 0.17 4.04 198.0 10.0 289.2 2.0 0
0.00 71. 1007. 0 ADJ-A1 Sub_CC
16 6 30 182 16 139.6 0.314 1.274 0.029 532. 422. -19.9 0.0280 0.59 0.18 4.00 200.0 10.0 288.8 2.0 0
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16 6 30 182 17 101.7 0.303 1.154 0.027 542. 400. -24.5 0.0280 0.59 0.19 3.92 201.0 10.0 287.5 2.0 0

0.00 77. 1006. 3 ADJ-A1 NoSubs
16 6 30 182 18 10.4 0.246 0.539 0.027 543. 294. -128.4 0.0280 0.59 0.24 3.47 189.0 10.0 285.9 2.0 0
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16 6 30 182 19 -5.5 0.184 -9.000 -9.000 -999. 191. 102.5 0.0280 0.59 0.38 2.83 191.0 10.0 285.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
16 6 30 182 20 -7.7 0.114 -9.000 -9.000 -999. 94. 17.4 0.0280 0.59 1.00 1.86 194.0 10.0 284.9 2.0 0
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16 6 30 182 21 -7.8 0.115 -9.000 -9.000 -999. 93. 17.5 0.0280 0.59 1.00 1.87 193.0 10.0 284.9 2.0 0
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16 6 30 182 23 -3.6 0.080 -9.000 -9.000 -999. 54. 12.5 0.0360 0.59 1.00 1.23 119.0 10.0 284.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
16 6 30 182 24 -7.6 0.115 -9.000 -9.000 -999. 94. 17.9 0.0390 0.59 1.00 1.77 146.0 10.0 284.2 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 7 1 183 1 -11.7 0.143 -9.000 -9.000 -999. 130. 22.6 0.0360 0.59 1.00 2.20 104.0 10.0 283.8 2.0 0
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16 7 1 183 3 -10.1 0.133 -9.000 -9.000 -999. 116. 20.8 0.0360 0.59 1.00 2.05 101.0 10.0 283.8 2.0 0
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16 7 1 183 4 -14.3 0.159 -9.000 -9.000 -999. 152. 27.8 0.0360 0.59 1.00 2.42 102.0 10.0 284.2 2.0 0
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16 7 1 183 5 -19.0 0.191 -9.000 -9.000 -999. 201. 40.3 0.0360 0.59 1.00 2.88 109.0 10.0 283.8 2.0 0
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16 7 1 183 6 -8.7 0.133 -9.000 -9.000 -999. 117. 24.2 0.0340 0.59 0.49 2.05 78.0 10.0 284.2 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
16 7 1 183 7 5.4 0.150 0.258 0.036 115. 140. -56.9 0.0390 0.59 0.27 1.93 136.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 7 1 183 8 17.9 0.161 0.491 0.040 236. 154. -20.8 0.0420 0.59 0.20 1.89 167.0 10.0 284.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
16 7 1 183 9 29.2 0.179 0.613 0.041 284. 181. -17.5 0.0280 0.59 0.18 2.25 190.0 10.0 285.9 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
16 7 1 183 10 38.7 0.171 0.713 0.043 337. 170. -11.7 0.0280 0.59 0.17 2.08 202.0 10.0 288.1 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
16 7 1 183 11 181.0 0.271 1.276 0.042 413. 338. -9.9 0.0420 0.59 0.17 2.96 174.0 10.0 289.9 2.0 0
0.00 69. 1009. 5 ADJ-A1 NoSubs
16 7 1 183 12 200.9 0.384 1.371 0.019 462. 572. -25.4 0.0420 0.59 0.17 4.60 172.0 10.0 289.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
16 7 1 183 13 203.4 0.356 1.407 0.031 493. 511. -20.0 0.0280 0.59 0.17 4.54 189.0 10.0 291.4 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
16 7 1 183 14 194.1 0.377 1.398 0.021 507. 555. -24.7 0.0280 0.59 0.17 4.88 196.0 10.0 291.4 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
16 7 1 183 15 172.5 0.346 1.355 0.029 518. 490. -21.6 0.0280 0.59 0.17 4.44 209.0 10.0 290.9 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
16 7 1 183 16 139.9 0.371 1.271 0.024 527. 541. -32.7 0.0450 0.59 0.18 4.46 222.0 10.0 289.9 2.0 0
0.00 66. 1007. 0 ADJ-A1 NoSubs
16 7 1 183 17 98.1 0.365 1.133 0.025 533. 529. -44.4 0.0450 0.59 0.19 4.48 210.0 10.0 288.1 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
16 7 1 183 18 49.7 0.320 0.905 0.025 536. 436. -59.3 0.0450 0.59 0.24 4.00 215.0 10.0 287.5 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 7 1 183 19 6.5 0.239 0.461 0.025 536. 284. -188.5 0.0280 0.59 0.38 3.42 205.0 10.0 285.4 2.0 0
0.00 89. 1007. 7 ADJ-A1 NoSubs
16 7 1 183 20 -12.8 0.149 -9.000 -9.000 -999. 142. 24.5 0.0280 0.59 1.00 2.38 205.0 10.0 285.4 2.0 0

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16 7 1 183 21 -4.1 0.084 -9.000 -9.000 -999. 59. 12.7 0.0280 0.59 1.00 1.37 207.0 10.0 284.9 2.0 0
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16 7 1 183 22 -5.8 0.099 -9.000 -9.000 -999. 74. 14.9 0.0280 0.59 1.00 1.62 180.0 10.0 285.4 2.0 0
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16 7 1 183 23 -6.2 0.104 -9.000 -9.000 -999. 81. 16.3 0.0420 0.59 1.00 1.59 179.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
16 7 1 183 24 -5.2 0.094 -9.000 -9.000 -999. 69. 14.5 0.0360 0.59 1.00 1.48 118.0 10.0 284.9 2.0 0
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16 7 2 184 1 -7.1 0.111 -9.000 -9.000 -999. 89. 17.4 0.0420 0.59 1.00 1.69 168.0 10.0 284.2 2.0 0
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16 7 2 184 2 -4.3 0.087 -9.000 -9.000 -999. 62. 13.7 0.0450 0.59 1.00 1.31 233.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 7 2 184 3 -3.9 0.083 -9.000 -9.000 -999. 57. 13.1 0.0450 0.59 1.00 1.23 229.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 7 2 184 4 -10.9 0.139 -9.000 -9.000 -999. 124. 22.1 0.0420 0.59 1.00 2.08 164.0 10.0 283.8 2.0 0
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16 7 2 184 5 -4.3 0.085 -9.000 -9.000 -999. 60. 12.9 0.0280 0.59 1.00 1.40 202.0 10.0 283.8 2.0 0
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16 7 2 184 6 -4.0 0.089 -9.000 -9.000 -999. 64. 15.7 0.0360 0.59 0.49 1.40 242.0 10.0 284.2 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 7 2 184 7 5.4 0.188 0.383 0.042 372. 196. -110.5 0.0450 0.59 0.27 2.42 225.0 10.0 284.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 7 2 184 8 18.0 0.129 0.572 0.041 375. 112. -10.7 0.0360 0.59 0.20 1.47 255.0 10.0 285.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 7 2 184 9 29.3 0.143 0.677 0.041 381. 130. -9.1 0.0450 0.59 0.18 1.53 221.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 7 2 184 10 38.5 0.265 0.746 0.040 388. 327. -43.5 0.0450 0.59 0.17 3.25 212.0 10.0 287.5 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
16 7 2 184 11 45.1 0.304 0.792 0.039 397. 401. -56.0 0.0450 0.59 0.17 3.78 228.0 10.0 288.1 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
16 7 2 184 12 163.0 0.401 1.243 0.022 425. 609. -35.6 0.0450 0.59 0.17 4.85 221.0 10.0 290.4 2.0 0
0.00 67. 1011. 7 ADJ-A1 NoSubs
16 7 2 184 13 205.7 0.445 1.376 0.014 457. 711. -38.5 0.0450 0.59 0.17 5.41 218.0 10.0 290.9 2.0 0
0.00 67. 1011. 3 ADJ-A1 NoSubs
16 7 2 184 14 194.1 0.463 1.377 0.012 485. 756. -46.1 0.0450 0.59 0.17 5.70 226.0 10.0 291.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
16 7 2 184 15 167.4 0.470 1.348 0.010 528. 773. -55.9 0.0450 0.59 0.17 5.85 223.0 10.0 290.9 2.0 0
0.00 67. 1011. 5 ADJ-A1 NoSubs
16 7 2 184 16 143.4 0.434 1.329 0.015 590. 688. -51.4 0.0450 0.59 0.18 5.38 226.0 10.0 290.4 2.0 0
0.00 69. 1011. 3 ADJ-A1 NoSubs
16 7 2 184 17 98.6 0.397 1.178 0.024 597. 602. -57.2 0.0450 0.59 0.19 4.95 232.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 7 2 184 18 50.2 0.369 0.942 0.024 601. 538. -89.9 0.0450 0.59 0.24 4.70 230.0 10.0 289.2 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
16 7 2 184 19 0.5 0.304 0.196 0.024 600. 404. -5591.7 0.0450 0.59 0.38 4.10 227.0 10.0 287.5 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
16 7 2 184 20 -18.6 0.189 -9.000 -9.000 -999. 204. 39.2 0.0450 0.59 1.00 2.73 216.0 10.0 286.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
16 7 2 184 21 -13.5 0.156 -9.000 -9.000 -999. 148. 26.7 0.0450 0.59 1.00 2.28 218.0 10.0 285.9 2.0 0
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16 7 2 184 22 -11.2 0.141 -9.000 -9.000 -999. 127. 22.7 0.0450 0.59 1.00 2.08 231.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 2 184 23 -13.4 0.155 -9.000 -9.000 -999. 146. 26.4 0.0450 0.59 1.00 2.27 236.0 10.0 285.9 2.0 0

0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 2 184 24 -12.3 0.148 -9.000 -9.000 -999. 137. 24.2 0.0450 0.59 1.00 2.18 223.0 10.0 285.4 2.0 0
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16 7 3 185 1 -12.9 0.152 -9.000 -9.000 -999. 142. 25.4 0.0450 0.59 1.00 2.23 225.0 10.0 285.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 3 185 2 -12.0 0.146 -9.000 -9.000 -999. 134. 23.5 0.0450 0.59 1.00 2.15 235.0 10.0 285.1 2.0 0
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16 7 3 185 3 -8.3 0.120 -9.000 -9.000 -999. 99. 18.6 0.0360 0.59 1.00 1.86 247.0 10.0 284.9 2.0 0
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16 7 3 185 4 -8.1 0.118 -9.000 -9.000 -999. 97. 18.4 0.0360 0.59 1.00 1.84 241.0 10.0 284.2 2.0 0
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16 7 3 185 5 -10.6 0.137 -9.000 -9.000 -999. 122. 21.9 0.0450 0.59 1.00 2.03 229.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 7 3 185 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.49 0.00 0.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-SFC NoSubs
16 7 3 185 7 5.6 0.184 -9.000 -9.000 -999. 189. -100.8 0.0450 0.59 0.28 2.36 221.0 10.0 285.9 2.0 0
0.00 89. 1012. 10 ADJ-SFC NoSubs
16 7 3 185 8 18.3 0.243 -9.000 -9.000 -999. 288. -71.2 0.0280 0.59 0.20 3.36 209.0 10.0 287.0 2.0 0
0.00 83. 1013. 10 ADJ-SFC NoSubs
16 7 3 185 9 29.5 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.18 0.00 0.0 10.0 287.5 2.0 0
0.00 80. 1013. 10 ADJ-SFC NoSubs
16 7 3 185 10 131.9 0.294 -9.000 -9.000 -999. 383. -17.5 0.0450 0.59 0.17 3.36 220.0 10.0 289.2 2.0 0
0.00 71. 1013. 7 ADJ-SFC NoSubs
16 7 3 185 11 186.9 0.405 -9.000 -9.000 -999. 618. -32.0 0.0450 0.59 0.17 4.86 221.0 10.0 289.9 2.0 0
0.00 69. 1013. 0 ADJ-SFC NoSubs
16 7 3 185 12 201.1 0.482 -9.000 -9.000 -999. 801. -50.2 0.0450 0.59 0.17 5.96 222.0 10.0 290.9 2.0 0
0.00 64. 1013. 0 ADJ-SFC NoSubs
16 7 3 185 13 203.3 0.464 -9.000 -9.000 -999. 760. -44.4 0.0360 0.59 0.17 5.96 244.0 10.0 291.4 2.0 0
0.00 65. 1013. 0 ADJ-SFC NoSubs
16 7 3 185 14 196.3 0.481 -9.000 -9.000 -999. 800. -51.2 0.0450 0.59 0.17 5.96 229.0 10.0 290.4 2.0 0
0.00 69. 1012. 3 ADJ-SFC NoSubs
16 7 3 185 15 172.3 0.513 -9.000 -9.000 -999. 880. -70.5 0.0450 0.59 0.17 6.46 213.0 10.0 290.4 2.0 0
0.00 69. 1012. 0 ADJ-SFC NoSubs
16 7 3 185 16 140.1 0.364 -9.000 -9.000 -999. 545. -31.0 0.0450 0.59 0.18 4.36 215.0 10.0 290.4 2.0 0
0.00 69. 1012. 0 ADJ-SFC NoSubs
16 7 3 185 17 98.3 0.322 -9.000 -9.000 -999. 441. -30.7 0.0450 0.59 0.19 3.86 228.0 10.0 288.8 2.0 0
0.00 74. 1011. 0 ADJ-SFC NoSubs
16 7 3 185 18 54.0 0.346 -9.000 -9.000 -999. 489. -69.3 0.0450 0.59 0.24 4.36 234.0 10.0 287.0 2.0 0
0.00 83. 1011. 3 ADJ-SFC NoSubs
16 7 3 185 19 -5.6 0.204 -9.000 -9.000 -999. 234. 137.8 0.0450 0.59 0.38 2.86 230.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-SFC NoSubs
16 7 3 185 20 -14.5 0.162 -9.000 -9.000 -999. 157. 28.7 0.0450 0.59 1.00 2.36 227.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-SFC NoSubs
16 7 3 185 21 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.59 1.00 1.76 245.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-SFC NoSubs
16 7 3 185 22 -7.9 0.118 -9.000 -9.000 -999. 97. 18.6 0.0450 0.59 1.00 1.76 214.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-SFC NoSubs
16 7 3 185 23 -12.7 0.148 -9.000 -9.000 -999. 136. 24.0 0.0280 0.59 1.00 2.36 187.0 10.0 285.4 2.0 0
0.00 96. 1012. 10 ADJ-SFC NoSubs
16 7 3 185 24 -14.5 0.162 -9.000 -9.000 -999. 156. 28.7 0.0450 0.59 1.00 2.36 231.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-SFC NoSubs
16 7 4 186 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-SFC NoSubs
16 7 4 186 2 -9.8 0.129 -9.000 -9.000 -999. 112. 19.9 0.0280 0.59 1.00 2.09 192.0 10.0 284.9 2.0 0

0.00 96. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 3 -8.0 0.118 -9.000 -9.000 -999. 98. 18.7 0.0450 0.59 1.00 1.77 219.0 10.0 284.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 4 -5.5 0.097 -9.000 -9.000 -999. 73. 15.0 0.0360 0.59 1.00 1.53 241.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 5 -5.6 0.098 -9.000 -9.000 -999. 73. 15.1 0.0360 0.59 1.00 1.54 267.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 7 4 186 6 -3.8 0.085 -9.000 -9.000 -999. 60. 14.9 0.0320 0.59 0.50 1.37 299.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 7 4 186 7 5.4 0.115 0.290 0.027 164. 93. -25.3 0.0320 0.59 0.28 1.45 274.0 10.0 285.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 7 4 186 8 17.9 0.147 0.500 0.032 251. 136. -16.1 0.0450 0.59 0.20 1.67 224.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 7 4 186 9 29.8 0.233 0.663 0.035 353. 269. -38.2 0.0450 0.59 0.18 2.83 218.0 10.0 288.8 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
16 7 4 186 10 38.6 0.357 0.784 0.037 450. 511. -106.2 0.0450 0.59 0.17 4.58 232.0 10.0 288.1 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
16 7 4 186 11 45.3 0.330 0.878 0.037 540. 456. -71.9 0.0450 0.59 0.17 4.17 233.0 10.0 289.2 2.0 0
0.00 74. 1013. 10 ADJ-A1 NoSubs
16 7 4 186 12 201.1 0.442 1.463 0.013 564. 705. -38.8 0.0450 0.59 0.17 5.38 215.0 10.0 291.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
16 7 4 186 13 203.4 0.449 1.477 0.012 574. 722. -40.2 0.0450 0.59 0.17 5.48 227.0 10.0 292.0 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
16 7 4 186 14 194.0 0.483 1.462 0.009 582. 805. -52.5 0.0450 0.59 0.17 5.99 222.0 10.0 291.4 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
16 7 4 186 15 42.2 0.407 0.881 0.019 584. 629. -144.6 0.0450 0.59 0.17 5.29 235.0 10.0 290.9 2.0 0
0.00 69. 1012. 10 ADJ-A1 NoSubs
16 7 4 186 16 115.6 0.372 1.236 0.027 590. 546. -40.2 0.0450 0.59 0.18 4.54 232.0 10.0 289.9 2.0 0
0.00 74. 1011. 7 ADJ-A1 NoSubs
16 7 4 186 17 23.1 0.324 0.724 0.027 590. 445. -132.9 0.0450 0.59 0.19 4.20 232.0 10.0 288.8 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 18 10.7 0.314 0.561 0.027 591. 423. -261.1 0.0450 0.59 0.24 4.15 223.0 10.0 287.5 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 19 -7.4 0.269 -9.000 -9.000 -999. 336. 237.9 0.0450 0.59 0.38 3.73 219.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 20 -16.7 0.173 -9.000 -9.000 -999. 176. 32.7 0.0360 0.59 1.00 2.61 253.0 10.0 286.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 21 -7.8 0.116 -9.000 -9.000 -999. 96. 18.1 0.0360 0.59 1.00 1.81 259.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 22 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0360 0.59 1.00 1.43 256.0 10.0 286.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 23 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0320 0.59 1.00 1.62 282.0 10.0 286.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
16 7 4 186 24 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0360 0.59 1.00 1.65 253.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 5 187 1 -5.6 0.098 -9.000 -9.000 -999. 73. 14.9 0.0320 0.59 1.00 1.57 276.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 5 187 2 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.59 1.00 1.25 303.0 10.0 285.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 7 5 187 3 -6.4 0.106 -9.000 -9.000 -999. 82. 16.6 0.0450 0.59 1.00 1.59 218.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 7 5 187 4 -8.3 0.121 -9.000 -9.000 -999. 101. 19.3 0.0450 0.59 1.00 1.81 231.0 10.0 285.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 7 5 187 5 -8.8 0.125 -9.000 -9.000 -999. 106. 19.9 0.0450 0.59 1.00 1.86 235.0 10.0 285.9 2.0 0

0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 5 187 6 -7.9 0.126 -9.000 -9.000 -999. 107. 22.7 0.0360 0.59 0.50 1.93 243.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 5 187 7 5.4 0.139 0.342 0.013 267. 125. -45.0 0.0360 0.59 0.28 1.79 255.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 5 187 8 18.1 0.195 0.551 0.018 332. 207. -37.0 0.0450 0.59 0.20 2.37 238.0 10.0 287.0 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
16 7 5 187 9 29.4 0.256 0.677 0.025 381. 312. -51.8 0.0450 0.59 0.18 3.18 227.0 10.0 287.5 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 7 5 187 10 38.7 0.246 0.777 0.032 437. 294. -34.9 0.0280 0.59 0.17 3.27 207.0 10.0 288.8 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
16 7 5 187 11 152.3 0.294 1.361 0.035 598. 382. -15.0 0.0450 0.59 0.17 3.30 214.0 10.0 291.4 2.0 0
0.00 62. 1012. 7 ADJ-A1 NoSubs
16 7 5 187 12 163.0 0.371 1.437 0.034 658. 542. -28.2 0.0280 0.59 0.17 4.85 208.0 10.0 290.9 2.0 0
0.00 67. 1011. 7 ADJ-A1 NoSubs
16 7 5 187 13 164.7 0.402 1.462 0.033 684. 611. -35.5 0.0450 0.59 0.17 4.86 218.0 10.0 291.4 2.0 0
0.00 67. 1011. 7 ADJ-SFC NoSubs
16 7 5 187 14 196.8 0.406 1.581 0.031 725. 621. -30.6 0.0450 0.59 0.17 4.86 231.0 10.0 291.4 2.0 0
0.00 65. 1011. 2 ADJ-SFC NoSubs
16 7 5 187 15 167.2 0.404 1.523 0.030 763. 615. -35.4 0.0280 0.59 0.17 5.36 208.0 10.0 290.4 2.0 0
0.00 69. 1010. 5 ADJ-SFC NoSubs
16 7 5 187 16 140.0 0.398 1.451 0.028 787. 603. -40.5 0.0450 0.59 0.18 4.86 214.0 10.0 290.4 2.0 0
0.00 67. 1010. 0 ADJ-SFC NoSubs
16 7 5 187 17 82.9 0.327 1.224 0.028 798. 452. -37.9 0.0280 0.59 0.19 4.36 198.0 10.0 288.1 2.0 0
0.00 77. 1010. 7 ADJ-SFC NoSubs
16 7 5 187 18 10.6 0.294 0.617 0.028 799. 383. -215.5 0.0450 0.59 0.24 3.86 222.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
16 7 5 187 19 -5.7 0.204 -9.000 -9.000 -999. 225. 135.1 0.0450 0.59 0.38 2.86 215.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
16 7 5 187 20 -19.7 0.198 -9.000 -9.000 -999. 212. 43.3 0.0450 0.59 1.00 2.86 210.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-SFC NoSubs
16 7 5 187 21 -7.2 0.111 -9.000 -9.000 -999. 92. 17.2 0.0340 0.59 1.00 1.76 82.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-SFC NoSubs
16 7 5 187 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 92. 1011. 10 ADJ-SFC NoSubs
16 7 5 187 23 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0340 0.59 1.00 1.76 68.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-SFC NoSubs
16 7 5 187 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 89. 1010. 10 ADJ-SFC NoSubs
16 7 6 188 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-SFC NoSubs
16 7 6 188 2 -7.8 0.117 -9.000 -9.000 -999. 96. 18.5 0.0440 0.59 1.00 1.76 335.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-SFC NoSubs
16 7 6 188 3 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.59 1.00 1.76 269.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-SFC NoSubs
16 7 6 188 4 -6.9 0.108 -9.000 -9.000 -999. 85. 16.3 0.0280 0.59 1.00 1.76 207.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-SFC NoSubs
16 7 6 188 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-SFC NoSubs
16 7 6 188 6 -11.3 0.149 -9.000 -9.000 -999. 138. 26.5 0.0280 0.59 0.50 2.36 192.0 10.0 285.4 2.0 0
0.00 89. 1011. 10 ADJ-SFC NoSubs
16 7 6 188 7 5.4 0.141 0.306 0.010 190. 127. -46.4 0.0420 0.59 0.28 1.76 167.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-SFC NoSubs
16 7 6 188 8 17.9 -9.000 -9.000 -9.000 305. -999. -99999.0 0.0373 0.59 0.20 0.00 0.0 10.0 286.4 2.0 0

0.00 80. 1011. 10 ADJ-SFC NoSubs
16 7 6 188 9 29.3 0.152 0.705 0.032 432. 142. -10.8 0.0280 0.59 0.18 1.83 189.0 10.0 287.5 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
16 7 6 188 10 38.8 0.221 0.843 0.033 558. 249. -25.0 0.0420 0.59 0.17 2.64 176.0 10.0 289.2 2.0 0
0.00 69. 1012. 10 ADJ-A1 NoSubs
16 7 6 188 11 151.8 0.290 1.382 0.031 628. 375. -14.5 0.0420 0.59 0.17 3.30 162.0 10.0 290.4 2.0 0
0.00 67. 1012. 7 ADJ-A1 NoSubs
16 7 6 188 12 193.7 0.342 1.522 0.029 658. 481. -18.7 0.0280 0.59 0.17 4.34 197.0 10.0 291.4 2.0 0
0.00 62. 1011. 5 ADJ-A1 NoSubs
16 7 6 188 13 49.6 0.399 0.970 0.029 665. 604. -115.3 0.0280 0.59 0.17 5.61 208.0 10.0 290.4 2.0 0
0.00 67. 1011. 10 ADJ-A1 NoSubs
16 7 6 188 14 157.4 0.478 1.441 0.013 686. 793. -62.6 0.0450 0.59 0.17 5.99 215.0 10.0 290.9 2.0 0
0.00 67. 1011. 7 ADJ-A1 NoSubs
16 7 6 188 15 172.2 0.451 1.491 0.019 696. 727. -47.9 0.0450 0.59 0.17 5.56 216.0 10.0 290.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
16 7 6 188 16 139.8 0.399 1.397 0.024 703. 606. -40.8 0.0280 0.59 0.18 5.34 205.0 10.0 289.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
16 7 6 188 17 102.1 0.370 1.261 0.022 709. 541. -44.7 0.0420 0.59 0.19 4.61 175.0 10.0 289.2 2.0 0
0.00 74. 1010. 3 ADJ-A1 NoSubs
16 7 6 188 18 10.9 0.312 0.598 0.022 709. 419. -251.0 0.0390 0.59 0.24 4.22 146.0 10.0 288.1 2.0 0
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16 7 6 188 19 -6.2 0.248 -9.000 -9.000 -999. 299. 224.3 0.0360 0.59 0.38 3.59 108.0 10.0 287.5 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
16 7 6 188 20 -23.0 0.234 -9.000 -9.000 -999. 272. 60.2 0.0340 0.59 1.00 3.52 85.0 10.0 287.0 2.0 0
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16 7 6 188 21 -17.2 0.175 -9.000 -9.000 -999. 176. 33.6 0.0340 0.59 1.00 2.67 65.0 10.0 286.4 2.0 0
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16 7 6 188 22 -15.0 0.163 -9.000 -9.000 -999. 158. 29.2 0.0340 0.59 1.00 2.50 66.0 10.0 286.4 2.0 0
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16 7 6 188 23 -11.4 0.141 -9.000 -9.000 -999. 128. 22.4 0.0370 0.59 1.00 2.16 57.0 10.0 286.4 2.0 0
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16 7 6 188 24 -6.5 0.106 -9.000 -9.000 -999. 83. 16.4 0.0370 0.59 1.00 1.65 26.0 10.0 286.4 2.0 0
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16 7 7 189 1 -3.7 0.080 -9.000 -9.000 -999. 55. 12.5 0.0340 0.59 1.00 1.26 69.0 10.0 285.9 2.0 0
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16 7 7 189 2 -6.1 0.102 -9.000 -9.000 -999. 79. 15.9 0.0370 0.59 1.00 1.60 39.0 10.0 285.9 2.0 0
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16 7 7 189 3 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0370 0.59 1.00 1.47 27.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 7 7 189 4 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0370 0.59 1.00 1.06 45.0 10.0 285.9 2.0 0
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16 7 7 189 5 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0370 0.59 1.00 1.42 46.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 7 7 189 6 -3.8 0.086 -9.000 -9.000 -999. 61. 15.1 0.0370 0.59 0.51 1.35 47.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 7 7 189 7 5.2 0.106 0.312 0.005 209. 83. -20.8 0.0340 0.59 0.28 1.31 73.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 7 7 189 8 17.8 0.134 0.516 0.014 278. 118. -12.2 0.0370 0.59 0.20 1.54 44.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 7 7 189 9 29.2 0.129 0.666 0.026 364. 111. -6.6 0.0440 0.59 0.18 1.33 337.0 10.0 287.5 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
16 7 7 189 10 38.6 0.128 0.786 0.028 454. 109. -4.8 0.0440 0.59 0.17 1.26 342.0 10.0 288.8 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
16 7 7 189 11 187.0 0.201 1.535 0.032 698. 216. -3.9 0.0420 0.59 0.17 1.95 164.0 10.0 292.5 2.0 0

0.00 62. 1010. 0 ADJ-A1 NoSubs
16 7 7 189 12 200.7 0.351 1.597 0.030 733. 499. -19.4 0.0280 0.59 0.17 4.46 208.0 10.0 291.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
16 7 7 189 13 203.5 0.337 1.616 0.028 748. 469. -16.9 0.0450 0.59 0.17 3.83 226.0 10.0 293.1 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
16 7 7 189 14 194.6 0.332 1.602 0.026 763. 459. -17.0 0.0280 0.59 0.17 4.17 189.0 10.0 293.8 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
16 7 7 189 15 172.8 0.306 1.548 0.025 775. 407. -14.9 0.0280 0.59 0.17 3.80 190.0 10.0 292.5 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
16 7 7 189 16 140.3 0.338 1.448 0.023 780. 472. -24.8 0.0360 0.59 0.18 4.17 114.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
16 7 7 189 17 98.5 0.371 1.289 0.023 784. 542. -46.7 0.0360 0.59 0.19 4.78 115.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 7 7 189 18 50.0 0.367 1.030 0.022 786. 533. -88.8 0.0360 0.59 0.24 4.88 96.0 10.0 289.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
16 7 7 189 19 0.4 0.296 0.197 0.022 786. 389. -6630.8 0.0340 0.59 0.39 4.20 87.0 10.0 288.8 2.0 0
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0.00 86. 1011. 7 ADJ-A1 NoSubs
16 7 7 189 23 -5.7 0.099 -9.000 -9.000 -999. 75. 15.4 0.0370 0.59 1.00 1.55 32.0 10.0 287.0 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 7 7 189 24 -7.8 0.117 -9.000 -9.000 -999. 96. 18.3 0.0370 0.59 1.00 1.81 59.0 10.0 287.0 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 7 8 190 1 -7.2 0.112 -9.000 -9.000 -999. 90. 17.4 0.0370 0.59 1.00 1.74 59.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 7 8 190 2 -7.9 0.117 -9.000 -9.000 -999. 97. 18.3 0.0370 0.59 1.00 1.82 51.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 7 8 190 3 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0370 0.59 1.00 1.64 50.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 7 8 190 4 -13.0 0.151 -9.000 -9.000 -999. 141. 25.1 0.0340 0.59 1.00 2.33 71.0 10.0 285.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 7 8 190 5 -10.1 0.133 -9.000 -9.000 -999. 116. 20.9 0.0360 0.59 1.00 2.05 100.0 10.0 285.9 2.0 0
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16 7 8 190 6 -5.9 0.107 -9.000 -9.000 -999. 85. 18.9 0.0360 0.59 0.51 1.67 99.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 7 8 190 7 5.2 0.081 0.304 0.005 193. 56. -9.3 0.0370 0.59 0.28 0.91 56.0 10.0 286.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 7 8 190 8 17.9 0.124 0.526 0.006 293. 105. -9.6 0.0360 0.59 0.20 1.40 268.0 10.0 287.0 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
16 7 8 190 9 29.5 0.122 0.672 0.012 371. 103. -5.6 0.0420 0.59 0.18 1.25 154.0 10.0 288.8 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
16 7 8 190 10 131.5 0.186 1.304 0.016 608. 193. -4.4 0.0420 0.59 0.17 1.84 168.0 10.0 290.9 2.0 0
0.00 69. 1012. 7 ADJ-A1 NoSubs
16 7 8 190 11 186.7 0.291 1.595 0.020 785. 377. -11.9 0.0280 0.59 0.17 3.54 184.0 10.0 292.0 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
16 7 8 190 12 200.9 0.337 1.649 0.019 807. 470. -17.2 0.0280 0.59 0.17 4.24 206.0 10.0 292.5 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
16 7 8 190 13 203.3 0.333 1.671 0.018 828. 462. -16.4 0.0280 0.59 0.17 4.17 197.0 10.0 293.1 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
16 7 8 190 14 194.3 0.321 1.660 0.017 850. 437. -15.4 0.0280 0.59 0.17 4.00 192.0 10.0 293.1 2.0 0

0.00 62. 1011. 0 ADJ-A1 NoSubs
16 7 8 190 15 172.8 0.317 1.615 0.016 880. 429. -16.7 0.0280 0.59 0.17 3.98 191.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
16 7 8 190 16 140.0 0.335 1.519 0.016 903. 466. -24.3 0.0420 0.59 0.18 4.00 165.0 10.0 290.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 7 8 190 17 98.3 0.352 1.381 0.016 968. 501. -40.0 0.0390 0.59 0.19 4.42 144.0 10.0 289.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
16 7 8 190 18 49.7 0.325 1.112 0.016 997. 446. -62.4 0.0390 0.59 0.24 4.19 127.0 10.0 289.2 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
16 7 8 190 19 0.0 0.269 0.106 0.016 996. 336. -8888.0 0.0390 0.59 0.39 3.73 136.0 10.0 288.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
16 7 8 190 20 -20.5 0.208 -9.000 -9.000 -999. 229. 47.6 0.0390 0.59 1.00 3.07 130.0 10.0 287.5 2.0 0
0.00 89. 1011. 3 ADJ-A1 NoSubs
16 7 8 190 21 -8.1 0.118 -9.000 -9.000 -999. 101. 18.5 0.0360 0.59 1.00 1.84 115.0 10.0 287.0 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
16 7 8 190 22 -4.5 0.087 -9.000 -9.000 -999. 62. 13.2 0.0280 0.59 1.00 1.43 187.0 10.0 286.4 2.0 0
0.00 92. 1011. 5 ADJ-A1 NoSubs
16 7 8 190 23 -5.9 0.100 -9.000 -9.000 -999. 76. 15.1 0.0280 0.59 1.00 1.64 195.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 7 8 190 24 -2.4 0.068 -9.000 -9.000 -999. 42. 11.6 0.0340 0.59 1.00 0.97 77.0 10.0 286.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 7 9 191 1 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0370 0.59 1.00 0.96 27.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 7 9 191 2 -2.0 0.065 -9.000 -9.000 -999. 40. 12.4 0.0440 0.59 1.00 0.82 330.0 10.0 285.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 7 9 191 3 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.59 1.00 1.25 322.0 10.0 285.4 2.0 0
0.00 89. 1012. 7 ADJ-A1 NoSubs
16 7 9 191 4 -2.4 0.067 -9.000 -9.000 -999. 42. 11.5 0.0320 0.59 1.00 0.96 292.0 10.0 284.2 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
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16 7 9 191 6 -2.5 0.072 -9.000 -9.000 -999. 47. 13.5 0.0440 0.59 0.51 1.09 342.0 10.0 285.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 7 9 191 7 28.6 0.093 0.634 0.012 321. 68. -2.5 0.0340 0.59 0.28 0.89 83.0 10.0 288.8 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
16 7 9 191 8 79.4 0.123 0.938 0.011 375. 103. -2.1 0.0420 0.59 0.20 1.08 150.0 10.0 291.4 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
16 7 9 191 9 125.1 0.171 1.172 0.011 465. 170. -3.6 0.0390 0.59 0.18 1.67 144.0 10.0 294.2 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
16 7 9 191 10 161.7 0.267 1.364 0.010 568. 330. -10.6 0.0280 0.59 0.17 3.20 198.0 10.0 295.4 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
16 7 9 191 11 187.9 0.300 1.577 0.019 755. 394. -12.9 0.0280 0.59 0.17 3.67 195.0 10.0 295.9 2.0 0
0.00 58. 1013. 0 ADJ-A1 Sub_CC
16 7 9 191 12 202.7 0.321 1.663 0.018 821. 437. -14.8 0.0420 0.59 0.17 3.66 179.0 10.0 297.5 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
16 7 9 191 13 205.7 0.323 1.724 0.017 901. 440. -14.7 0.0280 0.59 0.17 4.00 186.0 10.0 299.2 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
16 7 9 191 14 196.7 0.294 1.741 0.015 971. 384. -11.7 0.0373 0.59 0.17 3.36 999.0 10.0 299.2 2.0 0
0.00 49. 1013. 0 ADJ-SFC NoSubs
16 7 9 191 15 175.7 0.335 1.733 0.014 1072. 465. -19.3 0.0450 0.59 0.17 3.86 216.0 10.0 299.9 2.0 0
0.00 48. 1012. 0 ADJ-SFC NoSubs
16 7 9 191 16 143.5 0.364 1.646 0.014 1124. 528. -30.4 0.0450 0.59 0.18 4.36 220.0 10.0 299.9 2.0 0
0.00 46. 1012. 0 ADJ-SFC NoSubs
16 7 9 191 17 101.7 0.311 1.471 0.013 1130. 418. -26.7 0.0360 0.59 0.19 3.86 252.0 10.0 299.2 2.0 0

0.00 44. 1011. 0 ADJ-SFC NoSubs
16 7 9 191 18 52.5 0.366 1.181 0.013 1132. 532. -84.2 0.0360 0.59 0.24 4.86 249.0 10.0 297.5 2.0 0
0.00 47. 1011. 0 ADJ-SFC NoSubs
16 7 9 191 19 1.8 0.397 0.386 0.013 1131. 601. -3095.7 0.0450 0.59 0.39 5.36 212.0 10.0 294.2 2.0 0
0.00 56. 1011. 0 ADJ-SFC NoSubs
16 7 9 191 20 -28.4 0.292 -9.000 -9.000 -999. 386. 94.1 0.0340 0.59 1.00 4.36 74.0 10.0 291.4 2.0 0
0.00 65. 1012. 0 ADJ-SFC NoSubs
16 7 9 191 21 -25.5 0.260 -9.000 -9.000 -999. 319. 74.6 0.0360 0.59 1.00 3.86 94.0 10.0 289.2 2.0 0
0.00 71. 1013. 0 ADJ-SFC NoSubs
16 7 9 191 22 -7.4 0.113 -9.000 -9.000 -999. 109. 17.8 0.0373 0.59 1.00 1.76 999.0 10.0 288.8 2.0 0
0.00 71. 1013. 0 ADJ-SFC NoSubs
16 7 9 191 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.5 2.0
0 0.00 77. 1013. 0 ADJ-SFC NoSubs
16 7 9 191 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.0 2.0
0 0.00 74. 1013. 0 ADJ-SFC NoSubs
16 7 10 192 1 -7.5 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.59 1.00 1.76 306.0 10.0 285.9 2.0 0
0.00 82. 1014. 0 ADJ-SFC NoSubs
16 7 10 192 2 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.59 1.00 1.76 312.0 10.0 284.9 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
16 7 10 192 3 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.59 1.00 1.76 321.0 10.0 283.8 2.0 0
0.00 89. 1013. 0 ADJ-SFC NoSubs
16 7 10 192 4 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.59 1.00 1.76 314.0 10.0 283.1 2.0 0
0.00 89. 1013. 0 ADJ-SFC NoSubs
16 7 10 192 5 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.59 1.00 1.76 311.0 10.0 283.1 2.0 0
0.00 86. 1014. 0 ADJ-SFC NoSubs
16 7 10 192 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.52 0.00 0.0 10.0 283.8 2.0
0 0.00 85. 1014. 0 ADJ-SFC NoSubs
16 7 10 192 7 27.6 -9.000 -9.000 -9.000 341. -999. -99999.0 0.0373 0.59 0.28 0.00 0.0 10.0 286.4 2.0 0
0.00 77. 1014. 0 ADJ-SFC NoSubs
16 7 10 192 8 78.2 -9.000 -9.000 -9.000 427. -999. -99999.0 0.0373 0.59 0.20 0.00 0.0 10.0 288.8 2.0 0
0.00 68. 1014. 0 ADJ-SFC NoSubs
16 7 10 192 9 123.6 0.217 1.223 0.018 536. 243. -7.5 0.0373 0.59 0.18 2.36 999.0 10.0 290.9 2.0 0
0.00 59. 1013. 0 ADJ-SFC NoSubs
16 7 10 192 10 160.6 0.309 1.400 0.017 618. 412. -16.6 0.0420 0.59 0.17 3.56 171.0 10.0 293.1 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
16 7 10 192 11 186.6 0.325 1.513 0.015 671. 444. -16.6 0.0280 0.59 0.17 4.07 194.0 10.0 293.1 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
16 7 10 192 12 201.9 0.319 1.681 0.016 852. 433. -14.5 0.0420 0.59 0.17 3.63 173.0 10.0 295.9 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
16 7 10 192 13 204.4 0.309 1.717 0.015 896. 413. -13.1 0.0420 0.59 0.17 3.48 171.0 10.0 296.4 2.0 0
0.00 42. 1012. 0 ADJ-A1 Sub_CC
16 7 10 192 14 195.8 0.348 1.716 0.013 932. 493. -19.4 0.0420 0.59 0.17 4.07 170.0 10.0 297.5 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
16 7 10 192 15 174.5 0.375 1.661 0.012 948. 550. -27.2 0.0420 0.59 0.17 4.51 166.0 10.0 297.5 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
16 7 10 192 16 142.6 0.293 1.561 0.011 962. 385. -16.0 0.0420 0.59 0.18 3.37 152.0 10.0 298.1 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
16 7 10 192 17 100.8 0.296 1.395 0.010 971. 387. -23.3 0.0390 0.59 0.19 3.58 136.0 10.0 297.5 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
16 7 10 192 18 51.4 0.325 1.117 0.010 975. 445. -60.1 0.0390 0.59 0.24 4.18 142.0 10.0 295.0 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
16 7 10 192 19 1.0 0.284 0.304 0.010 973. 364. -1989.9 0.0390 0.59 0.39 3.93 149.0 10.0 292.5 2.0 0
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16 7 10 192 20 -19.1 0.196 -9.000 -9.000 -999. 211. 42.2 0.0390 0.59 1.00 2.90 138.0 10.0 289.9 2.0 0

0.00 64. 1009. 0 ADJ-A1 NoSubs
16 7 10 192 21 -12.4 0.148 -9.000 -9.000 -999. 137. 24.0 0.0340 0.59 1.00 2.28 89.0 10.0 288.8 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
16 7 10 192 22 -19.1 0.194 -9.000 -9.000 -999. 206. 41.6 0.0340 0.59 1.00 2.95 68.0 10.0 287.5 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
16 7 10 192 23 -10.8 0.138 -9.000 -9.000 -999. 124. 21.8 0.0370 0.59 1.00 2.11 52.0 10.0 286.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
16 7 10 192 24 -11.5 0.142 -9.000 -9.000 -999. 128. 22.4 0.0340 0.59 1.00 2.20 71.0 10.0 285.9 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
16 7 11 193 1 -9.0 0.125 -9.000 -9.000 -999. 106. 19.6 0.0370 0.59 1.00 1.93 59.0 10.0 285.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 2 -6.1 0.102 -9.000 -9.000 -999. 79. 15.8 0.0370 0.59 1.00 1.60 11.0 10.0 284.9 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 3 -7.0 0.111 -9.000 -9.000 -999. 88. 17.4 0.0440 0.59 1.00 1.67 334.0 10.0 283.8 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 4 -7.9 0.117 -9.000 -9.000 -999. 96. 18.3 0.0380 0.59 1.00 1.81 315.0 10.0 283.8 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 5 -7.8 0.116 -9.000 -9.000 -999. 95. 18.0 0.0380 0.59 1.00 1.79 310.0 10.0 283.1 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 6 -4.4 0.093 -9.000 -9.000 -999. 69. 16.8 0.0380 0.59 0.52 1.45 310.0 10.0 284.2 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 7 27.3 0.110 0.511 0.021 176. 88. -4.4 0.0360 0.59 0.28 1.13 242.0 10.0 287.0 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 8 78.2 0.148 0.827 0.020 260. 137. -3.7 0.0420 0.59 0.21 1.43 163.0 10.0 289.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 9 123.7 0.217 1.032 0.016 320. 243. -7.5 0.0390 0.59 0.18 2.34 142.0 10.0 292.0 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 10 160.0 0.334 1.263 0.013 453. 464. -21.1 0.0280 0.59 0.17 4.28 189.0 10.0 292.0 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 11 187.3 0.267 1.377 0.011 502. 333. -9.1 0.0280 0.59 0.17 3.15 186.0 10.0 295.4 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 12 201.5 0.375 1.451 0.007 546. 551. -23.5 0.0420 0.59 0.17 4.46 170.0 10.0 295.4 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
16 7 11 193 13 204.0 0.344 1.518 0.005 617. 486. -18.0 0.0420 0.59 0.17 4.00 170.0 10.0 295.9 2.0 0
0.00 43. 1008. 0 ADJ-A1 NoSubs
16 7 11 193 14 195.2 0.364 1.569 0.005 713. 527. -22.2 0.0420 0.59 0.17 4.31 167.0 10.0 296.4 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
16 7 11 193 15 173.3 0.378 1.684 0.005 993. 558. -28.0 0.0420 0.59 0.17 4.56 154.0 10.0 294.9 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
16 7 11 193 16 140.4 0.354 1.670 0.005 1192. 506. -28.4 0.0390 0.59 0.18 4.34 131.0 10.0 293.1 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
16 7 11 193 17 98.2 0.361 1.527 0.005 1305. 521. -43.2 0.0390 0.59 0.19 4.56 148.0 10.0 290.9 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
16 7 11 193 18 49.4 0.343 1.275 0.008 1510. 483. -73.6 0.0390 0.59 0.24 4.46 145.0 10.0 289.9 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
16 7 11 193 19 -0.8 0.338 -9.000 -9.000 -999. 471. 4546.0 0.0390 0.59 0.39 4.68 128.0 10.0 288.1 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 7 11 193 20 -25.8 0.263 -9.000 -9.000 -999. 327. 76.2 0.0360 0.59 1.00 3.90 117.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
16 7 11 193 21 -12.5 0.148 -9.000 -9.000 -999. 144. 24.2 0.0360 0.59 1.00 2.27 100.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
16 7 11 193 22 -9.3 0.127 -9.000 -9.000 -999. 109. 20.0 0.0370 0.59 1.00 1.96 45.0 10.0 286.4 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
16 7 11 193 23 -7.1 0.110 -9.000 -9.000 -999. 88. 17.2 0.0370 0.59 1.00 1.72 37.0 10.0 285.9 2.0 0

0.00 86. 1008. 0 ADJ-A1 NoSubs
16 7 11 193 24 -12.1 0.145 -9.000 -9.000 -999. 133. 23.3 0.0340 0.59 1.00 2.25 71.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
16 7 12 194 1 -8.6 0.122 -9.000 -9.000 -999. 102. 18.9 0.0340 0.59 1.00 1.91 79.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
16 7 12 194 2 -9.6 0.129 -9.000 -9.000 -999. 112. 20.3 0.0370 0.59 1.00 1.99 53.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
16 7 12 194 3 -4.7 0.090 -9.000 -9.000 -999. 64. 13.9 0.0370 0.59 1.00 1.40 29.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
16 7 12 194 4 -6.2 0.104 -9.000 -9.000 -999. 80. 16.0 0.0370 0.59 1.00 1.62 46.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
16 7 12 194 5 -4.1 0.084 -9.000 -9.000 -999. 59. 13.0 0.0340 0.59 1.00 1.33 75.0 10.0 285.9 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
16 7 12 194 6 -5.9 0.106 -9.000 -9.000 -999. 83. 18.3 0.0370 0.59 0.52 1.65 39.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 7 12 194 7 4.5 0.121 0.309 0.024 234. 101. -34.9 0.0370 0.59 0.28 1.52 38.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 7 12 194 8 17.3 0.140 0.524 0.025 298. 126. -14.4 0.0340 0.59 0.21 1.67 65.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
16 7 12 194 9 28.8 0.158 0.674 0.027 382. 151. -12.3 0.0340 0.59 0.18 1.85 71.0 10.0 287.5 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
16 7 12 194 10 159.2 0.202 1.325 0.027 527. 218. -4.7 0.0390 0.59 0.17 2.04 123.0 10.0 290.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
16 7 12 194 11 185.5 0.275 1.417 0.025 554. 346. -10.1 0.0420 0.59 0.17 3.01 174.0 10.0 290.9 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
16 7 12 194 12 200.3 0.304 1.465 0.022 566. 402. -12.6 0.0420 0.59 0.17 3.41 171.0 10.0 292.5 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
16 7 12 194 13 203.0 0.298 1.483 0.019 579. 391. -11.8 0.0420 0.59 0.17 3.32 164.0 10.0 293.8 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
16 7 12 194 14 194.0 0.319 1.470 0.017 590. 432. -15.0 0.0420 0.59 0.17 3.64 158.0 10.0 293.8 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
16 7 12 194 15 172.5 0.373 1.422 0.014 600. 547. -27.1 0.0390 0.59 0.17 4.56 148.0 10.0 293.1 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
16 7 12 194 16 140.1 0.339 1.338 0.013 616. 475. -25.1 0.0390 0.59 0.18 4.12 140.0 10.0 292.5 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
16 7 12 194 17 98.8 0.303 1.204 0.011 635. 402. -25.4 0.0390 0.59 0.19 3.69 126.0 10.0 293.1 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
16 7 12 194 18 49.7 0.339 0.964 0.011 647. 473. -70.3 0.0390 0.59 0.24 4.39 140.0 10.0 291.4 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
16 7 12 194 19 -0.1 0.225 -9.000 -9.000 -999. 264. 6990.3 0.0390 0.59 0.39 3.12 133.0 10.0 290.4 2.0 0
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16 7 12 194 20 -20.4 0.209 -9.000 -9.000 -999. 229. 47.9 0.0390 0.59 1.00 3.08 134.0 10.0 288.8 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
16 7 12 194 21 -12.2 0.147 -9.000 -9.000 -999. 136. 23.8 0.0390 0.59 1.00 2.22 120.0 10.0 287.5 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
16 7 12 194 22 -7.4 0.113 -9.000 -9.000 -999. 92. 17.6 0.0360 0.59 1.00 1.77 93.0 10.0 286.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
16 7 12 194 23 -3.6 0.080 -9.000 -9.000 -999. 54. 12.6 0.0370 0.59 1.00 1.23 14.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
16 7 12 194 24 -7.2 0.112 -9.000 -9.000 -999. 90. 17.4 0.0370 0.59 1.00 1.74 50.0 10.0 285.9 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
16 7 13 195 1 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.59 1.00 1.37 319.0 10.0 284.9 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
16 7 13 195 2 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0360 0.59 1.00 1.11 261.0 10.0 283.8 2.0 0

0.00 92. 1009. 0 ADJ-A1 NoSubs
16 7 13 195 3 -3.8 0.080 -9.000 -9.000 -999. 54. 12.2 0.0280 0.59 1.00 1.30 209.0 10.0 284.2 2.0 0
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16 7 13 195 4 -3.1 0.075 -9.000 -9.000 -999. 50. 12.4 0.0450 0.59 1.00 1.09 235.0 10.0 283.8 2.0 0
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16 7 13 195 5 -4.4 0.087 -9.000 -9.000 -999. 62. 13.7 0.0420 0.59 1.00 1.33 168.0 10.0 284.2 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 7 13 195 6 -3.3 0.080 -9.000 -9.000 -999. 54. 13.7 0.0440 0.59 0.53 1.20 353.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 7 13 195 7 4.3 0.118 0.200 0.024 67. 97. -34.1 0.0370 0.59 0.29 1.48 47.0 10.0 284.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 7 13 195 8 17.0 0.114 0.426 0.029 164. 92. -7.9 0.0360 0.59 0.21 1.26 93.0 10.0 285.4 2.0 0
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16 7 13 195 9 28.7 0.134 0.604 0.032 276. 118. -7.6 0.0370 0.59 0.18 1.47 8.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 7 13 195 10 159.2 0.211 1.165 0.029 358. 232. -5.3 0.0420 0.59 0.17 2.13 174.0 10.0 291.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
16 7 13 195 11 185.8 0.295 1.282 0.025 409. 384. -12.4 0.0420 0.59 0.17 3.30 173.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
16 7 13 195 12 200.5 0.310 1.352 0.021 445. 414. -13.4 0.0280 0.59 0.17 3.81 181.0 10.0 293.8 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
16 7 13 195 13 202.9 0.339 1.391 0.017 479. 474. -17.4 0.0280 0.59 0.17 4.27 183.0 10.0 293.8 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
16 7 13 195 14 193.6 0.375 1.403 0.014 515. 551. -24.6 0.0420 0.59 0.17 4.48 168.0 10.0 293.1 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
16 7 13 195 15 172.0 0.381 1.411 0.012 589. 565. -29.0 0.0420 0.59 0.17 4.61 168.0 10.0 292.0 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
16 7 13 195 16 139.2 0.355 1.329 0.010 608. 508. -28.9 0.0420 0.59 0.18 4.29 172.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 7 13 195 17 97.4 0.326 1.188 0.009 621. 448. -32.2 0.0420 0.59 0.19 3.98 171.0 10.0 289.2 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
16 7 13 195 18 44.1 0.285 0.915 0.008 626. 365. -47.1 0.0420 0.59 0.24 3.56 173.0 10.0 287.0 2.0 0
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16 7 13 195 19 -8.1 0.230 -9.000 -9.000 -999. 266. 135.5 0.0420 0.59 0.39 3.27 166.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 7 13 195 20 -13.8 0.156 -9.000 -9.000 -999. 150. 26.9 0.0390 0.59 1.00 2.35 140.0 10.0 285.4 2.0 0
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16 7 13 195 21 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.59 1.00 1.76 119.0 10.0 285.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 7 13 195 22 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0340 0.59 1.00 1.30 66.0 10.0 286.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 7 13 195 23 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0370 0.59 1.00 1.37 18.0 10.0 285.4 2.0 0
0.00 92. 1010. 3 ADJ-A1 NoSubs
16 7 13 195 24 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.59 1.00 1.25 45.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 7 14 196 1 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0320 0.59 1.00 1.09 297.0 10.0 284.2 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
16 7 14 196 2 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0360 0.59 1.00 1.06 255.0 10.0 283.8 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
16 7 14 196 3 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0280 0.59 1.00 1.38 198.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 7 14 196 4 -2.5 0.069 -9.000 -9.000 -999. 43. 11.5 0.0320 0.59 1.00 1.01 272.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 7 14 196 5 -4.2 0.084 -9.000 -9.000 -999. 59. 13.0 0.0320 0.59 1.00 1.35 293.0 10.0 284.9 2.0 0

0.00 96. 1010. 10 ADJ-A1 NoSubs
16 7 14 196 6 -3.0 0.076 -9.000 -9.000 -999. 50. 12.9 0.0380 0.59 0.53 1.17 310.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 7 14 196 7 4.3 0.095 0.178 0.034 47. 71. -18.1 0.0420 0.59 0.29 1.11 153.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 7 14 196 8 16.9 0.148 0.370 0.033 108. 137. -17.3 0.0390 0.59 0.21 1.74 136.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 7 14 196 9 101.1 0.150 0.808 0.029 188. 139. -3.0 0.0420 0.59 0.18 1.40 155.0 10.0 288.1 2.0 0
0.00 80. 1011. 7 ADJ-A1 NoSubs
16 7 14 196 10 158.6 0.266 1.064 0.022 274. 329. -10.7 0.0420 0.59 0.17 2.93 165.0 10.0 290.4 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
16 7 14 196 11 185.4 0.297 1.210 0.018 345. 389. -12.8 0.0420 0.59 0.17 3.34 166.0 10.0 292.0 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
16 7 14 196 12 199.9 0.350 1.303 0.011 400. 497. -19.3 0.0420 0.59 0.17 4.09 177.0 10.0 292.5 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
16 7 14 196 13 202.1 0.385 1.358 0.007 448. 572. -25.4 0.0280 0.59 0.17 4.99 194.0 10.0 292.0 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
16 7 14 196 14 192.9 0.359 1.378 0.010 489. 516. -21.6 0.0280 0.59 0.17 4.60 195.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
16 7 14 196 15 171.3 0.349 1.357 0.009 526. 494. -22.3 0.0280 0.59 0.17 4.48 187.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 7 14 196 16 138.9 0.343 1.294 0.007 563. 482. -26.1 0.0280 0.59 0.18 4.46 196.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 7 14 196 17 100.7 0.346 1.220 0.007 650. 488. -37.0 0.0450 0.59 0.19 4.20 212.0 10.0 288.1 2.0 0
0.00 80. 1009. 3 ADJ-A1 NoSubs
16 7 14 196 18 9.9 0.267 0.564 0.007 649. 335. -172.9 0.0280 0.59 0.24 3.81 207.0 10.0 285.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
16 7 14 196 19 -6.8 0.187 -9.000 -9.000 -999. 197. 87.4 0.0280 0.59 0.39 2.88 200.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 7 14 196 20 -18.0 0.182 -9.000 -9.000 -999. 186. 36.3 0.0280 0.59 1.00 2.86 187.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 7 14 196 21 -7.5 0.115 -9.000 -9.000 -999. 94. 18.0 0.0420 0.59 1.00 1.74 169.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 7 14 196 22 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0360 0.59 1.00 1.35 117.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 7 14 196 23 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0370 0.59 1.00 1.30 44.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 7 14 196 24 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0390 0.59 1.00 1.45 143.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 7 15 197 1 -3.5 0.078 -9.000 -9.000 -999. 52. 12.4 0.0390 0.59 1.00 1.18 131.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 7 15 197 2 -5.0 0.092 -9.000 -9.000 -999. 67. 14.2 0.0360 0.59 1.00 1.45 107.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 7 15 197 3 -5.9 0.101 -9.000 -9.000 -999. 78. 15.8 0.0420 0.59 1.00 1.55 167.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 7 15 197 4 -5.8 0.100 -9.000 -9.000 -999. 76. 15.5 0.0390 0.59 1.00 1.55 123.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 7 15 197 5 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0340 0.59 1.00 1.30 64.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 7 15 197 6 -3.8 0.084 -9.000 -9.000 -999. 58. 14.0 0.0370 0.59 0.54 1.31 2.0 10.0 284.2 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 7 15 197 7 4.1 0.106 0.277 0.035 188. 83. -26.2 0.0440 0.59 0.29 1.26 348.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 7 15 197 8 16.7 0.148 0.499 0.038 268. 137. -17.7 0.0390 0.59 0.21 1.75 135.0 10.0 284.9 2.0 0

0.00 96. 1009. 10 ADJ-A1 NoSubs
16 7 15 197 9 28.4 -9.000 -9.000 -9.000 367. -999. -99999.0 0.0373 0.59 0.18 999.00 999.0 -9.0 287.0 2.0 0 0.00 83. 1010. 10 NAD NoSubs
16 7 15 197 10 37.9 -9.000 -9.000 -9.000 384. -999. -99999.0 0.0373 0.59 0.17 999.00 999.0 -9.0 288.1 2.0 0 0.00 80. 1010. 10 NAD NoSubs
16 7 15 197 11 184.9 0.189 1.294 0.036 422. 196. -3.3 0.0280 0.59 0.17 1.96 199.0 10.0 291.4 2.0 0 0.00 65. 1010. 0 ADJ-A1 NoSubs
16 7 15 197 12 199.5 0.367 1.365 0.021 459. 533. -22.2 0.0280 0.59 0.17 4.71 181.0 10.0 292.0 2.0 0 0.00 62. 1009. 0 ADJ-A1 NoSubs
16 7 15 197 13 202.1 0.440 1.396 0.012 485. 700. -38.0 0.0280 0.59 0.17 5.87 207.0 10.0 292.5 2.0 0 0.00 60. 1009. 0 ADJ-A1 NoSubs
16 7 15 197 14 192.6 0.445 1.387 0.011 500. 712. -41.2 0.0450 0.59 0.17 5.44 220.0 10.0 290.9 2.0 0 0.00 67. 1009. 0 ADJ-A1 NoSubs
16 7 15 197 15 171.5 0.417 1.346 0.017 512. 647. -38.0 0.0450 0.59 0.17 5.07 216.0 10.0 291.4 2.0 0 0.00 67. 1008. 0 ADJ-A1 NoSubs
16 7 15 197 16 139.1 0.376 1.264 0.019 522. 555. -34.4 0.0450 0.59 0.18 4.54 236.0 10.0 290.9 2.0 0 0.00 69. 1008. 0 ADJ-A1 NoSubs
16 7 15 197 17 97.3 0.350 1.127 0.021 529. 498. -39.6 0.0450 0.59 0.19 4.27 234.0 10.0 290.4 2.0 0 0.00 72. 1007. 0 ADJ-A1 NoSubs
16 7 15 197 18 48.1 0.363 0.893 0.021 532. 525. -89.4 0.0450 0.59 0.24 4.63 235.0 10.0 288.8 2.0 0 0.00 77. 1007. 0 ADJ-A1 NoSubs
16 7 15 197 19 -9.1 0.278 -9.000 -9.000 -999. 356. 212.7 0.0450 0.59 0.40 3.86 229.0 10.0 287.0 2.0 0 0.00 86. 1008. 10 ADJ-A1 NoSubs
16 7 15 197 20 -21.5 0.218 -9.000 -9.000 -999. 246. 52.4 0.0450 0.59 1.00 3.13 234.0 10.0 286.4 2.0 0 0.00 89. 1008. 10 ADJ-A1 NoSubs
16 7 15 197 21 -16.8 0.175 -9.000 -9.000 -999. 176. 33.7 0.0450 0.59 1.00 2.54 236.0 10.0 286.4 2.0 0 0.00 92. 1008. 10 ADJ-A1 NoSubs
16 7 15 197 22 -5.5 0.097 -9.000 -9.000 -999. 75. 15.0 0.0360 0.59 1.00 1.53 269.0 10.0 286.4 2.0 0 0.00 92. 1008. 10 ADJ-A1 NoSubs
16 7 15 197 23 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0360 0.59 1.00 1.82 240.0 10.0 285.9 2.0 0 0.00 92. 1008. 10 ADJ-A1 NoSubs
16 7 15 197 24 -6.0 0.101 -9.000 -9.000 -999. 77. 15.6 0.0360 0.59 1.00 1.59 243.0 10.0 285.9 2.0 0 0.00 92. 1008. 10 ADJ-A1 NoSubs
16 7 16 198 1 -7.5 0.114 -9.000 -9.000 -999. 92. 17.5 0.0320 0.59 1.00 1.81 273.0 10.0 285.9 2.0 0 0.00 92. 1008. 10 ADJ-A1 NoSubs
16 7 16 198 2 -10.1 0.133 -9.000 -9.000 -999. 116. 20.9 0.0360 0.59 1.00 2.05 258.0 10.0 285.9 2.0 0 0.00 92. 1007. 10 ADJ-A1 NoSubs
16 7 16 198 3 -10.7 0.138 -9.000 -9.000 -999. 123. 22.2 0.0450 0.59 1.00 2.04 234.0 10.0 285.9 2.0 0 0.00 92. 1007. 10 ADJ-A1 NoSubs
16 7 16 198 4 -10.6 0.137 -9.000 -9.000 -999. 122. 22.0 0.0450 0.59 1.00 2.03 228.0 10.0 285.4 2.0 0 0.00 96. 1007. 10 ADJ-A1 NoSubs
16 7 16 198 5 -11.3 0.142 -9.000 -9.000 -999. 129. 22.9 0.0450 0.59 1.00 2.10 232.0 10.0 285.4 2.0 0 0.00 92. 1007. 10 ADJ-A1 NoSubs
16 7 16 198 6 -15.0 0.178 -9.000 -9.000 -999. 180. 34.7 0.0360 0.59 0.54 2.67 248.0 10.0 285.4 2.0 0 0.00 92. 1008. 10 ADJ-A1 NoSubs
16 7 16 198 7 4.2 0.213 0.322 0.034 285. 235. -205.0 0.0450 0.59 0.29 2.79 236.0 10.0 285.9 2.0 0 0.00 89. 1008. 10 ADJ-A1 NoSubs
16 7 16 198 8 16.9 0.204 0.534 0.034 323. 221. -45.0 0.0360 0.59 0.21 2.62 255.0 10.0 286.4 2.0 0 0.00 86. 1008. 10 ADJ-A1 NoSubs
16 7 16 198 9 28.4 0.254 0.668 0.036 378. 307. -51.9 0.0450 0.59 0.18 3.15 232.0 10.0 287.0 2.0 0 0.00 83. 1009. 10 ADJ-A1 NoSubs
16 7 16 198 10 37.8 0.289 0.774 0.039 442. 374. -57.7 0.0450 0.59 0.17 3.61 233.0 10.0 288.1 2.0 0 0.00 74. 1009. 10 ADJ-A1 NoSubs
16 7 16 198 11 44.7 0.328 0.857 0.040 507. 451. -71.2 0.0450 0.59 0.17 4.14 226.0 10.0 289.2 2.0 0

0.00 71. 1009. 10 ADJ-A1 NoSubs
16 7 16 198 12 48.3 0.326 0.897 0.040 537. 447. -64.5 0.0450 0.59 0.17 4.09 231.0 10.0 289.2 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
16 7 16 198 13 163.1 0.381 1.388 0.038 590. 564. -30.5 0.0450 0.59 0.17 4.56 212.0 10.0 289.9 2.0 0
0.00 72. 1009. 7 ADJ-A1 NoSubs
16 7 16 198 14 192.6 0.380 1.494 0.036 623. 563. -25.6 0.0450 0.59 0.17 4.49 227.0 10.0 291.4 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
16 7 16 198 15 171.2 0.389 1.457 0.035 651. 582. -30.9 0.0280 0.59 0.17 5.12 197.0 10.0 290.9 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
16 7 16 198 16 138.7 0.381 1.370 0.033 667. 565. -35.9 0.0280 0.59 0.18 5.07 199.0 10.0 290.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
16 7 16 198 17 22.5 0.325 0.749 0.033 668. 448. -137.4 0.0450 0.59 0.19 4.22 212.0 10.0 288.1 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
16 7 16 198 18 10.2 0.300 0.575 0.033 669. 395. -237.6 0.0450 0.59 0.24 3.95 221.0 10.0 287.5 2.0 0
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16 7 16 198 19 -7.2 0.214 -9.000 -9.000 -999. 241. 122.5 0.0450 0.59 0.40 3.01 234.0 10.0 287.0 2.0 0
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16 7 16 198 20 -17.9 0.182 -9.000 -9.000 -999. 186. 36.3 0.0450 0.59 1.00 2.63 239.0 10.0 286.4 2.0 0
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16 7 16 198 21 -5.9 0.101 -9.000 -9.000 -999. 79. 15.6 0.0360 0.59 1.00 1.59 241.0 10.0 286.4 2.0 0
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16 7 16 198 22 -6.8 0.108 -9.000 -9.000 -999. 85. 16.4 0.0280 0.59 1.00 1.76 190.0 10.0 286.4 2.0 0
0.00 86. 1008. 10 ADJ-SFC NoSubs
16 7 16 198 23 -19.3 0.196 -9.000 -9.000 -999. 208. 42.2 0.0420 0.59 1.00 2.86 178.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
16 7 16 198 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 89. 1008. 10 ADJ-SFC NoSubs
16 7 17 199 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 89. 1008. 10 ADJ-SFC NoSubs
16 7 17 199 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 89. 1007. 10 ADJ-SFC NoSubs
16 7 17 199 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 92. 1007. 10 ADJ-SFC NoSubs
16 7 17 199 4 -13.5 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.59 1.00 2.36 241.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-SFC NoSubs
16 7 17 199 5 -7.8 0.117 -9.000 -9.000 -999. 96. 18.5 0.0440 0.59 1.00 1.76 334.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
16 7 17 199 6 -6.4 0.108 -9.000 -9.000 -999. 85. 17.8 0.0280 0.59 0.54 1.76 187.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-SFC NoSubs
16 7 17 199 7 3.8 0.138 0.334 0.032 347. 124. -62.3 0.0420 0.59 0.29 1.76 156.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-SFC NoSubs
16 7 17 199 8 16.6 0.211 0.560 0.033 382. 232. -50.9 0.0280 0.59 0.21 2.86 199.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-SFC NoSubs
16 7 17 199 9 28.0 0.153 0.696 0.033 434. 145. -11.5 0.0360 0.59 0.18 1.76 241.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-SFC NoSubs
16 7 17 199 10 37.4 0.238 0.802 0.033 496. 278. -32.3 0.0450 0.59 0.17 2.86 212.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
16 7 17 199 11 44.5 0.227 0.885 0.035 562. 260. -23.7 0.0320 0.59 0.17 2.86 270.0 10.0 288.8 2.0 0
0.00 77. 1010. 10 ADJ-SFC NoSubs
16 7 17 199 12 48.4 0.201 0.946 0.035 630. 217. -15.2 0.0373 0.59 0.17 2.36 999.0 10.0 289.9 2.0 0
0.00 72. 1010. 10 ADJ-SFC NoSubs
16 7 17 199 13 163.2 0.330 1.438 0.034 657. 454. -19.7 0.0420 0.59 0.17 3.86 151.0 10.0 290.9 2.0 0
0.00 67. 1010. 7 ADJ-SFC NoSubs
16 7 17 199 14 195.0 0.281 1.533 0.031 666. 358. -10.2 0.0280 0.59 0.17 3.36 205.0 10.0 291.4 2.0 0

0.00 65. 1010. 3 ADJ-SFC NoSubs
16 7 17 199 15 173.7 0.373 1.481 0.029 674. 546. -26.9 0.0280 0.59 0.17 4.86 205.0 10.0 290.4 2.0 0
0.00 72. 1009. 3 ADJ-SFC NoSubs
16 7 17 199 16 141.8 0.296 1.389 0.028 680. 390. -16.5 0.0450 0.59 0.18 3.36 223.0 10.0 290.4 2.0 0
0.00 72. 1009. 3 ADJ-SFC NoSubs
16 7 17 199 17 96.6 0.386 1.225 0.027 685. 576. -53.6 0.0420 0.59 0.19 4.86 152.0 10.0 289.9 2.0 0
0.00 74. 1009. 0 ADJ-SFC NoSubs
16 7 17 199 18 52.1 0.300 0.998 0.026 687. 398. -46.5 0.0360 0.59 0.24 3.86 104.0 10.0 289.2 2.0 0
0.00 77. 1009. 3 ADJ-SFC NoSubs
16 7 17 199 19 4.9 0.313 0.454 0.026 687. 421. -564.2 0.0360 0.59 0.40 4.36 104.0 10.0 287.5 2.0 0
0.00 83. 1009. 7 ADJ-SFC Sub_CC
16 7 17 199 20 -25.6 0.260 -9.000 -9.000 -999. 320. 74.5 0.0360 0.59 1.00 3.86 104.0 10.0 287.0 2.0 0
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16 7 17 199 21 -18.5 0.188 -9.000 -9.000 -999. 198. 38.9 0.0340 0.59 1.00 2.86 61.0 10.0 287.0 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
16 7 17 199 22 -13.3 0.153 -9.000 -9.000 -999. 144. 25.8 0.0340 0.59 1.00 2.36 65.0 10.0 287.0 2.0 0
0.00 86. 1011. 10 ADJ-SFC NoSubs
16 7 17 199 23 -13.7 0.156 -9.000 -9.000 -999. 147. 26.7 0.0370 0.59 1.00 2.36 47.0 10.0 287.0 2.0 0
0.00 86. 1011. 10 ADJ-SFC NoSubs
16 7 17 199 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.0 2.0
0 0.00 86. 1011. 10 ADJ-SFC NoSubs
16 7 18 200 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 89. 1011. 10 ADJ-SFC NoSubs
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0.00 86. 1011. 10 ADJ-SFC NoSubs
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0 0.00 89. 1011. 10 ADJ-SFC NoSubs
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0.00 92. 1012. 10 ADJ-SFC NoSubs
16 7 18 200 5 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0360 0.59 1.00 1.62 100.0 10.0 286.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
16 7 18 200 6 -3.6 0.082 -9.000 -9.000 -999. 56. 13.9 0.0450 0.59 0.55 1.23 226.0 10.0 286.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 7 18 200 7 4.1 0.107 0.286 0.006 207. 84. -27.1 0.0360 0.59 0.29 1.33 249.0 10.0 286.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 7 18 200 8 17.0 0.087 0.499 0.008 265. 61. -3.5 0.0440 0.59 0.21 0.82 360.0 10.0 287.5 2.0 0
0.00 83. 1014. 10 ADJ-A1 NoSubs
16 7 18 200 9 28.5 0.128 0.645 0.011 341. 110. -6.6 0.0320 0.59 0.18 1.42 273.0 10.0 288.1 2.0 0
0.00 80. 1014. 10 ADJ-A1 NoSubs
16 7 18 200 10 38.3 0.127 0.765 0.013 423. 109. -4.9 0.0280 0.59 0.17 1.40 187.0 10.0 290.4 2.0 0
0.00 72. 1014. 10 ADJ-A1 NoSubs
16 7 18 200 11 184.5 0.244 1.501 0.017 664. 290. -7.1 0.0420 0.59 0.17 2.57 150.0 10.0 292.5 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 7 18 200 12 199.5 0.319 1.593 0.017 734. 432. -14.7 0.0280 0.59 0.17 3.95 186.0 10.0 293.8 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
16 7 18 200 13 202.1 0.315 1.645 0.016 796. 425. -14.0 0.0280 0.59 0.17 3.89 184.0 10.0 294.2 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
16 7 18 200 14 193.4 0.279 1.647 0.015 835. 355. -10.2 0.0280 0.59 0.17 3.34 185.0 10.0 294.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
16 7 18 200 15 172.5 0.285 1.606 0.014 869. 365. -12.1 0.0420 0.59 0.17 3.18 160.0 10.0 295.9 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
16 7 18 200 16 140.4 0.298 1.521 0.015 906. 390. -17.0 0.0420 0.59 0.18 3.44 161.0 10.0 296.4 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
16 7 18 200 17 98.2 0.303 1.365 0.015 936. 399. -25.5 0.0390 0.59 0.19 3.68 145.0 10.0 295.4 2.0 0

0.00 52. 1011. 0 ADJ-A1 NoSubs
16 7 18 200 18 48.5 0.295 1.085 0.015 948. 384. -47.5 0.0390 0.59 0.24 3.74 130.0 10.0 293.1 2.0 0
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16 7 18 200 19 -2.7 0.293 -9.000 -9.000 -999. 381. 831.6 0.0390 0.59 0.40 4.09 135.0 10.0 290.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
16 7 18 200 20 -21.4 0.219 -9.000 -9.000 -999. 248. 52.6 0.0390 0.59 1.00 3.22 121.0 10.0 288.8 2.0 0
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16 7 18 200 21 -15.2 0.164 -9.000 -9.000 -999. 160. 29.6 0.0360 0.59 1.00 2.49 108.0 10.0 287.5 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
16 7 18 200 22 -9.5 0.129 -9.000 -9.000 -999. 111. 20.3 0.0370 0.59 1.00 1.98 49.0 10.0 287.5 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 7 18 200 23 -3.7 0.081 -9.000 -9.000 -999. 56. 13.0 0.0440 0.59 1.00 1.21 340.0 10.0 287.0 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
16 7 18 200 24 -6.9 0.109 -9.000 -9.000 -999. 86. 17.0 0.0380 0.59 1.00 1.69 310.0 10.0 285.9 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
16 7 19 201 1 -6.5 0.106 -9.000 -9.000 -999. 82. 16.4 0.0380 0.59 1.00 1.64 307.0 10.0 285.4 2.0 0
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16 7 19 201 2 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.59 1.00 1.60 310.0 10.0 284.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 7 19 201 3 -3.4 0.078 -9.000 -9.000 -999. 52. 12.3 0.0380 0.59 1.00 1.18 329.0 10.0 284.2 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 7 19 201 4 -3.9 0.082 -9.000 -9.000 -999. 56. 12.8 0.0380 0.59 1.00 1.26 314.0 10.0 284.2 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 7 19 201 5 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.59 1.00 1.55 319.0 10.0 283.8 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 7 19 201 6 -2.3 0.068 -9.000 -9.000 -999. 42. 12.0 0.0380 0.59 0.55 1.01 317.0 10.0 284.2 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 7 19 201 7 23.5 0.089 0.625 0.022 375. 64. -2.8 0.0340 0.59 0.29 0.87 68.0 10.0 287.0 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
16 7 19 201 8 74.6 0.123 1.015 0.025 507. 104. -2.3 0.0360 0.59 0.21 1.14 94.0 10.0 289.2 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
16 7 19 201 9 120.8 0.180 1.242 0.025 574. 184. -4.4 0.0390 0.59 0.18 1.81 130.0 10.0 292.0 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
16 7 19 201 10 157.7 0.247 1.425 0.026 664. 295. -8.6 0.0420 0.59 0.17 2.66 168.0 10.0 292.0 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
16 7 19 201 11 184.7 0.299 1.545 0.025 722. 392. -13.0 0.0280 0.59 0.17 3.66 194.0 10.0 293.8 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
16 7 19 201 12 199.4 0.306 1.610 0.024 757. 406. -13.0 0.0280 0.59 0.17 3.75 181.0 10.0 294.2 2.0 0
0.00 56. 1013. 0 ADJ-A1 NoSubs
16 7 19 201 13 202.3 0.311 1.635 0.022 781. 416. -13.4 0.0420 0.59 0.17 3.51 165.0 10.0 295.4 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
16 7 19 201 14 193.8 0.290 1.627 0.020 803. 376. -11.4 0.0420 0.59 0.17 3.22 153.0 10.0 296.4 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
16 7 19 201 15 172.8 0.303 1.577 0.019 820. 399. -14.5 0.0420 0.59 0.17 3.44 153.0 10.0 297.0 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
16 7 19 201 16 140.4 0.313 1.480 0.017 833. 420. -19.6 0.0420 0.59 0.18 3.66 158.0 10.0 297.0 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
16 7 19 201 17 98.6 0.295 1.320 0.017 843. 385. -23.6 0.0390 0.59 0.19 3.57 147.0 10.0 297.0 2.0 0
0.00 43. 1011. 0 ADJ-A1 NoSubs
16 7 19 201 18 48.4 0.321 1.043 0.016 846. 435. -61.3 0.0360 0.59 0.24 4.19 119.0 10.0 293.8 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
16 7 19 201 19 -3.6 0.355 -9.000 -9.000 -999. 508. 1115.5 0.0390 0.59 0.40 4.95 132.0 10.0 290.9 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
16 7 19 201 20 -23.9 0.244 -9.000 -9.000 -999. 296. 65.6 0.0360 0.59 1.00 3.63 119.0 10.0 288.8 2.0 0

0.00 71. 1011. 0 ADJ-A1 NoSubs
16 7 19 201 21 -14.0 0.158 -9.000 -9.000 -999. 153. 27.4 0.0360 0.59 1.00 2.40 90.0 10.0 288.1 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
16 7 19 201 22 -6.6 0.107 -9.000 -9.000 -999. 85. 16.7 0.0370 0.59 1.00 1.67 42.0 10.0 287.5 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
16 7 19 201 23 -4.2 0.086 -9.000 -9.000 -999. 61. 13.6 0.0440 0.59 1.00 1.30 330.0 10.0 287.0 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
16 7 19 201 24 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.59 1.00 1.11 307.0 10.0 286.4 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 7 20 202 1 -4.1 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.59 1.00 1.31 325.0 10.0 285.4 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 2 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.59 1.00 1.59 302.0 10.0 284.9 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 3 -5.9 0.101 -9.000 -9.000 -999. 77. 15.6 0.0380 0.59 1.00 1.57 310.0 10.0 284.9 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 4 -3.5 0.079 -9.000 -9.000 -999. 53. 12.4 0.0380 0.59 1.00 1.20 316.0 10.0 284.2 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 5 -4.9 0.091 -9.000 -9.000 -999. 66. 14.1 0.0380 0.59 1.00 1.42 321.0 10.0 283.8 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 6 -3.9 0.085 -9.000 -9.000 -999. 60. 14.4 0.0380 0.59 0.56 1.33 329.0 10.0 284.2 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 7 23.0 0.087 0.608 0.024 354. 62. -2.6 0.0340 0.59 0.30 0.84 82.0 10.0 287.0 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 7 20 202 8 74.3 0.127 0.969 0.023 442. 109. -2.5 0.0360 0.59 0.21 1.20 117.0 10.0 289.9 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
16 7 20 202 9 120.6 0.144 1.170 0.022 479. 132. -2.3 0.0390 0.59 0.18 1.31 146.0 10.0 292.5 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 10 158.3 0.224 1.320 0.020 524. 255. -6.5 0.0420 0.59 0.17 2.33 167.0 10.0 294.9 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 11 185.0 0.301 1.413 0.017 551. 396. -13.2 0.0280 0.59 0.17 3.69 194.0 10.0 295.4 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 12 200.3 0.314 1.474 0.015 578. 423. -14.0 0.0280 0.59 0.17 3.88 191.0 10.0 297.0 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
16 7 20 202 13 202.6 0.344 1.501 0.012 603. 484. -18.1 0.0280 0.59 0.17 4.34 190.0 10.0 296.4 2.0 0
0.00 45. 1011. 0 ADJ-A1 Sub_CC
16 7 20 202 14 193.8 0.351 1.498 0.010 626. 498. -20.0 0.0420 0.59 0.17 4.11 172.0 10.0 297.0 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
16 7 20 202 15 172.3 0.331 1.463 0.009 657. 458. -19.0 0.0390 0.59 0.17 3.93 139.0 10.0 296.4 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
16 7 20 202 16 139.2 0.338 1.406 0.008 720. 472. -25.1 0.0390 0.59 0.18 4.11 138.0 10.0 294.9 2.0 0
0.00 56. 1011. 0 ADJ-A1 Sub_CC
16 7 20 202 17 96.2 0.359 1.284 0.009 793. 516. -43.3 0.0390 0.59 0.19 4.53 144.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
16 7 20 202 18 46.6 0.331 1.019 0.009 818. 458. -70.2 0.0390 0.59 0.24 4.29 141.0 10.0 289.2 2.0 0
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16 7 20 202 19 -4.7 0.295 -9.000 -9.000 -999. 386. 499.8 0.0390 0.59 0.41 4.15 131.0 10.0 288.1 2.0 0
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16 7 20 202 20 -25.3 0.256 -9.000 -9.000 -999. 312. 72.3 0.0390 0.59 1.00 3.75 120.0 10.0 287.0 2.0 0
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16 7 20 202 21 -18.0 0.183 -9.000 -9.000 -999. 189. 36.7 0.0340 0.59 1.00 2.78 89.0 10.0 287.0 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
16 7 20 202 22 -16.6 0.171 -9.000 -9.000 -999. 170. 32.3 0.0340 0.59 1.00 2.62 70.0 10.0 287.0 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
16 7 20 202 23 -6.5 0.106 -9.000 -9.000 -999. 83. 16.4 0.0370 0.59 1.00 1.65 47.0 10.0 286.4 2.0 0

0.00 83. 1011. 0 ADJ-A1 NoSubs
16 7 20 202 24 -4.1 0.085 -9.000 -9.000 -999. 60. 13.4 0.0440 0.59 1.00 1.28 348.0 10.0 285.4 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 7 21 203 1 -3.4 0.078 -9.000 -9.000 -999. 52. 12.3 0.0380 0.59 1.00 1.18 314.0 10.0 284.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 7 21 203 2 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0320 0.59 1.00 1.09 283.0 10.0 284.2 2.0 0
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16 7 21 203 3 -1.6 0.061 -9.000 -9.000 -999. 36. 12.6 0.0320 0.59 1.00 0.72 275.0 10.0 283.1 2.0 0
0.00 92. 1012. 5 ADJ-A1 NoSubs
16 7 21 203 4 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.59 1.00 1.03 20.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 7 21 203 5 -3.1 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.59 1.00 1.11 36.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 7 21 203 6 -2.5 0.069 -9.000 -9.000 -999. 43. 11.7 0.0340 0.59 0.56 1.04 72.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 7 21 203 7 3.2 0.083 0.260 0.010 197. 57. -15.9 0.0440 0.59 0.30 0.94 350.0 10.0 284.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 7 21 203 8 75.0 0.103 1.001 0.031 483. 79. -1.3 0.0360 0.59 0.21 0.87 257.0 10.0 287.0 2.0 0
0.00 83. 1013. 5 ADJ-A1 NoSubs
16 7 21 203 9 119.9 0.144 1.260 0.030 604. 131. -2.2 0.0390 0.59 0.18 1.30 127.0 10.0 291.4 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
16 7 21 203 10 157.8 0.177 1.411 0.029 644. 179. -3.2 0.0390 0.59 0.17 1.70 146.0 10.0 294.2 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
16 7 21 203 11 184.5 0.324 1.508 0.027 673. 443. -16.7 0.0450 0.59 0.17 3.68 210.0 10.0 294.9 2.0 0
0.00 50. 1013. 0 ADJ-A1 NoSubs
16 7 21 203 12 199.8 0.295 1.569 0.025 699. 386. -11.6 0.0280 0.59 0.17 3.58 192.0 10.0 296.4 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
16 7 21 203 13 202.3 0.346 1.599 0.023 730. 489. -18.5 0.0420 0.59 0.17 4.03 171.0 10.0 296.4 2.0 0
0.00 44. 1013. 0 ADJ-A1 NoSubs
16 7 21 203 14 194.1 0.308 1.603 0.021 768. 412. -13.6 0.0390 0.59 0.17 3.54 138.0 10.0 298.1 2.0 0
0.00 34. 1012. 0 ADJ-A1 NoSubs
16 7 21 203 15 173.3 0.250 1.565 0.020 800. 302. -8.1 0.0390 0.59 0.17 2.72 132.0 10.0 299.2 2.0 0
0.00 44. 1012. 0 ADJ-A1 NoSubs
16 7 21 203 16 140.3 0.289 1.471 0.019 819. 372. -15.5 0.0390 0.59 0.18 3.36 129.0 10.0 298.1 2.0 0
0.00 46. 1012. 0 ADJ-SFC NoSubs
16 7 21 203 17 97.2 0.381 1.305 0.018 826. 565. -51.5 0.0390 0.59 0.19 4.86 122.0 10.0 295.4 2.0 0
0.00 54. 1012. 0 ADJ-SFC NoSubs
16 7 21 203 18 47.2 0.336 1.027 0.018 829. 468. -72.5 0.0390 0.59 0.24 4.36 143.0 10.0 292.5 2.0 0
0.00 62. 1012. 0 ADJ-SFC NoSubs
16 7 21 203 19 -3.2 0.238 -9.000 -9.000 -999. 284. 384.9 0.0390 0.59 0.41 3.36 127.0 10.0 291.4 2.0 0
0.00 65. 1012. 0 ADJ-SFC NoSubs
16 7 21 203 20 -18.6 0.190 -9.000 -9.000 -999. 200. 39.8 0.0360 0.59 1.00 2.86 90.0 10.0 289.9 2.0 0
0.00 69. 1013. 0 ADJ-SFC NoSubs
16 7 21 203 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 289.2 2.0
0 0.00 71. 1014. 0 ADJ-SFC NoSubs
16 7 21 203 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 288.8 2.0
0 0.00 74. 1014. 0 ADJ-SFC NoSubs
16 7 21 203 23 -6.5 0.106 -9.000 -9.000 -999. 82. 16.2 0.0320 0.59 1.00 1.69 283.0 10.0 287.0 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
16 7 21 203 24 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.59 1.00 1.28 310.0 10.0 286.4 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
16 7 22 204 1 -7.9 0.117 -9.000 -9.000 -999. 96. 18.3 0.0380 0.59 1.00 1.81 309.0 10.0 285.9 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
16 7 22 204 2 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0380 0.59 1.00 2.06 314.0 10.0 285.4 2.0 0

0.00 86. 1013. 0 ADJ-A1 NoSubs
16 7 22 204 3 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0380 0.59 1.00 1.26 306.0 10.0 284.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
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16 7 22 204 8 73.6 0.164 0.880 0.027 335. 159. -5.4 0.0390 0.59 0.21 1.69 137.0 10.0 290.4 2.0 0
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16 7 22 204 10 157.7 0.266 1.240 0.025 438. 328. -10.7 0.0420 0.59 0.17 2.93 166.0 10.0 294.9 2.0 0
0.00 56. 1014. 0 ADJ-A1 NoSubs
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0.00 62. 1012. 0 ADJ-A1 NoSubs
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16 7 22 204 22 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.59 1.00 1.25 268.0 10.0 287.5 2.0 0
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0.00 62. 1010. 0 ADJ-A1 NoSubs
16 7 23 205 10 157.5 0.227 1.135 0.026 335. 259. -6.7 0.0390 0.59 0.17 2.41 148.0 10.0 295.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
16 7 23 205 11 184.6 0.303 1.233 0.019 366. 400. -13.5 0.0420 0.59 0.17 3.42 167.0 10.0 296.4 2.0 0
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16 7 23 205 12 200.0 0.306 1.346 0.017 439. 405. -12.8 0.0280 0.59 0.17 3.74 180.0 10.0 298.1 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
16 7 23 205 13 202.6 0.354 1.438 0.015 528. 506. -19.7 0.0420 0.59 0.17 4.15 168.0 10.0 298.1 2.0 0
0.00 39. 1008. 0 ADJ-A1 NoSubs
16 7 23 205 14 192.6 0.381 1.444 0.013 563. 563. -25.7 0.0420 0.59 0.17 4.56 161.0 10.0 295.9 2.0 0
0.00 45. 1008. 0 ADJ-A1 NoSubs
16 7 23 205 15 170.8 0.384 1.404 0.010 583. 570. -29.7 0.0420 0.59 0.17 4.65 156.0 10.0 294.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
16 7 23 205 16 137.7 0.373 1.320 0.008 600. 547. -33.8 0.0420 0.59 0.18 4.56 155.0 10.0 293.1 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
16 7 23 205 17 94.9 0.352 1.176 0.007 616. 501. -41.1 0.0420 0.59 0.19 4.36 152.0 10.0 290.9 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
16 7 23 205 18 45.9 0.283 0.928 0.007 625. 363. -44.0 0.0390 0.59 0.25 3.57 146.0 10.0 291.4 2.0 0
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16 7 23 205 24 -2.8 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.59 1.00 1.06 305.0 10.0 285.9 2.0 0
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0.00 69. 1010. 0 ADJ-A1 NoSubs
16 7 25 207 12 196.9 0.311 1.411 0.036 515. 416. -13.7 0.0280 0.59 0.17 3.83 180.0 10.0 291.4 2.0 0
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16 7 25 207 13 199.3 0.328 1.432 0.033 531. 450. -15.9 0.0280 0.59 0.17 4.09 180.0 10.0 290.9 2.0 0
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16 7 25 207 14 190.6 0.345 1.424 0.030 546. 486. -19.3 0.0420 0.59 0.17 4.03 179.0 10.0 292.0 2.0 0
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16 7 25 207 15 168.7 0.364 1.377 0.028 558. 526. -25.7 0.0420 0.59 0.17 4.36 171.0 10.0 290.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
16 7 25 207 16 136.0 0.302 1.290 0.026 568. 400. -18.1 0.0280 0.59 0.18 3.81 183.0 10.0 290.4 2.0 0
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16 7 26 208 1 -2.5 0.068 -9.000 -9.000 -999. 43. 11.2 0.0280 0.59 1.00 1.03 191.0 10.0 285.4 2.0 0
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0.00 64. 1008. 0 ADJ-A1 NoSubs
16 7 26 208 10 155.7 0.271 1.120 0.029 325. 339. -11.5 0.0420 0.59 0.17 3.01 163.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
16 7 26 208 11 183.0 0.302 1.266 0.026 399. 398. -13.5 0.0420 0.59 0.17 3.41 156.0 10.0 294.9 2.0 0
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16 7 26 208 12 197.8 0.348 1.354 0.019 451. 493. -19.2 0.0420 0.59 0.17 4.07 165.0 10.0 294.9 2.0 0
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16 7 26 208 14 191.5 0.316 1.438 0.016 558. 427. -14.8 0.0280 0.59 0.17 3.92 181.0 10.0 295.4 2.0 0

0.00 50. 1007. 0 ADJ-A1 NoSubs
16 7 26 208 15 169.5 0.308 1.398 0.013 579. 410. -15.4 0.0280 0.59 0.17 3.83 186.0 10.0 293.8 2.0 0
0.00 58. 1006. 0 ADJ-A1 NoSubs
16 7 26 208 16 136.2 0.333 1.311 0.012 594. 462. -24.4 0.0420 0.59 0.18 3.98 168.0 10.0 292.0 2.0 0
0.00 64. 1006. 0 ADJ-A1 NoSubs
16 7 26 208 17 93.8 0.322 1.164 0.011 603. 440. -32.1 0.0420 0.59 0.19 3.93 173.0 10.0 289.9 2.0 0
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16 7 26 208 21 -8.1 0.117 -9.000 -9.000 -999. 97. 17.9 0.0280 0.59 1.00 1.91 183.0 10.0 284.9 2.0 0
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16 7 26 208 22 -3.5 0.078 -9.000 -9.000 -999. 52. 12.0 0.0280 0.59 1.00 1.26 196.0 10.0 285.4 2.0 0
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16 7 26 208 23 -2.5 0.069 -9.000 -9.000 -999. 43. 11.7 0.0370 0.59 1.00 0.97 3.0 10.0 285.4 2.0 0
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16 7 26 208 24 -2.7 0.071 -9.000 -9.000 -999. 46. 12.1 0.0450 0.59 1.00 0.99 225.0 10.0 285.4 2.0 0
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16 7 27 209 3 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0420 0.59 1.00 1.23 172.0 10.0 284.2 2.0 0
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16 7 27 209 6 -2.3 0.066 -9.000 -9.000 -999. 40. 11.2 0.0280 0.59 0.60 0.99 200.0 10.0 284.2 2.0 0
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16 7 27 209 7 2.4 0.062 0.118 0.033 25. 37. -9.1 0.0280 0.59 0.31 0.74 193.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
16 7 27 209 8 70.5 0.111 0.648 0.033 138. 88. -1.7 0.0380 0.59 0.21 0.97 319.0 10.0 288.1 2.0 0
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0.00 60. 1008. 0 ADJ-A1 NoSubs
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0.00 62. 1008. 0 ADJ-A1 NoSubs
16 7 27 209 16 135.6 0.283 1.323 0.008 614. 363. -15.1 0.0280 0.59 0.18 3.52 183.0 10.0 291.4 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
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0.00 74. 1008. 0 ADJ-A1 NoSubs
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0.00 89. 1008. 0 ADJ-A1 NoSubs
16 7 27 209 20 -10.8 0.136 -9.000 -9.000 -999. 121. 21.1 0.0280 0.59 1.00 2.19 182.0 10.0 285.4 2.0 0
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0.00 89. 1008. 10 ADJ-A1 NoSubs
16 7 28 210 8 69.7 0.130 0.735 0.042 205. 112. -2.8 0.0360 0.59 0.21 1.25 119.0 10.0 287.0 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
16 7 28 210 9 116.5 0.158 0.954 0.040 268. 150. -3.0 0.0390 0.59 0.18 1.50 121.0 10.0 289.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
16 7 28 210 10 154.5 0.243 1.132 0.037 337. 288. -8.4 0.0420 0.59 0.17 2.61 156.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
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16 7 28 210 12 196.7 0.310 1.296 0.026 398. 414. -13.6 0.0280 0.59 0.17 3.81 180.0 10.0 293.8 2.0 0
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16 7 28 210 13 199.8 0.299 1.325 0.025 419. 393. -12.1 0.0280 0.59 0.17 3.64 186.0 10.0 294.9 2.0 0
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16 7 28 210 14 189.8 0.350 1.321 0.020 437. 496. -20.2 0.0280 0.59 0.17 4.46 184.0 10.0 292.5 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
16 7 28 210 15 168.0 0.321 1.317 0.020 489. 438. -17.7 0.0280 0.59 0.17 4.05 192.0 10.0 291.4 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
16 7 28 210 16 134.7 0.286 1.256 0.018 528. 367. -15.5 0.0280 0.59 0.18 3.56 201.0 10.0 289.9 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
16 7 28 210 17 95.8 0.296 1.130 0.017 541. 386. -24.3 0.0280 0.59 0.19 3.83 193.0 10.0 288.1 2.0 0
0.00 83. 1007. 3 ADJ-A1 NoSubs
16 7 28 210 18 46.7 0.231 0.893 0.017 547. 268. -23.6 0.0280 0.59 0.25 2.98 189.0 10.0 287.5 2.0 0
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16 7 28 210 19 -5.7 0.171 -9.000 -9.000 -999. 171. 79.3 0.0280 0.59 0.43 2.64 190.0 10.0 286.4 2.0 0
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16 7 28 210 22 -4.3 0.087 -9.000 -9.000 -999. 61. 13.7 0.0450 0.59 1.00 1.30 228.0 10.0 285.4 2.0 0
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16 7 29 211 5 -3.2 0.076 -9.000 -9.000 -999. 51. 12.4 0.0420 0.59 1.00 1.13 163.0 10.0 284.9 2.0 0
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16 7 29 211 6 -4.2 0.087 -9.000 -9.000 -999. 62. 14.0 0.0420 0.59 0.61 1.33 164.0 10.0 284.2 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
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16 7 29 211 10 154.3 0.252 1.145 0.039 349. 303. -9.3 0.0390 0.59 0.17 2.78 141.0 10.0 292.5 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
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16 7 29 211 13 199.0 0.371 1.333 0.014 428. 542. -23.0 0.0280 0.59 0.17 4.78 187.0 10.0 293.8 2.0 0
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16 7 29 211 14 189.5 0.350 1.334 0.019 450. 497. -20.2 0.0280 0.59 0.17 4.46 202.0 10.0 292.5 2.0 0
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16 7 29 211 15 167.6 0.337 1.302 0.022 472. 471. -20.6 0.0280 0.59 0.17 4.31 204.0 10.0 291.4 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
16 7 29 211 16 134.3 0.316 1.222 0.021 488. 427. -21.1 0.0280 0.59 0.18 4.05 209.0 10.0 289.9 2.0 0
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16 7 29 211 17 91.8 0.275 1.084 0.019 497. 347. -20.3 0.0450 0.59 0.19 3.18 215.0 10.0 289.9 2.0 0
0.00 74. 1004. 0 ADJ-A1 NoSubs
16 7 29 211 18 46.1 0.272 0.864 0.019 501. 340. -39.0 0.0280 0.59 0.25 3.63 191.0 10.0 288.8 2.0 0
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16 7 29 211 21 -4.7 0.091 -9.000 -9.000 -999. 66. 14.3 0.0450 0.59 1.00 1.37 217.0 10.0 285.9 2.0 0
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16 7 29 211 22 -4.7 0.091 -9.000 -9.000 -999. 66. 14.3 0.0450 0.59 1.00 1.37 219.0 10.0 285.9 2.0 0
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0.00 96. 1004. 10 ADJ-A1 NoSubs
16 7 30 212 7 2.1 0.107 0.259 0.042 294. 84. -52.5 0.0420 0.59 0.31 1.35 172.0 10.0 284.9 2.0 0
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0.00 72. 1006. 10 ADJ-A1 NoSubs
16 7 30 212 11 183.6 0.280 1.277 0.036 407. 356. -10.8 0.0280 0.59 0.17 3.37 187.0 10.0 292.5 2.0 0
0.00 62. 1006. 3 ADJ-A1 NoSubs
16 7 30 212 12 -999.0 -9.000 -9.000 -9.000 407. -999. -99999.0 0.0280 0.59 0.17 4.30 197.0 10.0 999.0 -9.0
0 0.00 999. 1006. 99 ADJ-A1 NoSubs
16 7 30 212 13 -999.0 -9.000 -9.000 -9.000 407. -999. -99999.0 0.0373 0.59 0.17 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 7 30 212 14 -999.0 -9.000 -9.000 -9.000 407. -999. -99999.0 0.0373 0.59 0.17 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 7 30 212 15 -999.0 -9.000 -9.000 -9.000 407. -999. -99999.0 0.0373 0.59 0.17 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 7 30 212 16 135.1 0.322 1.173 0.033 428. 439. -22.2 0.0280 0.59 0.18 4.14 205.0 10.0 293.8 2.0 0
0.00 60. 1005. 0 ADJ-A1 NoSubs
16 7 30 212 17 91.8 0.386 1.040 0.013 440. 574. -56.0 0.0450 0.59 0.20 4.80 210.0 10.0 291.4 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
16 7 30 212 18 41.3 0.340 0.800 0.027 444. 476. -84.9 0.0450 0.59 0.25 4.32 215.0 10.0 288.8 2.0 0
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0.00 96. 1006. 10 ADJ-A1 NoSubs
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16 7 31 213 6 -6.7 0.109 -9.000 -9.000 -999. 87. 17.4 0.0360 0.59 0.62 1.71 245.0 10.0 285.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
16 7 31 213 7 2.3 0.097 0.183 0.012 94. 73. -35.3 0.0320 0.59 0.31 1.26 277.0 10.0 286.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
16 7 31 213 8 15.1 0.165 0.458 0.024 227. 161. -26.8 0.0450 0.59 0.21 1.96 217.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 7 31 213 9 26.8 0.190 0.644 0.036 357. 199. -23.1 0.0450 0.59 0.18 2.23 239.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
16 7 31 213 10 36.5 0.274 0.773 0.037 455. 344. -50.5 0.0450 0.59 0.17 3.39 231.0 10.0 288.1 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
16 7 31 213 11 146.5 0.301 1.269 0.035 502. 396. -16.7 0.0450 0.59 0.17 3.42 232.0 10.0 290.4 2.0 0
0.00 72. 1009. 7 ADJ-A1 NoSubs
16 7 31 213 12 195.3 0.372 1.436 0.033 546. 545. -23.8 0.0450 0.59 0.17 4.37 223.0 10.0 292.5 2.0 0
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16 7 31 213 13 197.9 0.405 1.474 0.030 582. 619. -30.3 0.0450 0.59 0.17 4.85 224.0 10.0 292.5 2.0 0
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0.00 69. 1008. 3 ADJ-A1 NoSubs
16 7 31 213 15 162.3 0.431 1.425 0.026 642. 679. -44.3 0.0450 0.59 0.17 5.29 233.0 10.0 292.0 2.0 0
0.00 69. 1008. 5 ADJ-A1 NoSubs
16 7 31 213 16 131.3 0.441 1.340 0.024 659. 704. -58.8 0.0450 0.59 0.18 5.51 232.0 10.0 290.9 2.0 0
0.00 74. 1007. 5 ADJ-A1 NoSubs
16 7 31 213 17 77.4 0.393 1.128 0.027 667. 594. -70.7 0.0450 0.59 0.20 4.96 231.0 10.0 289.9 2.0 0
0.00 80. 1007. 7 ADJ-A1 NoSubs
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0.00 86. 1007. 10 ADJ-A1 NoSubs
16 7 31 213 19 -13.0 0.249 -9.000 -9.000 -999. 300. 107.5 0.0360 0.59 0.44 3.66 243.0 10.0 288.8 2.0 0
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16 7 31 213 20 -17.7 0.181 -9.000 -9.000 -999. 186. 36.0 0.0360 0.59 1.00 2.73 242.0 10.0 288.1 2.0 0
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16 7 31 213 21 -11.1 0.140 -9.000 -9.000 -999. 126. 22.2 0.0360 0.59 1.00 2.15 243.0 10.0 288.1 2.0 0
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16 7 31 213 22 -7.8 0.117 -9.000 -9.000 -999. 96. 18.3 0.0360 0.59 1.00 1.82 240.0 10.0 288.1 2.0 0
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16 7 31 213 23 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0360 0.59 1.00 1.64 264.0 10.0 288.1 2.0 0
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16 7 31 213 24 -6.4 0.106 -9.000 -9.000 -999. 83. 16.8 0.0450 0.59 1.00 1.60 235.0 10.0 288.1 2.0 0
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16 8 1 214 7 2.5 0.109 0.275 0.030 302. 87. -47.6 0.0450 0.59 0.32 1.35 225.0 10.0 287.5 2.0 0
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16 8 1 214 8 15.6 0.107 0.543 0.033 369. 85. -7.2 0.0380 0.59 0.21 1.16 307.0 10.0 288.8 2.0 0
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16 8 1 214 9 27.3 0.128 0.706 0.036 463. 110. -6.9 0.0320 0.59 0.18 1.43 270.0 10.0 289.2 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
16 8 1 214 10 36.9 0.194 0.835 0.039 569. 204. -17.7 0.0360 0.59 0.17 2.32 245.0 10.0 289.9 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
16 8 1 214 11 146.8 0.319 1.368 0.039 629. 433. -20.0 0.0450 0.59 0.17 3.69 221.0 10.0 292.0 2.0 0
0.00 69. 1010. 7 ADJ-A1 NoSubs
16 8 1 214 12 195.2 0.376 1.515 0.037 642. 554. -24.6 0.0450 0.59 0.17 4.43 224.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
16 8 1 214 13 197.8 0.390 1.528 0.034 651. 585. -27.1 0.0450 0.59 0.17 4.63 222.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
16 8 1 214 14 188.2 0.431 1.509 0.027 659. 678. -38.3 0.0450 0.59 0.17 5.24 227.0 10.0 292.0 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
16 8 1 214 15 166.5 0.431 1.454 0.027 666. 678. -43.2 0.0450 0.59 0.17 5.28 224.0 10.0 292.0 2.0 0
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16 8 1 214 16 133.3 0.395 1.355 0.029 671. 597. -41.5 0.0450 0.59 0.18 4.83 221.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
16 8 1 214 17 90.3 0.372 1.192 0.028 675. 545. -51.3 0.0450 0.59 0.20 4.61 218.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
16 8 1 214 18 40.2 0.344 0.910 0.027 676. 485. -91.2 0.0450 0.59 0.26 4.39 224.0 10.0 289.2 2.0 0
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16 8 1 214 19 -6.6 0.280 -9.000 -9.000 -999. 357. 296.5 0.0450 0.59 0.45 3.86 232.0 10.0 287.5 2.0 0
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16 8 1 214 21 -14.6 0.162 -9.000 -9.000 -999. 157. 29.0 0.0450 0.59 1.00 2.37 232.0 10.0 287.5 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 8 1 214 22 -8.1 0.120 -9.000 -9.000 -999. 100. 19.0 0.0450 0.59 1.00 1.79 236.0 10.0 287.0 2.0 0
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16 8 1 214 23 -5.2 0.094 -9.000 -9.000 -999. 69. 14.2 0.0280 0.59 1.00 1.54 198.0 10.0 287.0 2.0 0
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16 8 1 214 24 -4.0 0.083 -9.000 -9.000 -999. 57. 12.6 0.0280 0.59 1.00 1.35 199.0 10.0 287.0 2.0 0
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16 8 2 215 1 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0280 0.59 1.00 1.45 207.0 10.0 286.4 2.0 0
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16 8 2 215 3 -3.7 0.081 -9.000 -9.000 -999. 56. 13.0 0.0450 0.59 1.00 1.21 216.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 8 2 215 4 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0420 0.59 1.00 1.20 175.0 10.0 286.4 2.0 0
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0.00 96. 1010. 10 ADJ-A1 NoSubs
16 8 2 215 6 -4.9 0.092 -9.000 -9.000 -999. 67. 14.5 0.0360 0.59 0.63 1.45 251.0 10.0 286.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 8 2 215 7 2.0 0.119 0.225 0.030 200. 98. -73.6 0.0450 0.59 0.32 1.50 224.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 8 2 215 8 14.9 0.120 0.495 0.036 293. 100. -10.5 0.0450 0.59 0.22 1.30 213.0 10.0 286.4 2.0 0

0.00 92. 1012. 10 ADJ-A1 NoSubs
16 8 2 215 9 26.6 0.147 0.672 0.038 410. 135. -10.8 0.0450 0.59 0.18 1.60 227.0 10.0 287.0 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
16 8 2 215 10 36.6 0.158 0.823 0.039 548. 151. -9.8 0.0360 0.59 0.17 1.79 251.0 10.0 289.2 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
16 8 2 215 11 179.4 0.295 1.418 0.037 573. 385. -12.9 0.0420 0.59 0.17 3.32 171.0 10.0 291.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
16 8 2 215 12 194.4 0.349 1.469 0.035 589. 494. -19.7 0.0280 0.59 0.17 4.44 180.0 10.0 292.0 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
16 8 2 215 13 197.1 0.355 1.486 0.032 601. 507. -20.4 0.0280 0.59 0.17 4.53 201.0 10.0 292.0 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
16 8 2 215 14 187.8 0.369 1.471 0.030 612. 538. -24.2 0.0450 0.59 0.17 4.34 216.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 Sub_CC
16 8 2 215 15 166.1 0.350 1.420 0.028 622. 497. -23.2 0.0450 0.59 0.17 4.10 225.0 10.0 292.0 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
16 8 2 215 16 132.7 0.339 1.324 0.026 631. 475. -26.5 0.0450 0.59 0.18 4.02 225.0 10.0 290.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 8 2 215 17 89.6 0.287 1.165 0.025 636. 371. -23.8 0.0280 0.59 0.20 3.71 205.0 10.0 289.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
16 8 2 215 18 39.2 0.297 0.886 0.025 638. 388. -60.1 0.0450 0.59 0.26 3.71 215.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
16 8 2 215 19 -11.8 0.199 -9.000 -9.000 -999. 218. 60.4 0.0450 0.59 0.45 2.84 226.0 10.0 287.0 2.0 0
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16 8 2 215 21 -5.0 0.092 -9.000 -9.000 -999. 68. 14.2 0.0360 0.59 1.00 1.45 264.0 10.0 286.4 2.0 0
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16 8 2 215 22 -3.3 0.076 -9.000 -9.000 -999. 50. 12.1 0.0360 0.59 1.00 1.16 258.0 10.0 286.4 2.0 0
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16 8 2 215 23 -2.9 0.071 -9.000 -9.000 -999. 46. 11.4 0.0280 0.59 1.00 1.11 195.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 8 2 215 24 -4.5 0.089 -9.000 -9.000 -999. 63. 13.8 0.0390 0.59 1.00 1.37 141.0 10.0 285.9 2.0 0
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16 8 3 216 1 -2.9 0.071 -9.000 -9.000 -999. 46. 11.4 0.0280 0.59 1.00 1.11 189.0 10.0 285.9 2.0 0
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16 8 3 216 2 -6.8 0.109 -9.000 -9.000 -999. 86. 17.2 0.0450 0.59 1.00 1.64 212.0 10.0 285.4 2.0 0
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16 8 3 216 4 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0390 0.59 1.00 1.31 123.0 10.0 285.4 2.0 0
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16 8 3 216 6 -3.6 0.080 -9.000 -9.000 -999. 55. 12.9 0.0390 0.59 0.64 1.23 126.0 10.0 285.4 2.0 0
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16 8 3 216 7 1.6 0.107 0.129 0.025 46. 85. -68.1 0.0340 0.59 0.32 1.43 66.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 8 3 216 8 14.6 0.123 0.386 0.034 142. 104. -11.5 0.0450 0.59 0.22 1.35 227.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 8 3 216 9 26.5 0.135 0.548 0.036 224. 120. -8.4 0.0280 0.59 0.18 1.59 198.0 10.0 287.0 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 8 3 216 10 36.0 0.182 0.671 0.039 302. 187. -15.2 0.0280 0.59 0.17 2.27 202.0 10.0 287.5 2.0 0
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16 8 3 216 11 43.1 0.266 0.756 0.040 361. 330. -39.4 0.0280 0.59 0.17 3.56 198.0 10.0 288.8 2.0 0

0.00 79. 1011. 10 ADJ-A1 NoSubs
16 8 3 216 12 47.3 0.304 0.790 0.037 375. 403. -53.7 0.0280 0.59 0.17 4.14 201.0 10.0 290.4 2.0 0
0.00 72. 1011. 10 ADJ-A1 NoSubs
16 8 3 216 13 48.1 0.341 0.804 0.035 389. 478. -74.2 0.0450 0.59 0.17 4.31 220.0 10.0 290.9 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
16 8 3 216 14 152.0 0.390 1.219 0.023 430. 583. -35.0 0.0450 0.59 0.17 4.71 221.0 10.0 290.4 2.0 0
0.00 72. 1010. 7 ADJ-A1 NoSubs
16 8 3 216 15 165.3 0.370 1.341 0.033 526. 540. -27.5 0.0450 0.59 0.17 4.39 224.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
16 8 3 216 16 131.9 0.368 1.256 0.033 540. 536. -34.0 0.0450 0.59 0.18 4.44 217.0 10.0 290.4 2.0 0
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16 8 3 216 17 20.7 0.318 0.679 0.032 542. 431. -139.1 0.0450 0.59 0.20 4.12 220.0 10.0 288.8 2.0 0
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16 8 3 216 18 8.1 0.254 0.496 0.032 542. 309. -182.2 0.0450 0.59 0.26 3.32 224.0 10.0 288.1 2.0 0
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16 8 3 216 20 -13.5 0.153 -9.000 -9.000 -999. 144. 25.8 0.0280 0.59 1.00 2.44 205.0 10.0 287.0 2.0 0
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16 8 3 216 21 -6.5 0.105 -9.000 -9.000 -999. 82. 16.0 0.0280 0.59 1.00 1.72 186.0 10.0 287.0 2.0 0
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16 8 3 216 22 -5.6 0.099 -9.000 -9.000 -999. 74. 15.3 0.0390 0.59 1.00 1.53 131.0 10.0 286.4 2.0 0
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16 8 3 216 23 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0280 0.59 1.00 1.60 191.0 10.0 285.9 2.0 0
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16 8 4 217 2 -4.2 0.086 -9.000 -9.000 -999. 61. 13.5 0.0420 0.59 1.00 1.31 179.0 10.0 285.9 2.0 0
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16 8 4 217 4 -10.7 0.137 -9.000 -9.000 -999. 122. 21.7 0.0390 0.59 1.00 2.08 129.0 10.0 285.4 2.0 0
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16 8 4 217 5 -14.4 0.160 -9.000 -9.000 -999. 154. 28.2 0.0390 0.59 1.00 2.40 136.0 10.0 285.4 2.0 0
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16 8 4 217 6 -14.1 0.159 -9.000 -9.000 -999. 152. 27.9 0.0360 0.59 0.65 2.42 114.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 8 4 217 7 1.5 0.181 0.215 0.018 238. 184. -354.6 0.0360 0.59 0.32 2.50 99.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 8 4 217 8 14.5 0.192 0.530 0.041 369. 202. -43.9 0.0340 0.59 0.22 2.49 88.0 10.0 285.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 8 4 217 9 26.2 0.163 0.675 0.041 421. 158. -14.8 0.0340 0.59 0.18 1.94 86.0 10.0 286.4 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 8 4 217 10 35.9 0.127 0.785 0.041 484. 109. -5.2 0.0360 0.59 0.17 1.33 109.0 10.0 287.5 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
16 8 4 217 11 43.3 0.141 0.872 0.042 551. 127. -5.8 0.0360 0.59 0.17 1.50 106.0 10.0 289.9 2.0 0
0.00 72. 1009. 10 ADJ-A1 NoSubs
16 8 4 217 12 47.6 0.235 0.934 0.042 617. 274. -24.7 0.0280 0.59 0.17 3.05 197.0 10.0 291.4 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
16 8 4 217 13 48.2 0.333 0.948 0.042 636. 460. -68.6 0.0280 0.59 0.17 4.58 197.0 10.0 291.4 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
16 8 4 217 14 45.5 0.351 0.934 0.042 644. 499. -85.4 0.0280 0.59 0.17 4.88 209.0 10.0 290.4 2.0 0

0.00 72. 1009. 10 ADJ-A1 NoSubs
16 8 4 217 15 40.6 0.378 0.902 0.041 651. 558. -119.8 0.0450 0.59 0.17 4.88 212.0 10.0 292.0 2.0 0
0.00 64. 1008. 10 ADJ-A1 NoSubs
16 8 4 217 16 31.6 0.330 0.832 0.041 655. 457. -102.6 0.0280 0.59 0.18 4.63 204.0 10.0 289.9 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
16 8 4 217 17 88.3 0.334 1.179 0.040 668. 464. -38.0 0.0280 0.59 0.20 4.46 185.0 10.0 289.9 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
16 8 4 217 18 38.0 0.249 0.893 0.039 671. 303. -36.7 0.0420 0.59 0.26 3.07 178.0 10.0 289.2 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 8 4 217 19 -9.1 0.184 -9.000 -9.000 -999. 191. 62.2 0.0420 0.59 0.46 2.66 159.0 10.0 287.5 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
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16 8 4 217 21 -24.7 0.252 -9.000 -9.000 -999. 304. 69.9 0.0340 0.59 1.00 3.78 78.0 10.0 287.5 2.0 0
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16 8 5 218 1 -8.1 0.118 -9.000 -9.000 -999. 98. 18.4 0.0340 0.59 1.00 1.86 74.0 10.0 287.0 2.0 0
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16 8 5 218 16 134.1 0.383 1.541 0.027 981. 570. -37.8 0.0450 0.59 0.18 4.66 211.0 10.0 289.9 2.0 0
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16 8 5 218 19 -13.2 0.254 -9.000 -9.000 -999. 308. 111.2 0.0450 0.59 0.46 3.57 225.0 10.0 287.0 2.0 0
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16 8 5 218 21 -8.6 0.123 -9.000 -9.000 -999. 104. 19.7 0.0450 0.59 1.00 1.84 238.0 10.0 287.0 2.0 0
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16 8 5 218 23 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0450 0.59 1.00 1.18 223.0 10.0 286.4 2.0 0
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16 8 6 219 2 -6.9 0.110 -9.000 -9.000 -999. 87. 17.2 0.0420 0.59 1.00 1.67 150.0 10.0 285.9 2.0 0
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16 8 6 219 11 42.6 0.125 0.879 0.031 572. 107. -4.2 0.0280 0.59 0.17 1.35 184.0 10.0 288.1 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
16 8 6 219 12 46.4 0.251 0.909 0.030 582. 302. -30.6 0.0280 0.59 0.17 3.30 197.0 10.0 288.1 2.0 0
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16 8 6 219 13 47.3 0.254 0.921 0.030 593. 307. -31.0 0.0280 0.59 0.17 3.34 199.0 10.0 289.2 2.0 0
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16 8 6 219 14 45.3 0.263 0.913 0.030 604. 324. -36.1 0.0280 0.59 0.17 3.50 192.0 10.0 290.4 2.0 0
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16 8 6 219 15 158.9 0.318 1.406 0.029 628. 431. -18.2 0.0280 0.59 0.17 4.02 188.0 10.0 289.9 2.0 0
0.00 72. 1007. 5 ADJ-A1 NoSubs
16 8 6 219 16 128.1 0.351 1.320 0.028 645. 498. -30.2 0.0280 0.59 0.18 4.61 201.0 10.0 290.4 2.0 0
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16 8 6 219 17 90.8 0.324 1.184 0.027 656. 443. -33.7 0.0280 0.59 0.20 4.29 194.0 10.0 289.2 2.0 0
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16 8 7 220 10 149.9 0.184 1.384 0.033 637. 189. -3.7 0.0360 0.59 0.17 1.84 102.0 10.0 290.4 2.0 0
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16 8 7 220 12 192.6 0.289 1.546 0.029 690. 373. -11.3 0.0420 0.59 0.17 3.20 174.0 10.0 292.5 2.0 0
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16 8 8 221 12 192.2 0.296 1.418 0.032 532. 386. -12.1 0.0420 0.59 0.17 3.30 167.0 10.0 292.5 2.0 0
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16 8 8 221 13 194.6 0.353 1.444 0.029 556. 504. -20.4 0.0280 0.59 0.17 4.51 195.0 10.0 292.0 2.0 0
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16 8 8 221 14 185.0 0.331 1.438 0.026 577. 458. -17.6 0.0280 0.59 0.17 4.17 195.0 10.0 292.0 2.0 0
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16 8 8 221 15 163.0 0.324 1.393 0.024 595. 442. -18.6 0.0280 0.59 0.17 4.10 181.0 10.0 292.0 2.0 0
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16 8 8 221 16 129.3 0.338 1.296 0.023 604. 472. -26.9 0.0420 0.59 0.18 4.07 158.0 10.0 291.4 2.0 0
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16 8 8 221 20 -20.4 0.209 -9.000 -9.000 -999. 229. 48.1 0.0360 0.59 1.00 3.13 103.0 10.0 288.1 2.0 0
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16 8 8 221 21 -20.6 0.210 -9.000 -9.000 -999. 230. 48.4 0.0340 0.59 1.00 3.17 69.0 10.0 287.0 2.0 0
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0.00 92. 1006. 10 ADJ-A1 NoSubs
16 8 9 222 8 13.9 0.164 0.502 0.028 325. 159. -28.4 0.0420 0.59 0.22 1.98 164.0 10.0 286.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
16 8 9 222 9 25.8 0.217 0.653 0.029 387. 242. -35.4 0.0420 0.59 0.19 2.66 150.0 10.0 287.0 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
16 8 9 222 10 35.3 0.230 0.767 0.030 459. 264. -30.8 0.0420 0.59 0.17 2.79 156.0 10.0 287.0 2.0 0
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16 8 9 222 11 42.5 0.238 0.843 0.031 506. 279. -28.6 0.0420 0.59 0.17 2.88 175.0 10.0 288.8 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
16 8 9 222 12 46.5 0.218 0.893 0.032 548. 245. -20.0 0.0280 0.59 0.17 2.78 184.0 10.0 289.9 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
16 8 9 222 13 193.9 0.285 1.486 0.029 608. 365. -10.7 0.0420 0.59 0.17 3.14 176.0 10.0 291.4 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
16 8 9 222 14 184.3 0.347 1.495 0.028 651. 489. -20.2 0.0280 0.59 0.17 4.42 186.0 10.0 291.4 2.0 0
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16 8 9 222 15 161.9 0.370 1.439 0.026 661. 539. -28.0 0.0280 0.59 0.17 4.83 204.0 10.0 290.4 2.0 0
0.00 75. 1006. 0 ADJ-A1 NoSubs
16 8 9 222 16 30.7 0.316 0.828 0.025 663. 428. -92.3 0.0280 0.59 0.18 4.41 208.0 10.0 289.2 2.0 0
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16 8 9 222 17 19.7 0.274 0.715 0.025 664. 346. -94.0 0.0280 0.59 0.20 3.83 206.0 10.0 288.8 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
16 8 9 222 18 6.7 0.240 0.500 0.025 665. 282. -183.3 0.0280 0.59 0.27 3.42 207.0 10.0 287.5 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
16 8 9 222 19 -13.6 0.190 -9.000 -9.000 -999. 199. 45.2 0.0280 0.59 0.49 2.96 207.0 10.0 287.0 2.0 0
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16 8 9 222 20 -16.1 0.168 -9.000 -9.000 -999. 165. 31.1 0.0280 0.59 1.00 2.66 206.0 10.0 287.0 2.0 0
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16 8 9 222 21 -6.7 0.106 -9.000 -9.000 -999. 84. 16.2 0.0280 0.59 1.00 1.74 183.0 10.0 287.0 2.0 0
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16 8 9 222 22 -5.2 0.095 -9.000 -9.000 -999. 70. 14.8 0.0420 0.59 1.00 1.45 175.0 10.0 286.4 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 8 9 222 23 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0420 0.59 1.00 1.20 168.0 10.0 286.4 2.0 0
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16 8 9 222 24 -5.0 0.094 -9.000 -9.000 -999. 69. 14.6 0.0420 0.59 1.00 1.43 150.0 10.0 286.4 2.0 0
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16 8 10 223 1 -9.8 0.132 -9.000 -9.000 -999. 115. 20.9 0.0420 0.59 1.00 1.98 161.0 10.0 285.4 2.0 0
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16 8 10 223 2 -19.1 0.194 -9.000 -9.000 -999. 204. 41.2 0.0420 0.59 1.00 2.83 169.0 10.0 285.4 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
16 8 10 223 3 -18.3 0.185 -9.000 -9.000 -999. 191. 37.6 0.0420 0.59 1.00 2.71 177.0 10.0 285.4 2.0 0
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16 8 10 223 4 -6.4 0.104 -9.000 -9.000 -999. 82. 15.7 0.0280 0.59 1.00 1.70 207.0 10.0 285.4 2.0 0
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16 8 10 223 5 -2.6 0.069 -9.000 -9.000 -999. 44. 11.5 0.0320 0.59 1.00 1.03 292.0 10.0 285.4 2.0 0

0.00 100. 1007. 10 ADJ-A1 NoSubs
16 8 10 223 6 -2.8 0.072 -9.000 -9.000 -999. 46. 11.6 0.0320 0.59 0.69 1.09 299.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 8 10 223 7 0.9 0.094 0.157 0.022 158. 69. -84.8 0.0440 0.59 0.33 1.20 360.0 10.0 286.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 8 10 223 8 13.8 0.166 0.445 0.029 230. 162. -29.7 0.0420 0.59 0.22 2.01 152.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 8 10 223 9 25.7 0.194 0.614 0.031 324. 206. -25.7 0.0420 0.59 0.19 2.33 173.0 10.0 287.0 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 8 10 223 10 35.3 0.215 0.744 0.032 420. 239. -25.2 0.0420 0.59 0.17 2.57 167.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
16 8 10 223 11 42.2 0.195 0.825 0.032 478. 207. -15.9 0.0280 0.59 0.17 2.44 189.0 10.0 288.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 8 10 223 12 46.3 0.197 0.859 0.032 493. 209. -14.8 0.0280 0.59 0.17 2.44 201.0 10.0 289.2 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
16 8 10 223 13 157.1 0.245 1.325 0.029 533. 292. -8.5 0.0280 0.59 0.17 2.88 184.0 10.0 290.9 2.0 0
0.00 72. 1009. 7 ADJ-A1 NoSubs
16 8 10 223 14 184.0 0.335 1.424 0.026 565. 465. -18.4 0.0280 0.59 0.17 4.24 188.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
16 8 10 223 15 161.5 0.356 1.378 0.024 584. 509. -25.0 0.0280 0.59 0.17 4.61 199.0 10.0 290.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
16 8 10 223 16 131.1 0.363 1.297 0.022 598. 525. -32.8 0.0450 0.59 0.18 4.37 213.0 10.0 290.4 2.0 0
0.00 75. 1008. 3 ADJ-A1 NoSubs
16 8 10 223 17 87.8 0.369 1.140 0.021 607. 539. -51.6 0.0450 0.59 0.20 4.58 211.0 10.0 289.2 2.0 0
0.00 77. 1008. 3 ADJ-A1 NoSubs
16 8 10 223 18 37.4 0.288 0.859 0.021 610. 374. -57.4 0.0450 0.59 0.27 3.59 214.0 10.0 287.5 2.0 0
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16 8 10 223 19 -11.4 0.155 -9.000 -9.000 -999. 158. 29.4 0.0280 0.59 0.49 2.44 207.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
16 8 10 223 20 -9.7 0.129 -9.000 -9.000 -999. 111. 19.9 0.0280 0.59 1.00 2.08 205.0 10.0 287.0 2.0 0
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16 8 10 223 21 -5.3 0.094 -9.000 -9.000 -999. 70. 14.3 0.0280 0.59 1.00 1.55 193.0 10.0 287.0 2.0 0
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16 8 10 223 22 -3.0 0.073 -9.000 -9.000 -999. 48. 11.7 0.0320 0.59 1.00 1.13 297.0 10.0 287.0 2.0 0
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16 8 10 223 23 -4.5 0.087 -9.000 -9.000 -999. 62. 13.2 0.0280 0.59 1.00 1.43 197.0 10.0 286.4 2.0 0
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16 8 10 223 24 -2.5 0.068 -9.000 -9.000 -999. 43. 11.2 0.0280 0.59 1.00 1.03 203.0 10.0 287.0 2.0 0
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16 8 11 224 1 -5.8 0.099 -9.000 -9.000 -999. 74. 14.9 0.0280 0.59 1.00 1.62 190.0 10.0 286.4 2.0 0
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16 8 11 224 2 -5.0 0.094 -9.000 -9.000 -999. 69. 14.6 0.0420 0.59 1.00 1.43 151.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
16 8 11 224 3 -3.0 0.072 -9.000 -9.000 -999. 47. 11.5 0.0280 0.59 1.00 1.14 191.0 10.0 286.4 2.0 0
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16 8 11 224 4 -5.4 0.097 -9.000 -9.000 -999. 72. 14.9 0.0360 0.59 1.00 1.52 116.0 10.0 285.9 2.0 0
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16 8 11 224 5 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0360 0.59 1.00 1.30 117.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 8 11 224 6 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0420 0.59 0.70 1.20 158.0 10.0 285.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 8 11 224 7 0.6 0.093 0.136 0.018 150. 68. -118.8 0.0360 0.59 0.34 1.25 244.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 8 11 224 8 13.6 0.104 0.435 0.024 217. 80. -7.4 0.0360 0.59 0.22 1.14 252.0 10.0 286.4 2.0 0

0.00 96. 1011. 10 ADJ-A1 NoSubs
16 8 11 224 9 25.5 0.118 0.601 0.030 306. 97. -5.8 0.0280 0.59 0.19 1.33 208.0 10.0 287.0 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 8 11 224 10 35.3 0.181 0.731 0.034 398. 185. -15.2 0.0450 0.59 0.17 2.04 236.0 10.0 288.1 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
16 8 11 224 11 143.1 0.287 1.237 0.033 478. 368. -14.9 0.0450 0.59 0.17 3.22 228.0 10.0 290.4 2.0 0
0.00 75. 1012. 7 ADJ-A1 NoSubs
16 8 11 224 12 190.4 0.413 1.398 0.022 519. 636. -33.3 0.0450 0.59 0.17 4.97 218.0 10.0 290.9 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
16 8 11 224 13 156.9 0.456 1.342 0.011 556. 739. -54.6 0.0450 0.59 0.17 5.67 232.0 10.0 291.4 2.0 0
0.00 69. 1012. 7 ADJ-A1 NoSubs
16 8 11 224 14 185.7 0.467 1.452 0.009 596. 765. -49.4 0.0450 0.59 0.17 5.77 230.0 10.0 290.4 2.0 0
0.00 75. 1012. 3 ADJ-A1 NoSubs
16 8 11 224 15 163.7 0.456 1.416 0.011 627. 741. -52.4 0.0450 0.59 0.17 5.66 228.0 10.0 290.4 2.0 0
0.00 75. 1012. 3 ADJ-A1 NoSubs
16 8 11 224 16 127.0 0.402 1.313 0.021 644. 614. -46.1 0.0450 0.59 0.18 4.95 218.0 10.0 290.4 2.0 0
0.00 75. 1011. 0 ADJ-A1 NoSubs
16 8 11 224 17 83.2 0.336 1.147 0.020 653. 469. -40.9 0.0450 0.59 0.20 4.10 214.0 10.0 289.9 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
16 8 11 224 18 32.2 0.280 0.837 0.020 657. 358. -61.7 0.0450 0.59 0.27 3.51 213.0 10.0 288.8 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
16 8 11 224 19 -9.3 0.188 -9.000 -9.000 -999. 199. 64.2 0.0450 0.59 0.50 2.67 218.0 10.0 287.0 2.0 0
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16 8 11 224 20 -11.9 0.146 -9.000 -9.000 -999. 134. 23.6 0.0450 0.59 1.00 2.15 221.0 10.0 287.0 2.0 0
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16 8 11 224 21 -5.5 0.098 -9.000 -9.000 -999. 74. 15.4 0.0450 0.59 1.00 1.48 224.0 10.0 287.0 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 8 11 224 22 -3.2 0.074 -9.000 -9.000 -999. 48. 11.6 0.0280 0.59 1.00 1.18 209.0 10.0 287.0 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 8 11 224 23 -5.0 0.092 -9.000 -9.000 -999. 67. 14.2 0.0360 0.59 1.00 1.45 254.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 8 11 224 24 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0450 0.59 1.00 1.08 230.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 8 12 225 1 -3.0 0.074 -9.000 -9.000 -999. 48. 12.3 0.0450 0.59 1.00 1.06 224.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 8 12 225 2 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0320 0.59 1.00 1.06 271.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 8 12 225 3 -4.7 0.091 -9.000 -9.000 -999. 66. 14.3 0.0450 0.59 1.00 1.37 225.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 8 12 225 4 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0370 0.59 1.00 0.86 45.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 8 12 225 5 -2.6 0.070 -9.000 -9.000 -999. 45. 12.1 0.0440 0.59 1.00 0.97 347.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 8 12 225 6 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0370 0.59 0.71 1.16 24.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 8 12 225 7 0.5 0.102 0.120 0.028 135. 78. -207.9 0.0380 0.59 0.34 1.38 301.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 8 12 225 8 13.4 0.115 0.415 0.031 192. 94. -10.3 0.0360 0.59 0.22 1.31 249.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 8 12 225 9 25.4 0.124 0.575 0.036 270. 105. -6.8 0.0420 0.59 0.19 1.30 152.0 10.0 287.0 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 8 12 225 10 35.4 0.155 0.693 0.036 339. 146. -9.5 0.0280 0.59 0.17 1.84 188.0 10.0 288.8 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
16 8 12 225 11 169.7 0.264 1.222 0.033 389. 326. -9.8 0.0280 0.59 0.17 3.15 193.0 10.0 290.9 2.0 0

0.00 77. 1012. 5 ADJ-A1 NoSubs
16 8 12 225 12 189.9 0.340 1.358 0.030 476. 476. -18.7 0.0280 0.59 0.17 4.31 207.0 10.0 290.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
16 8 12 225 13 192.5 0.380 1.428 0.025 547. 562. -25.7 0.0450 0.59 0.17 4.49 221.0 10.0 291.4 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
16 8 12 225 14 185.5 0.409 1.425 0.014 563. 628. -33.3 0.0450 0.59 0.17 4.93 225.0 10.0 291.4 2.0 0
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16 8 12 225 15 131.3 0.396 1.278 0.019 574. 598. -42.6 0.0450 0.59 0.17 4.85 220.0 10.0 290.4 2.0 0
0.00 77. 1012. 7 ADJ-A1 NoSubs
16 8 12 225 16 124.4 0.325 1.264 0.021 585. 448. -24.9 0.0450 0.59 0.18 3.83 225.0 10.0 290.4 2.0 0
0.00 77. 1011. 5 ADJ-A1 NoSubs
16 8 12 225 17 82.2 0.262 1.105 0.020 592. 324. -19.8 0.0280 0.59 0.20 3.34 201.0 10.0 289.2 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
16 8 12 225 18 31.1 0.228 0.801 0.019 594. 262. -34.5 0.0280 0.59 0.27 3.03 207.0 10.0 288.1 2.0 0
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16 8 12 225 19 -12.5 0.162 -9.000 -9.000 -999. 158. 30.9 0.0450 0.59 0.51 2.35 215.0 10.0 287.0 2.0 0
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16 8 12 225 20 -6.8 0.108 -9.000 -9.000 -999. 86. 16.7 0.0360 0.59 1.00 1.69 240.0 10.0 286.4 2.0 0
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16 8 12 225 21 -2.9 0.072 -9.000 -9.000 -999. 47. 11.8 0.0360 0.59 1.00 1.08 256.0 10.0 286.4 2.0 0
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16 8 12 225 22 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0370 0.59 1.00 1.06 37.0 10.0 287.0 2.0 0
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16 8 12 225 23 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0370 0.59 1.00 1.16 28.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 8 12 225 24 -3.6 0.080 -9.000 -9.000 -999. 54. 12.6 0.0370 0.59 1.00 1.23 20.0 10.0 287.0 2.0 0
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16 8 13 226 1 -2.2 0.066 -9.000 -9.000 -999. 40. 11.5 0.0320 0.59 1.00 0.92 279.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 8 13 226 2 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.59 1.00 1.03 57.0 10.0 287.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 8 13 226 3 -5.5 0.098 -9.000 -9.000 -999. 74. 15.3 0.0420 0.59 1.00 1.50 169.0 10.0 285.9 2.0 0
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16 8 13 226 4 -3.2 0.075 -9.000 -9.000 -999. 50. 12.0 0.0340 0.59 1.00 1.16 77.0 10.0 285.9 2.0 0
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16 8 13 226 5 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.59 1.00 1.03 57.0 10.0 285.9 2.0 0
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16 8 13 226 6 -3.2 0.075 -9.000 -9.000 -999. 49. 11.8 0.0320 0.59 0.72 1.16 277.0 10.0 285.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 8 13 226 7 0.3 0.072 0.066 0.038 33. 46. -108.2 0.0280 0.59 0.34 1.01 191.0 10.0 285.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 8 13 226 8 13.5 0.093 0.380 0.039 146. 69. -5.5 0.0440 0.59 0.22 0.94 353.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 8 13 226 9 109.1 0.145 0.888 0.036 232. 133. -2.5 0.0360 0.59 0.19 1.37 119.0 10.0 290.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
16 8 13 226 10 148.5 0.163 1.032 0.032 267. 159. -2.6 0.0390 0.59 0.18 1.52 136.0 10.0 294.2 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
16 8 13 226 11 176.8 0.250 1.146 0.028 307. 300. -7.9 0.0390 0.59 0.17 2.71 138.0 10.0 297.0 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
16 8 13 226 12 191.7 0.324 1.245 0.014 362. 443. -16.0 0.0280 0.59 0.17 4.05 180.0 10.0 297.0 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
16 8 13 226 13 194.1 0.351 1.294 0.009 402. 500. -20.1 0.0280 0.59 0.17 4.48 187.0 10.0 297.0 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
16 8 13 226 14 183.8 0.339 1.300 0.010 430. 473. -19.0 0.0280 0.59 0.17 4.30 183.0 10.0 295.9 2.0 0

0.00 54. 1008. 0 ADJ-A1 NoSubs
16 8 13 226 15 160.2 0.366 1.262 0.008 451. 531. -27.5 0.0420 0.59 0.17 4.41 172.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
16 8 13 226 16 125.5 0.349 1.177 0.010 468. 496. -30.5 0.0420 0.59 0.18 4.24 166.0 10.0 290.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
16 8 13 226 17 81.6 0.339 1.037 0.010 491. 475. -43.1 0.0420 0.59 0.20 4.22 167.0 10.0 289.9 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
16 8 13 226 18 30.4 0.275 0.751 0.009 500. 348. -61.5 0.0420 0.59 0.28 3.49 168.0 10.0 288.8 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
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0.00 96. 1007. 0 ADJ-A1 NoSubs
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0.00 96. 1008. 0 ADJ-A1 NoSubs
16 8 13 226 21 -8.5 0.122 -9.000 -9.000 -999. 102. 19.2 0.0390 0.59 1.00 1.87 129.0 10.0 286.4 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
16 8 13 226 22 -3.1 0.075 -9.000 -9.000 -999. 50. 12.4 0.0450 0.59 1.00 1.09 221.0 10.0 286.4 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
16 8 13 226 23 -5.9 0.101 -9.000 -9.000 -999. 77. 15.9 0.0450 0.59 1.00 1.53 216.0 10.0 285.4 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
16 8 13 226 24 -2.9 0.073 -9.000 -9.000 -999. 48. 12.2 0.0450 0.59 1.00 1.04 229.0 10.0 285.4 2.0 0
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16 8 14 227 1 -4.3 0.087 -9.000 -9.000 -999. 61. 13.7 0.0450 0.59 1.00 1.30 229.0 10.0 285.9 2.0 0
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16 8 14 227 6 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0370 0.59 0.73 1.38 55.0 10.0 285.4 2.0 0
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16 8 14 227 19 -18.4 0.229 -9.000 -9.000 -999. 265. 58.4 0.0390 0.59 0.52 3.35 136.0 10.0 286.4 2.0 0
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16 8 14 227 20 -19.9 0.202 -9.000 -9.000 -999. 218. 44.9 0.0360 0.59 1.00 3.03 119.0 10.0 286.4 2.0 0
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16 8 14 227 21 -18.3 0.186 -9.000 -9.000 -999. 193. 38.1 0.0340 0.59 1.00 2.83 86.0 10.0 285.9 2.0 0
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16 8 14 227 22 -13.4 0.154 -9.000 -9.000 -999. 146. 26.2 0.0390 0.59 1.00 2.32 127.0 10.0 285.9 2.0 0
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16 8 15 228 1 -10.5 0.136 -9.000 -9.000 -999. 120. 21.3 0.0340 0.59 1.00 2.11 75.0 10.0 285.9 2.0 0
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16 8 15 228 8 12.8 0.148 0.420 0.023 207. 137. -23.0 0.0360 0.59 0.22 1.82 111.0 10.0 285.4 2.0 0
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16 8 15 228 13 191.3 0.338 1.402 0.033 519. 472. -18.2 0.0280 0.59 0.17 4.27 190.0 10.0 292.5 2.0 0
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16 8 15 228 14 181.0 0.387 1.398 0.028 544. 577. -28.8 0.0450 0.59 0.17 4.61 230.0 10.0 291.4 2.0 0
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16 8 15 228 15 158.3 0.352 1.354 0.029 565. 501. -24.7 0.0450 0.59 0.17 4.14 223.0 10.0 290.9 2.0 0
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16 8 15 228 17 68.7 0.334 1.040 0.027 588. 463. -48.6 0.0450 0.59 0.20 4.12 216.0 10.0 289.2 2.0 0
0.00 80. 1008. 7 ADJ-A1 NoSubs
16 8 15 228 18 5.4 0.244 0.445 0.027 588. 294. -244.0 0.0450 0.59 0.28 3.22 221.0 10.0 287.5 2.0 0
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0.00 100. 1008. 10 ADJ-A1 NoSubs
16 8 15 228 21 -4.1 0.084 -9.000 -9.000 -999. 59. 12.7 0.0280 0.59 1.00 1.37 182.0 10.0 286.4 2.0 0
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16 8 16 229 1 -5.1 0.094 -9.000 -9.000 -999. 69. 14.8 0.0450 0.59 1.00 1.42 215.0 10.0 285.4 2.0 0
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16 8 16 229 9 24.7 0.124 0.585 0.032 291. 105. -6.9 0.0360 0.59 0.19 1.35 111.0 10.0 286.4 2.0 0
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16 8 16 229 10 34.9 0.118 0.728 0.038 398. 98. -4.3 0.0280 0.59 0.18 1.28 190.0 10.0 288.8 2.0 0
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16 8 16 229 12 188.1 0.335 1.415 0.037 542. 465. -17.9 0.0450 0.59 0.17 3.83 212.0 10.0 291.4 2.0 0
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16 8 16 229 13 190.0 0.358 1.492 0.036 629. 514. -21.7 0.0280 0.59 0.17 4.59 196.0 10.0 290.4 2.0 0
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16 8 16 229 14 180.4 0.335 1.481 0.034 648. 466. -18.8 0.0450 0.59 0.17 3.85 222.0 10.0 291.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
16 8 16 229 15 157.6 0.320 1.428 0.032 664. 434. -18.6 0.0280 0.59 0.17 4.05 209.0 10.0 290.9 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
16 8 16 229 16 123.2 0.373 1.323 0.031 676. 547. -37.9 0.0450 0.59 0.18 4.54 216.0 10.0 290.4 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 8 16 229 17 78.7 0.306 1.143 0.030 682. 409. -32.6 0.0450 0.59 0.20 3.68 215.0 10.0 289.2 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
16 8 16 229 18 5.1 0.258 0.460 0.030 682. 316. -302.0 0.0450 0.59 0.28 3.42 215.0 10.0 287.5 2.0 0
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16 8 17 230 2 -4.8 0.092 -9.000 -9.000 -999. 67. 14.3 0.0420 0.59 1.00 1.40 156.0 10.0 285.4 2.0 0
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16 8 17 230 3 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.59 1.00 1.08 3.0 10.0 285.4 2.0 0
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16 8 17 230 9 24.6 0.117 0.566 0.042 264. 96. -5.8 0.0420 0.59 0.19 1.20 179.0 10.0 286.4 2.0 0
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16 8 17 230 10 148.3 0.179 1.204 0.044 423. 182. -3.5 0.0390 0.59 0.18 1.74 146.0 10.0 289.9 2.0 0
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16 8 17 230 11 173.1 0.238 1.300 0.041 456. 279. -7.0 0.0280 0.59 0.17 2.74 180.0 10.0 292.5 2.0 0
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16 8 17 230 12 187.7 0.354 1.393 0.039 517. 507. -21.3 0.0280 0.59 0.17 4.54 190.0 10.0 292.0 2.0 0
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16 8 17 230 13 190.0 0.341 1.420 0.037 541. 478. -18.7 0.0280 0.59 0.17 4.32 198.0 10.0 292.0 2.0 0
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16 8 17 230 14 179.9 0.355 1.410 0.034 559. 507. -22.3 0.0280 0.59 0.17 4.56 208.0 10.0 292.0 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
16 8 17 230 15 157.0 0.349 1.360 0.032 575. 494. -24.2 0.0450 0.59 0.17 4.10 232.0 10.0 291.4 2.0 0
0.00 72. 1005. 0 ADJ-A1 NoSubs
16 8 17 230 16 122.7 0.325 1.260 0.030 585. 445. -25.0 0.0450 0.59 0.18 3.83 212.0 10.0 291.4 2.0 0
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16 8 17 230 17 78.0 0.332 1.087 0.030 591. 458. -41.9 0.0450 0.59 0.21 4.06 222.0 10.0 289.9 2.0 0
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16 8 17 230 18 26.4 0.261 0.759 0.029 593. 323. -60.7 0.0450 0.59 0.29 3.27 225.0 10.0 288.1 2.0 0
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16 8 17 230 21 -4.7 0.091 -9.000 -9.000 -999. 66. 14.3 0.0450 0.59 1.00 1.37 222.0 10.0 287.0 2.0 0
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16 8 18 231 2 -4.4 0.088 -9.000 -9.000 -999. 63. 14.0 0.0450 0.59 1.00 1.33 220.0 10.0 286.4 2.0 0

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16 8 18 231 9 25.1 0.139 0.563 0.035 256. 125. -9.7 0.0450 0.59 0.19 1.50 220.0 10.0 288.8 2.0 0
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16 8 18 231 10 34.8 0.219 0.675 0.038 317. 246. -27.2 0.0280 0.59 0.18 2.86 197.0 10.0 289.2 2.0 0
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16 8 18 231 11 140.3 0.331 1.159 0.032 399. 457. -23.2 0.0450 0.59 0.17 3.88 213.0 10.0 289.9 2.0 0
0.00 83. 1007. 7 ADJ-A1 NoSubs
16 8 18 231 12 186.8 0.371 1.313 0.025 435. 541. -24.5 0.0450 0.59 0.17 4.36 227.0 10.0 290.9 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
16 8 18 231 13 188.9 0.396 1.342 0.023 460. 598. -29.5 0.0450 0.59 0.17 4.73 230.0 10.0 290.4 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 8 18 231 14 178.9 0.378 1.339 0.025 482. 559. -27.2 0.0450 0.59 0.17 4.49 227.0 10.0 290.9 2.0 0
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16 8 18 231 15 156.1 0.366 1.306 0.026 512. 532. -28.2 0.0450 0.59 0.17 4.36 229.0 10.0 290.9 2.0 0
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16 8 19 232 17 76.2 0.339 1.032 0.026 518. 476. -45.8 0.0450 0.59 0.21 4.17 225.0 10.0 290.4 2.0 0
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0.00 72. 1009. 7 ADJ-A1 NoSubs
16 8 20 233 14 177.9 0.381 1.296 0.017 441. 564. -28.0 0.0450 0.59 0.17 4.53 221.0 10.0 292.0 2.0 0
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16 8 20 233 15 157.7 0.393 1.257 0.015 453. 591. -34.6 0.0450 0.59 0.17 4.75 229.0 10.0 290.9 2.0 0
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16 8 20 233 16 123.6 0.367 1.168 0.018 463. 533. -35.8 0.0450 0.59 0.18 4.44 232.0 10.0 290.9 2.0 0
0.00 74. 1008. 3 ADJ-A1 NoSubs
16 8 20 233 17 79.2 0.341 1.014 0.021 472. 478. -44.9 0.0450 0.59 0.21 4.19 222.0 10.0 289.9 2.0 0
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16 8 20 233 18 28.2 0.290 0.721 0.021 479. 377. -78.1 0.0450 0.59 0.30 3.68 228.0 10.0 288.8 2.0 0
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16 8 21 234 9 24.3 0.117 0.708 0.037 525. 96. -5.9 0.0380 0.59 0.19 1.23 309.0 10.0 287.5 2.0 0
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16 8 21 234 14 177.2 0.385 1.450 0.030 619. 573. -28.9 0.0450 0.59 0.17 4.59 230.0 10.0 292.0 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
16 8 21 234 15 154.4 0.443 1.389 0.008 624. 706. -50.5 0.0450 0.59 0.17 5.48 230.0 10.0 292.5 2.0 0
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16 8 21 234 16 119.3 0.448 1.277 0.007 628. 719. -67.6 0.0450 0.59 0.18 5.63 226.0 10.0 291.4 2.0 0
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16 8 21 234 18 27.1 0.323 0.781 0.025 631. 441. -111.7 0.0280 0.59 0.30 4.54 208.0 10.0 288.8 2.0 0
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16 8 22 235 8 12.4 0.126 0.481 0.034 321. 107. -14.5 0.0440 0.59 0.23 1.42 360.0 10.0 288.1 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
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16 8 22 235 10 34.6 0.162 0.764 0.038 464. 156. -11.0 0.0390 0.59 0.18 1.82 136.0 10.0 290.4 2.0 0
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16 8 22 235 11 170.4 0.236 1.430 0.038 618. 275. -6.9 0.0390 0.59 0.17 2.52 131.0 10.0 292.5 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
16 8 22 235 12 185.1 0.329 1.479 0.035 628. 453. -17.3 0.0420 0.59 0.17 3.81 177.0 10.0 292.5 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
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0.00 70. 1009. 0 ADJ-A1 NoSubs
16 8 22 235 14 176.7 0.404 1.471 0.031 649. 616. -33.6 0.0450 0.59 0.17 4.87 210.0 10.0 292.5 2.0 0

0.00 70. 1009. 0 ADJ-A1 NoSubs
16 8 22 235 15 153.0 0.420 1.408 0.029 657. 654. -43.7 0.0450 0.59 0.17 5.16 214.0 10.0 290.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
16 8 22 235 16 118.2 0.377 1.296 0.028 664. 558. -40.9 0.0450 0.59 0.18 4.61 231.0 10.0 290.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
16 8 22 235 17 77.0 0.369 1.126 0.027 668. 539. -58.8 0.0450 0.59 0.21 4.61 228.0 10.0 289.2 2.0 0
0.00 86. 1009. 3 ADJ-A1 NoSubs
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16 8 23 236 2 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0340 0.59 1.00 1.84 68.0 10.0 287.5 2.0 0
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16 8 23 236 3 -8.8 0.124 -9.000 -9.000 -999. 104. 19.5 0.0370 0.59 1.00 1.91 50.0 10.0 287.5 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 8 23 236 4 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0370 0.59 1.00 1.64 50.0 10.0 287.5 2.0 0
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16 8 23 236 5 -5.2 0.095 -9.000 -9.000 -999. 70. 14.7 0.0370 0.59 1.00 1.48 23.0 10.0 287.5 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 8 23 236 6 -6.0 0.102 -9.000 -9.000 -999. 78. 15.8 0.0370 0.59 1.00 1.59 2.0 10.0 287.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 8 23 236 7 -1.8 0.121 -9.000 -9.000 -999. 101. 91.4 0.0380 0.59 0.37 1.77 307.0 10.0 287.0 2.0 0
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16 8 23 236 8 12.1 0.110 0.497 0.036 365. 88. -10.0 0.0360 0.59 0.23 1.25 264.0 10.0 287.5 2.0 0
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16 8 23 236 9 24.2 0.130 0.646 0.036 402. 112. -8.2 0.0450 0.59 0.19 1.37 219.0 10.0 288.1 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
16 8 23 236 10 34.0 0.149 0.750 0.036 448. 138. -8.8 0.0280 0.59 0.18 1.76 199.0 10.0 288.8 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
16 8 23 236 11 41.1 0.213 0.828 0.036 499. 235. -21.2 0.0450 0.59 0.17 2.47 211.0 10.0 289.9 2.0 0
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16 8 23 236 12 184.3 0.275 1.449 0.036 597. 346. -10.2 0.0280 0.59 0.17 3.29 198.0 10.0 292.0 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
16 8 23 236 13 186.7 0.347 1.461 0.033 605. 490. -20.2 0.0280 0.59 0.17 4.42 205.0 10.0 293.1 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
16 8 23 236 14 175.9 0.374 1.438 0.031 611. 548. -26.8 0.0450 0.59 0.17 4.43 228.0 10.0 292.5 2.0 0
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16 8 23 236 15 152.7 0.370 1.376 0.029 617. 541. -30.1 0.0450 0.59 0.17 4.43 238.0 10.0 292.5 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
16 8 23 236 16 117.5 0.382 1.264 0.028 621. 566. -42.8 0.0450 0.59 0.18 4.68 234.0 10.0 291.4 2.0 0
0.00 75. 1013. 0 ADJ-A1 NoSubs
16 8 23 236 17 72.2 0.375 1.076 0.027 623. 551. -65.9 0.0450 0.59 0.21 4.71 231.0 10.0 290.4 2.0 0

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16 8 23 236 18 20.3 0.319 0.706 0.027 624. 434. -144.0 0.0450 0.59 0.30 4.14 234.0 10.0 289.2 2.0 0
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16 8 23 236 19 -14.2 0.164 -9.000 -9.000 -999. 177. 29.5 0.0450 0.59 0.61 2.38 236.0 10.0 287.5 2.0 0
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16 8 23 236 20 -6.6 0.108 -9.000 -9.000 -999. 86. 17.0 0.0450 0.59 1.00 1.62 219.0 10.0 287.5 2.0 0
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16 8 23 236 21 -4.7 0.091 -9.000 -9.000 -999. 66. 14.4 0.0450 0.59 1.00 1.37 232.0 10.0 288.1 2.0 0
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16 8 23 236 22 -3.7 0.081 -9.000 -9.000 -999. 55. 12.7 0.0360 0.59 1.00 1.25 246.0 10.0 288.1 2.0 0
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16 8 23 236 23 -5.2 0.093 -9.000 -9.000 -999. 68. 14.1 0.0280 0.59 1.00 1.53 195.0 10.0 287.5 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 8 23 236 24 -3.1 0.074 -9.000 -9.000 -999. 49. 11.9 0.0340 0.59 1.00 1.14 88.0 10.0 287.5 2.0 0
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16 8 24 237 1 -2.6 0.070 -9.000 -9.000 -999. 45. 12.1 0.0450 0.59 1.00 0.97 219.0 10.0 287.5 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 8 24 237 2 -3.2 0.074 -9.000 -9.000 -999. 48. 11.6 0.0280 0.59 1.00 1.18 201.0 10.0 287.0 2.0 0
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16 8 24 237 4 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0420 0.59 1.00 1.20 153.0 10.0 287.0 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 8 24 237 5 -4.5 0.089 -9.000 -9.000 -999. 63. 13.9 0.0420 0.59 1.00 1.35 158.0 10.0 287.0 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 8 24 237 6 -3.7 0.080 -9.000 -9.000 -999. 55. 12.8 0.0420 0.59 1.00 1.21 169.0 10.0 287.0 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 8 24 237 7 -1.9 0.115 -9.000 -9.000 -999. 94. 71.5 0.0450 0.59 0.37 1.64 233.0 10.0 287.0 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 8 24 237 8 12.0 0.112 0.457 0.036 287. 90. -10.6 0.0320 0.59 0.23 1.31 294.0 10.0 287.5 2.0 0
0.00 93. 1014. 10 ADJ-A1 NoSubs
16 8 24 237 9 24.2 0.120 0.627 0.038 367. 99. -6.4 0.0370 0.59 0.19 1.28 41.0 10.0 288.8 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
16 8 24 237 10 34.1 0.138 0.756 0.039 457. 123. -6.9 0.0390 0.59 0.18 1.47 126.0 10.0 289.9 2.0 0
0.00 80. 1014. 10 ADJ-A1 NoSubs
16 8 24 237 11 172.0 0.291 1.407 0.038 586. 377. -12.9 0.0420 0.59 0.17 3.27 165.0 10.0 292.0 2.0 0
0.00 69. 1014. 3 ADJ-A1 NoSubs
16 8 24 237 12 183.9 0.305 1.453 0.036 604. 404. -13.9 0.0280 0.59 0.17 3.76 194.0 10.0 292.5 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
16 8 24 237 13 186.1 0.320 1.470 0.034 618. 434. -15.9 0.0280 0.59 0.17 3.99 207.0 10.0 293.1 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
16 8 24 237 14 175.2 0.357 1.449 0.032 628. 512. -23.5 0.0450 0.59 0.17 4.19 227.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
16 8 24 237 15 151.7 0.371 1.387 0.030 635. 542. -30.4 0.0450 0.59 0.17 4.44 224.0 10.0 292.0 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
16 8 24 237 16 116.2 0.362 1.272 0.028 640. 523. -36.8 0.0450 0.59 0.18 4.39 218.0 10.0 290.4 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
16 8 24 237 17 74.9 0.314 1.101 0.027 642. 424. -37.4 0.0280 0.59 0.21 4.19 201.0 10.0 289.2 2.0 0
0.00 83. 1010. 3 ADJ-A1 NoSubs
16 8 24 237 18 3.0 0.243 0.378 0.028 642. 289. -427.6 0.0280 0.59 0.31 3.52 194.0 10.0 287.5 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
16 8 24 237 19 -14.5 0.161 -9.000 -9.000 -999. 157. 28.5 0.0280 0.59 0.62 2.55 196.0 10.0 287.0 2.0 0
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16 8 24 237 20 -11.4 0.143 -9.000 -9.000 -999. 129. 22.9 0.0420 0.59 1.00 2.13 172.0 10.0 287.0 2.0 0

0.00 96. 1010. 10 ADJ-A1 NoSubs
16 8 24 237 21 -8.7 0.124 -9.000 -9.000 -999. 105. 19.6 0.0420 0.59 1.00 1.87 150.0 10.0 286.1 2.0 0
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16 8 24 237 22 -8.8 0.125 -9.000 -9.000 -999. 106. 19.7 0.0420 0.59 1.00 1.88 150.0 10.0 286.4 2.0 0
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16 8 24 237 23 -9.7 0.130 -9.000 -9.000 -999. 113. 20.5 0.0360 0.59 1.00 2.01 97.0 10.0 286.4 2.0 0
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16 8 24 237 24 -11.6 0.143 -9.000 -9.000 -999. 130. 22.6 0.0360 0.59 1.00 2.19 101.0 10.0 286.4 2.0 0
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16 8 25 238 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0370 0.59 1.00 1.31 34.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 8 25 238 4 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0370 0.59 1.00 0.92 23.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
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16 8 25 238 6 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0370 0.59 1.00 1.28 25.0 10.0 286.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
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0.00 100. 1010. 10 ADJ-A1 NoSubs
16 8 25 238 8 11.5 0.103 0.438 0.032 261. 79. -8.6 0.0360 0.59 0.23 1.15 98.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 8 25 238 9 23.6 0.125 0.607 0.036 340. 107. -7.5 0.0370 0.59 0.19 1.37 34.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 8 25 238 10 33.5 0.113 0.736 0.037 428. 92. -3.9 0.0280 0.59 0.18 1.21 205.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
16 8 25 238 11 40.3 0.181 0.832 0.039 515. 185. -13.2 0.0280 0.59 0.17 2.22 188.0 10.0 288.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 8 25 238 12 44.1 0.289 0.867 0.038 532. 372. -49.1 0.0450 0.59 0.17 3.57 211.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
16 8 25 238 13 44.7 0.283 0.879 0.038 546. 362. -45.8 0.0450 0.59 0.17 3.49 217.0 10.0 289.2 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
16 8 25 238 14 42.2 0.255 0.870 0.038 560. 310. -35.4 0.0280 0.59 0.17 3.39 209.0 10.0 289.9 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
16 8 25 238 15 36.4 0.291 0.833 0.038 571. 376. -60.7 0.0280 0.59 0.17 3.98 209.0 10.0 289.9 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
16 8 25 238 16 27.6 0.314 0.763 0.037 578. 423. -101.2 0.0450 0.59 0.18 4.03 217.0 10.0 289.9 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
16 8 25 238 17 16.1 0.296 0.639 0.037 581. 387. -145.2 0.0450 0.59 0.21 3.85 234.0 10.0 289.2 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
16 8 25 238 18 3.1 0.237 0.367 0.037 581. 278. -390.8 0.0450 0.59 0.31 3.15 236.0 10.0 288.8 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
16 8 25 238 19 -17.0 0.181 -9.000 -9.000 -999. 186. 36.1 0.0450 0.59 0.63 2.62 223.0 10.0 288.1 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
16 8 25 238 20 -8.7 0.123 -9.000 -9.000 -999. 104. 19.3 0.0360 0.59 1.00 1.91 247.0 10.0 288.1 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
16 8 25 238 21 -12.0 0.147 -9.000 -9.000 -999. 135. 23.8 0.0450 0.59 1.00 2.16 223.0 10.0 287.5 2.0 0
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16 8 25 238 22 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0280 0.59 1.00 1.57 199.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
16 8 25 238 23 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0360 0.59 1.00 1.11 258.0 10.0 288.1 2.0 0

0.00 89. 1008. 10 ADJ-A1 NoSubs
16 8 25 238 24 -6.3 0.106 -9.000 -9.000 -999. 82. 16.7 0.0450 0.59 1.00 1.59 234.0 10.0 287.5 2.0 0
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16 8 26 239 1 -6.8 0.110 -9.000 -9.000 -999. 87. 17.4 0.0450 0.59 1.00 1.65 227.0 10.0 287.5 2.0 0
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16 8 26 239 2 -5.5 0.098 -9.000 -9.000 -999. 74. 15.4 0.0450 0.59 1.00 1.48 222.0 10.0 287.5 2.0 0
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16 8 26 239 3 -9.4 0.129 -9.000 -9.000 -999. 111. 20.3 0.0360 0.59 1.00 1.99 240.0 10.0 287.5 2.0 0
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16 8 26 239 4 -4.3 0.086 -9.000 -9.000 -999. 61. 13.4 0.0360 0.59 1.00 1.35 267.0 10.0 287.0 2.0 0
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16 8 26 239 5 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0380 0.59 1.00 1.18 306.0 10.0 287.0 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 8 26 239 6 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.59 1.00 0.92 314.0 10.0 287.5 2.0 0
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16 8 26 239 7 -1.7 0.091 -9.000 -9.000 -999. 66. 39.1 0.0380 0.59 0.38 1.35 329.0 10.0 287.5 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 8 26 239 8 11.7 0.108 0.526 0.032 447. 85. -9.7 0.0320 0.59 0.23 1.25 283.0 10.0 287.5 2.0 0
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16 8 26 239 9 23.8 0.194 0.693 0.033 503. 204. -27.5 0.0450 0.59 0.19 2.30 215.0 10.0 288.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 8 26 239 10 33.5 0.227 0.811 0.034 573. 260. -31.6 0.0450 0.59 0.18 2.73 216.0 10.0 288.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 8 26 239 11 40.4 0.261 0.899 0.036 647. 320. -39.5 0.0450 0.59 0.17 3.18 212.0 10.0 289.2 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 8 26 239 12 44.4 0.279 0.959 0.037 716. 353. -43.8 0.0450 0.59 0.17 3.42 217.0 10.0 290.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
16 8 26 239 13 45.0 0.294 0.968 0.037 725. 382. -50.7 0.0450 0.59 0.17 3.64 238.0 10.0 290.9 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
16 8 26 239 14 42.7 0.308 0.955 0.036 734. 411. -61.7 0.0360 0.59 0.17 4.03 249.0 10.0 292.0 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
16 8 26 239 15 36.8 0.369 0.912 0.036 741. 538. -123.1 0.0450 0.59 0.17 4.77 230.0 10.0 292.0 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
16 8 26 239 16 27.7 0.336 0.831 0.036 747. 468. -123.4 0.0450 0.59 0.18 4.34 236.0 10.0 290.9 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
16 8 26 239 17 16.2 0.324 0.696 0.036 750. 442. -189.1 0.0450 0.59 0.21 4.24 230.0 10.0 290.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
16 8 26 239 18 2.9 0.258 0.393 0.036 750. 316. -528.4 0.0450 0.59 0.32 3.44 238.0 10.0 289.2 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 8 26 239 19 -14.9 0.165 -9.000 -9.000 -999. 164. 29.9 0.0360 0.59 0.65 2.50 244.0 10.0 289.2 2.0 0
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16 8 26 239 20 -14.2 0.159 -9.000 -9.000 -999. 152. 27.9 0.0360 0.59 1.00 2.42 254.0 10.0 288.8 2.0 0
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16 8 26 239 21 -6.7 0.108 -9.000 -9.000 -999. 85. 16.8 0.0360 0.59 1.00 1.69 256.0 10.0 289.2 2.0 0
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16 8 27 240 1 -10.6 0.136 -9.000 -9.000 -999. 121. 21.6 0.0360 0.59 1.00 2.10 246.0 10.0 288.8 2.0 0
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16 8 27 240 2 -8.2 0.120 -9.000 -9.000 -999. 99. 18.8 0.0360 0.59 1.00 1.86 243.0 10.0 288.8 2.0 0

0.00 83. 1010. 10 ADJ-A1 NoSubs
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16 8 27 240 4 -6.0 0.102 -9.000 -9.000 -999. 78. 15.8 0.0360 0.59 1.00 1.60 244.0 10.0 288.8 2.0 0
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16 8 27 240 5 -7.3 0.113 -9.000 -9.000 -999. 91. 17.6 0.0360 0.59 1.00 1.76 256.0 10.0 288.8 2.0 0
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16 8 27 240 6 -7.4 0.114 -9.000 -9.000 -999. 92. 18.1 0.0450 0.59 1.00 1.71 222.0 10.0 288.1 2.0 0
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16 8 27 240 7 -1.2 0.072 -9.000 -9.000 -999. 47. 28.0 0.0320 0.59 0.38 1.12 298.0 10.0 288.8 2.0 0
0.00 83. 1010. 10 ADJ-A1 Sub_CC
16 8 27 240 8 11.8 0.127 0.561 0.032 538. 108. -15.5 0.0360 0.59 0.23 1.50 254.0 10.0 288.8 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 8 27 240 9 24.1 0.177 0.729 0.033 578. 179. -20.9 0.0360 0.59 0.19 2.16 247.0 10.0 289.9 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
16 8 27 240 10 33.8 0.228 0.840 0.033 631. 262. -31.7 0.0450 0.59 0.18 2.74 230.0 10.0 290.4 2.0 0
0.00 75. 1011. 10 ADJ-A1 NoSubs
16 8 27 240 11 40.8 0.293 0.920 0.033 689. 380. -55.4 0.0450 0.59 0.17 3.64 227.0 10.0 290.9 2.0 0
0.00 72. 1012. 10 ADJ-A1 NoSubs
16 8 27 240 12 185.0 0.382 1.614 0.033 822. 566. -27.1 0.0450 0.59 0.17 4.53 219.0 10.0 293.1 2.0 0
0.00 62. 1011. 3 ADJ-A1 NoSubs
16 8 27 240 13 184.2 0.417 1.626 0.032 843. 645. -35.4 0.0450 0.59 0.17 5.04 214.0 10.0 293.8 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
16 8 27 240 14 172.9 0.397 1.602 0.031 859. 602. -32.7 0.0450 0.59 0.17 4.78 239.0 10.0 292.5 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
16 8 27 240 15 149.7 0.435 1.531 0.029 866. 688. -49.6 0.0450 0.59 0.17 5.38 227.0 10.0 293.8 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
16 8 27 240 16 113.8 0.428 1.400 0.028 870. 672. -62.1 0.0450 0.59 0.18 5.36 233.0 10.0 292.0 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
16 8 27 240 17 68.1 0.451 1.182 0.028 873. 726. -121.2 0.0450 0.59 0.22 5.82 238.0 10.0 291.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 8 27 240 18 16.1 0.360 0.731 0.028 873. 524. -260.7 0.0450 0.59 0.32 4.75 236.0 10.0 290.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
16 8 27 240 19 -16.8 0.177 -9.000 -9.000 -999. 209. 34.6 0.0450 0.59 0.66 2.57 231.0 10.0 288.1 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
16 8 27 240 20 -3.8 0.080 -9.000 -9.000 -999. 65. 12.3 0.0280 0.59 1.00 1.31 197.0 10.0 287.5 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
16 8 27 240 21 -1.6 0.062 -9.000 -9.000 -999. 37. 13.2 0.0420 0.59 1.00 0.69 156.0 10.0 288.1 2.0 0
0.00 93. 1012. 0 ADJ-A1 NoSubs
16 8 27 240 22 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0380 0.59 1.00 1.30 329.0 10.0 286.4 2.0 0
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16 8 27 240 23 -6.7 0.108 -9.000 -9.000 -999. 85. 16.7 0.0380 0.59 1.00 1.67 312.0 10.0 285.9 2.0 0
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16 8 27 240 24 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0380 0.59 1.00 1.57 324.0 10.0 286.4 2.0 0
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16 8 28 241 1 -2.4 0.068 -9.000 -9.000 -999. 43. 11.8 0.0380 0.59 1.00 0.96 325.0 10.0 286.4 2.0 0
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16 8 28 241 2 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.59 1.00 0.97 319.0 10.0 287.0 2.0 0
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16 8 28 241 3 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0320 0.59 1.00 1.08 277.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
16 8 28 241 4 -4.4 0.087 -9.000 -9.000 -999. 62. 13.6 0.0380 0.59 1.00 1.35 320.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
16 8 28 241 5 -3.9 0.083 -9.000 -9.000 -999. 58. 13.3 0.0440 0.59 1.00 1.25 346.0 10.0 287.5 2.0 0

0.00 93. 1012. 10 ADJ-A1 NoSubs
16 8 28 241 6 -6.5 0.106 -9.000 -9.000 -999. 83. 16.6 0.0380 0.59 1.00 1.65 326.0 10.0 287.5 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
16 8 28 241 7 -1.9 0.087 -9.000 -9.000 -999. 61. 31.7 0.0440 0.59 0.38 1.26 350.0 10.0 288.1 2.0 0
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16 8 28 241 8 11.7 0.122 0.569 0.031 570. 102. -14.0 0.0370 0.59 0.23 1.42 55.0 10.0 288.8 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
16 8 28 241 9 23.6 0.131 0.770 0.034 699. 114. -8.6 0.0370 0.59 0.19 1.45 23.0 10.0 288.8 2.0 0
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16 8 28 241 10 33.5 0.144 0.869 0.034 706. 132. -8.1 0.0370 0.59 0.18 1.59 12.0 10.0 289.9 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
16 8 28 241 11 169.6 0.213 1.515 0.033 741. 235. -5.1 0.0280 0.59 0.17 2.35 182.0 10.0 292.0 2.0 0
0.00 69. 1013. 3 ADJ-A1 NoSubs
16 8 28 241 12 181.3 0.318 1.561 0.031 759. 431. -16.1 0.0280 0.59 0.17 3.98 194.0 10.0 292.5 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
16 8 28 241 13 183.5 0.394 1.572 0.029 767. 593. -30.1 0.0450 0.59 0.17 4.71 232.0 10.0 293.8 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
16 8 28 241 14 172.7 0.397 1.545 0.027 773. 601. -32.8 0.0450 0.59 0.17 4.78 218.0 10.0 294.2 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
16 8 28 241 15 148.8 0.394 1.474 0.026 778. 593. -37.1 0.0450 0.59 0.17 4.78 229.0 10.0 293.8 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
16 8 28 241 16 112.9 0.403 1.346 0.024 781. 614. -52.4 0.0450 0.59 0.18 5.00 224.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
16 8 28 241 17 66.8 0.363 1.132 0.024 783. 527. -64.8 0.0450 0.59 0.22 4.56 224.0 10.0 290.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
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16 8 28 241 20 -2.5 0.070 -9.000 -9.000 -999. 45. 12.0 0.0420 0.59 1.00 0.97 167.0 10.0 288.1 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 8 28 241 21 -3.4 0.077 -9.000 -9.000 -999. 52. 12.3 0.0370 0.59 1.00 1.18 4.0 10.0 287.5 2.0 0
0.00 93. 1013. 0 ADJ-A1 NoSubs
16 8 28 241 22 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.59 1.00 1.33 2.0 10.0 287.0 2.0 0
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16 8 28 241 23 -5.6 0.099 -9.000 -9.000 -999. 75. 15.5 0.0440 0.59 1.00 1.50 347.0 10.0 286.4 2.0 0
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16 8 28 241 24 -6.6 0.106 -9.000 -9.000 -999. 83. 16.5 0.0380 0.59 1.00 1.65 314.0 10.0 285.4 2.0 0
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0.00 96. 1013. 10 ADJ-A1 NoSubs
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16 8 29 242 6 -4.5 0.088 -9.000 -9.000 -999. 63. 13.9 0.0450 0.59 1.00 1.33 233.0 10.0 285.4 2.0 0
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16 8 29 242 7 -1.1 0.059 -9.000 -9.000 -999. 34. 16.1 0.0370 0.59 0.39 0.92 20.0 10.0 285.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
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0.00 96. 1014. 10 ADJ-A1 NoSubs
16 8 29 242 9 23.5 0.109 0.670 0.037 462. 87. -5.0 0.0360 0.59 0.19 1.14 256.0 10.0 288.8 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
16 8 29 242 10 114.5 0.146 1.243 0.038 607. 134. -2.5 0.0320 0.59 0.18 1.42 278.0 10.0 290.4 2.0 0
0.00 80. 1013. 7 ADJ-A1 NoSubs
16 8 29 242 11 166.4 0.204 1.427 0.036 631. 221. -4.6 0.0360 0.59 0.17 2.10 249.0 10.0 293.1 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
16 8 29 242 12 181.9 0.275 1.491 0.034 658. 347. -10.4 0.0450 0.59 0.17 2.98 225.0 10.0 295.9 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
16 8 29 242 13 183.8 0.318 1.520 0.032 690. 430. -15.8 0.0450 0.59 0.17 3.59 237.0 10.0 296.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
16 8 29 242 14 173.2 0.301 1.500 0.030 703. 397. -14.2 0.0450 0.59 0.17 3.37 220.0 10.0 297.5 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
16 8 29 242 15 149.2 0.325 1.432 0.028 709. 446. -20.8 0.0420 0.59 0.18 3.83 167.0 10.0 297.0 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
16 8 29 242 16 113.3 0.309 1.309 0.027 713. 413. -23.5 0.0420 0.59 0.19 3.68 150.0 10.0 296.4 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
16 8 29 242 17 67.7 0.246 1.104 0.026 715. 295. -19.8 0.0390 0.59 0.22 2.93 128.0 10.0 296.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
16 8 29 242 18 14.7 0.296 0.664 0.026 715. 385. -157.9 0.0420 0.59 0.33 3.90 158.0 10.0 293.1 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
16 8 29 242 19 -21.7 0.227 -9.000 -9.000 -999. 262. 56.9 0.0390 0.59 0.69 3.34 142.0 10.0 291.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
16 8 29 242 20 -8.4 0.122 -9.000 -9.000 -999. 108. 19.4 0.0420 0.59 1.00 1.84 169.0 10.0 290.4 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
16 8 29 242 21 -6.8 0.108 -9.000 -9.000 -999. 86. 17.0 0.0370 0.59 1.00 1.69 43.0 10.0 289.9 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
16 8 29 242 22 -3.4 0.077 -9.000 -9.000 -999. 51. 12.2 0.0360 0.59 1.00 1.18 249.0 10.0 287.5 2.0 0
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16 8 29 242 23 -4.8 0.091 -9.000 -9.000 -999. 66. 14.2 0.0380 0.59 1.00 1.42 300.0 10.0 288.1 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 8 29 242 24 -3.5 0.079 -9.000 -9.000 -999. 54. 12.8 0.0440 0.59 1.00 1.18 349.0 10.0 287.5 2.0 0
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16 8 30 243 1 -4.1 0.084 -9.000 -9.000 -999. 58. 13.2 0.0380 0.59 1.00 1.30 308.0 10.0 287.5 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
16 8 30 243 2 -7.9 0.117 -9.000 -9.000 -999. 96. 18.4 0.0380 0.59 1.00 1.81 313.0 10.0 287.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 8 30 243 3 -6.1 0.102 -9.000 -9.000 -999. 78. 15.9 0.0380 0.59 1.00 1.59 318.0 10.0 287.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
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0.00 96. 1011. 0 ADJ-A1 NoSubs
16 8 30 243 5 -3.8 0.082 -9.000 -9.000 -999. 57. 13.1 0.0440 0.59 1.00 1.23 352.0 10.0 285.4 2.0 0
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0.00 96. 1011. 0 ADJ-A1 NoSubs
16 8 30 243 7 -0.3 0.100 -9.000 -9.000 -999. 76. 315.0 0.0380 0.59 0.39 1.42 315.0 10.0 287.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 8 30 243 8 52.0 0.141 0.785 0.029 335. 127. -4.8 0.0440 0.59 0.24 1.39 356.0 10.0 291.4 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
16 8 30 243 9 100.6 0.146 1.054 0.029 419. 134. -2.8 0.0420 0.59 0.19 1.35 163.0 10.0 293.8 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
16 8 30 243 10 139.9 0.214 1.259 0.028 515. 237. -6.3 0.0420 0.59 0.18 2.21 157.0 10.0 295.9 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
16 8 30 243 11 167.0 0.274 1.364 0.026 548. 344. -11.1 0.0280 0.59 0.17 3.30 194.0 10.0 296.4 2.0 0

0.00 51. 1010. 0 ADJ-A1 NoSubs
16 8 30 243 12 181.4 0.288 1.427 0.023 577. 370. -11.8 0.0280 0.59 0.17 3.49 192.0 10.0 296.4 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
16 8 30 243 13 183.0 0.321 1.455 0.021 606. 436. -16.2 0.0420 0.59 0.17 3.69 170.0 10.0 296.4 2.0 0
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16 8 30 243 14 172.3 0.324 1.457 0.020 646. 442. -17.7 0.0390 0.59 0.17 3.81 134.0 10.0 297.5 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
16 8 30 243 15 147.8 0.334 1.400 0.018 668. 464. -22.7 0.0390 0.59 0.18 4.03 133.0 10.0 295.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
16 8 30 243 16 112.1 0.317 1.286 0.017 682. 428. -25.4 0.0390 0.59 0.19 3.85 142.0 10.0 295.9 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
16 8 30 243 17 65.9 0.308 1.081 0.016 690. 409. -39.6 0.0390 0.59 0.22 3.86 139.0 10.0 294.9 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
16 8 30 243 18 13.8 0.237 0.642 0.016 691. 279. -86.7 0.0390 0.59 0.33 3.10 148.0 10.0 293.8 2.0 0
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16 8 31 244 6 -7.9 0.117 -9.000 -9.000 -999. 96. 18.3 0.0380 0.59 1.00 1.81 316.0 10.0 285.4 2.0 0
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16 8 31 244 7 5.0 0.107 0.227 0.018 85. 84. -22.4 0.0380 0.59 0.39 1.30 327.0 10.0 287.0 2.0 0
0.00 89. 1009. 4 ADJ-A1 NoSubs
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0.00 86. 1009. 2 ADJ-A1 Sub_CC
16 8 31 244 9 99.0 0.146 1.040 0.021 409. 134. -2.8 0.0390 0.59 0.19 1.38 130.0 10.0 290.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
16 8 31 244 10 138.6 0.196 1.219 0.019 470. 209. -4.9 0.0390 0.59 0.18 2.00 139.0 10.0 294.2 2.0 0
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16 8 31 244 11 165.8 0.302 1.316 0.016 496. 398. -14.9 0.0420 0.59 0.17 3.44 170.0 10.0 294.9 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
16 8 31 244 12 180.5 0.289 1.376 0.013 519. 374. -12.1 0.0420 0.59 0.17 3.23 151.0 10.0 295.9 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
16 8 31 244 13 182.5 0.296 1.404 0.010 546. 386. -12.8 0.0420 0.59 0.17 3.32 150.0 10.0 297.0 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
16 8 31 244 14 171.7 0.291 1.439 0.008 625. 377. -12.9 0.0420 0.59 0.17 3.27 156.0 10.0 298.1 2.0 0

0.00 44. 1008. 0 ADJ-A1 NoSubs
16 8 31 244 15 147.7 0.268 1.439 0.008 725. 333. -11.7 0.0390 0.59 0.18 3.03 126.0 10.0 298.1 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
16 8 31 244 16 111.5 0.300 1.335 0.008 768. 394. -21.7 0.0360 0.59 0.19 3.66 117.0 10.0 297.0 2.0 0
0.00 50. 1007. 0 ADJ-A1 NoSubs
16 8 31 244 17 64.9 0.334 1.122 0.008 783. 463. -51.5 0.0360 0.59 0.22 4.32 112.0 10.0 295.4 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
16 8 31 244 18 12.3 0.270 0.646 0.008 784. 339. -143.6 0.0360 0.59 0.34 3.66 113.0 10.0 293.1 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
16 8 31 244 19 -22.9 0.237 -9.000 -9.000 -999. 277. 61.5 0.0360 0.59 0.72 3.52 117.0 10.0 290.4 2.0 0
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16 8 31 244 20 -19.8 0.203 -9.000 -9.000 -999. 219. 45.2 0.0340 0.59 1.00 3.07 81.0 10.0 289.2 2.0 0
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16 8 31 244 21 -11.2 0.141 -9.000 -9.000 -999. 128. 22.4 0.0370 0.59 1.00 2.15 56.0 10.0 289.2 2.0 0
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16 8 31 244 22 -5.7 0.099 -9.000 -9.000 -999. 75. 15.4 0.0370 0.59 1.00 1.55 25.0 10.0 288.8 2.0 0
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16 8 31 244 23 -4.9 0.092 -9.000 -9.000 -999. 67. 14.5 0.0440 0.59 1.00 1.40 353.0 10.0 287.5 2.0 0
0.00 93. 1009. 0 ADJ-A1 NoSubs
16 8 31 244 24 -4.7 0.090 -9.000 -9.000 -999. 65. 14.3 0.0440 0.59 1.00 1.37 341.0 10.0 288.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 1 -4.5 0.088 -9.000 -9.000 -999. 62. 13.5 0.0330 0.83 1.00 1.40 35.0 10.0 288.1 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 2 -5.5 0.097 -9.000 -9.000 -999. 73. 14.9 0.0330 0.83 1.00 1.55 53.0 10.0 288.1 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 3 -3.4 0.077 -9.000 -9.000 -999. 51. 12.1 0.0330 0.83 1.00 1.20 52.0 10.0 287.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 4 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.83 1.00 1.26 359.0 10.0 287.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 5 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0380 0.83 1.00 1.57 339.0 10.0 287.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 6 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0330 0.83 1.00 1.47 323.0 10.0 287.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 7 -2.6 0.088 -9.000 -9.000 -999. 63. 24.1 0.0330 0.83 0.40 1.37 44.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 1 245 8 12.9 0.114 0.421 0.009 208. 92. -10.2 0.0290 0.83 0.24 1.35 242.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 1 245 9 27.9 0.104 0.614 0.011 298. 80. -3.6 0.0290 0.83 0.19 1.09 263.0 10.0 288.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 9 1 245 10 40.0 0.155 0.759 0.017 393. 146. -8.4 0.0370 0.83 0.18 1.71 153.0 10.0 289.2 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
16 9 1 245 11 48.5 0.192 0.867 0.021 484. 202. -13.1 0.0370 0.83 0.17 2.22 150.0 10.0 289.9 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
16 9 1 245 12 211.3 0.232 1.535 0.020 617. 269. -5.3 0.0340 0.83 0.17 2.47 136.0 10.0 292.0 2.0 0
0.00 74. 1010. 5 ADJ-A1 NoSubs
16 9 1 245 13 224.2 0.268 1.639 0.019 708. 333. -7.7 0.0340 0.83 0.17 2.99 139.0 10.0 294.2 2.0 0
0.00 65. 1009. 3 ADJ-A1 Sub_CC
16 9 1 245 14 207.2 0.299 1.655 0.019 789. 392. -11.6 0.0370 0.83 0.17 3.41 155.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
16 9 1 245 15 177.7 0.351 1.600 0.018 829. 499. -21.8 0.0370 0.83 0.18 4.26 167.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
16 9 1 245 16 133.3 0.294 1.463 0.017 845. 385. -17.2 0.0340 0.83 0.19 3.56 130.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
16 9 1 245 17 76.4 0.319 1.219 0.017 853. 432. -38.1 0.0300 0.83 0.22 4.20 97.0 10.0 292.0 2.0 0

0.00 72. 1008. 0 ADJ-A1 NoSubs
16 9 1 245 18 12.1 0.355 0.660 0.017 853. 508. -332.9 0.0300 0.83 0.34 5.07 97.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
16 9 1 245 19 -27.1 0.277 -9.000 -9.000 -999. 354. 84.6 0.0290 0.83 0.73 4.26 87.0 10.0 288.1 2.0 0
0.00 89. 1008. 7 ADJ-A1 NoSubs
16 9 1 245 20 -25.6 0.261 -9.000 -9.000 -999. 320. 75.0 0.0290 0.83 1.00 4.02 76.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
16 9 1 245 21 -18.0 0.184 -9.000 -9.000 -999. 192. 37.3 0.0290 0.83 1.00 2.88 74.0 10.0 288.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 22 -18.1 0.184 -9.000 -9.000 -999. 190. 37.3 0.0290 0.83 1.00 2.88 63.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 23 -8.3 0.120 -9.000 -9.000 -999. 100. 18.6 0.0330 0.83 1.00 1.89 50.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
16 9 1 245 24 -5.1 0.093 -9.000 -9.000 -999. 68. 14.2 0.0310 0.83 1.00 1.50 23.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
16 9 2 246 1 -2.8 0.071 -9.000 -9.000 -999. 46. 11.5 0.0310 0.83 1.00 1.09 19.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
16 9 2 246 2 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.83 1.00 1.25 327.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 9 2 246 3 -2.8 0.071 -9.000 -9.000 -999. 45. 11.4 0.0290 0.83 1.00 1.09 255.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 9 2 246 4 -3.4 0.077 -9.000 -9.000 -999. 51. 11.9 0.0290 0.83 1.00 1.23 250.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 9 2 246 5 -5.5 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.83 1.00 1.52 348.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 9 2 246 6 -5.7 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.83 1.00 1.55 349.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 9 2 246 7 -4.0 0.106 -9.000 -9.000 -999. 83. 27.0 0.0380 0.83 0.40 1.59 359.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 2 246 8 12.4 -9.000 -9.000 -9.000 290. -999. -99999.0 0.0317 0.83 0.24 0.00 0.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-SFC NoSubs
16 9 2 246 9 27.5 -9.000 -9.000 -9.000 415. -999. -99999.0 0.0317 0.83 0.19 0.00 0.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-SFC NoSubs
16 9 2 246 10 39.7 0.158 0.783 0.027 436. 151. -9.0 0.0370 0.83 0.18 1.76 171.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-SFC NoSubs
16 9 2 246 11 194.1 0.256 1.349 0.023 455. 311. -7.8 0.0340 0.83 0.17 2.86 129.0 10.0 291.4 2.0 0
0.00 72. 1008. 5 ADJ-SFC NoSubs
16 9 2 246 12 217.4 0.331 1.418 0.019 471. 457. -15.0 0.0380 0.83 0.17 3.86 216.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-SFC NoSubs
16 9 2 246 13 219.8 0.365 1.452 0.015 501. 528. -19.8 0.0380 0.83 0.17 4.36 226.0 10.0 294.2 2.0 0
0.00 60. 1007. 0 ADJ-SFC NoSubs
16 9 2 246 14 205.6 0.366 1.507 0.013 599. 530. -21.3 0.0230 0.83 0.17 4.86 185.0 10.0 293.8 2.0 0
0.00 62. 1007. 0 ADJ-SFC NoSubs
16 9 2 246 15 175.3 0.345 1.460 0.011 638. 487. -21.1 0.0300 0.83 0.18 4.36 116.0 10.0 292.0 2.0 0
0.00 72. 1007. 0 ADJ-SFC NoSubs
16 9 2 246 16 131.0 0.371 1.357 0.010 685. 542. -35.0 0.0300 0.83 0.19 4.86 117.0 10.0 291.4 2.0 0
0.00 75. 1006. 0 ADJ-SFC NoSubs
16 9 2 246 17 74.2 0.386 1.147 0.009 731. 575. -69.4 0.0300 0.83 0.22 5.25 93.0 10.0 290.4 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
16 9 2 246 18 10.9 0.314 0.606 0.009 736. 424. -254.8 0.0290 0.83 0.35 4.48 82.0 10.0 289.9 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
16 9 2 246 19 -25.2 0.258 -9.000 -9.000 -999. 315. 73.1 0.0290 0.83 0.75 3.97 87.0 10.0 288.1 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
16 9 2 246 20 -13.7 0.155 -9.000 -9.000 -999. 151. 26.4 0.0290 0.83 1.00 2.45 65.0 10.0 287.5 2.0 0

0.00 93. 1007. 7 ADJ-A1 NoSubs
16 9 2 246 21 -17.0 0.173 -9.000 -9.000 -999. 173. 33.0 0.0290 0.83 1.00 2.72 61.0 10.0 287.5 2.0 0
0.00 89. 1007. 9 ADJ-A1 Sub_CC
16 9 2 246 22 -15.1 0.163 -9.000 -9.000 -999. 158. 29.2 0.0290 0.83 1.00 2.57 63.0 10.0 287.5 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
16 9 2 246 23 -10.4 0.134 -9.000 -9.000 -999. 118. 20.9 0.0290 0.83 1.00 2.15 62.0 10.0 287.5 2.0 0
0.00 93. 1006. 10 ADJ-A1 NoSubs
16 9 2 246 24 -9.6 0.129 -9.000 -9.000 -999. 112. 20.2 0.0330 0.83 1.00 2.03 49.0 10.0 287.5 2.0 0
0.00 93. 1006. 10 ADJ-A1 NoSubs
16 9 3 247 1 -10.4 0.134 -9.000 -9.000 -999. 118. 20.9 0.0290 0.83 1.00 2.15 82.0 10.0 287.0 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 9 3 247 2 -6.6 0.106 -9.000 -9.000 -999. 82. 16.1 0.0290 0.83 1.00 1.72 85.0 10.0 287.0 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 9 3 247 3 -6.3 0.104 -9.000 -9.000 -999. 80. 15.8 0.0290 0.83 1.00 1.69 78.0 10.0 286.4 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 9 3 247 4 -6.2 0.103 -9.000 -9.000 -999. 80. 15.9 0.0330 0.83 1.00 1.65 33.0 10.0 287.0 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
16 9 3 247 5 -5.5 0.097 -9.000 -9.000 -999. 72. 14.9 0.0330 0.83 1.00 1.55 56.0 10.0 287.0 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
16 9 3 247 6 -7.8 0.117 -9.000 -9.000 -999. 96. 18.2 0.0370 0.83 1.00 1.81 166.0 10.0 286.4 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 9 3 247 7 5.2 0.110 0.440 0.030 589. 87. -22.8 0.0380 0.83 0.40 1.33 225.0 10.0 287.0 2.0 0
0.00 92. 1006. 7 ADJ-A1 NoSubs
16 9 3 247 8 12.9 0.149 0.597 0.030 592. 138. -22.9 0.0230 0.83 0.24 1.99 192.0 10.0 288.1 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
16 9 3 247 9 27.7 0.192 0.774 0.030 599. 202. -23.0 0.0230 0.83 0.19 2.57 197.0 10.0 288.8 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
16 9 3 247 10 136.9 0.252 1.341 0.028 633. 303. -10.4 0.0380 0.83 0.18 2.83 215.0 10.0 290.4 2.0 0
0.00 69. 1007. 7 ADJ-A1 NoSubs
16 9 3 247 11 48.2 0.309 0.953 0.028 644. 412. -54.9 0.0230 0.83 0.17 4.36 184.0 10.0 290.4 2.0 0
0.00 75. 1007. 10 ADJ-A1 NoSubs
16 9 3 247 12 52.6 0.390 0.984 0.027 650. 584. -101.1 0.0380 0.83 0.17 5.16 216.0 10.0 290.4 2.0 0
0.00 75. 1007. 10 ADJ-A1 NoSubs
16 9 3 247 13 52.8 0.407 0.987 0.026 653. 622. -114.4 0.0380 0.83 0.17 5.41 214.0 10.0 289.9 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
16 9 3 247 14 49.5 0.366 0.967 0.026 657. 533. -89.0 0.0230 0.83 0.17 5.28 209.0 10.0 290.4 2.0 0
0.00 75. 1007. 10 ADJ-A1 NoSubs
16 9 3 247 15 42.0 0.384 0.918 0.025 660. 571. -120.9 0.0230 0.83 0.18 5.60 207.0 10.0 290.4 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
16 9 3 247 16 108.6 0.367 1.264 0.024 667. 533. -40.7 0.0230 0.83 0.19 5.09 209.0 10.0 289.9 2.0 0
0.00 80. 1006. 7 ADJ-A1 NoSubs
16 9 3 247 17 64.7 0.321 1.066 0.023 671. 438. -45.9 0.0230 0.83 0.23 4.49 196.0 10.0 289.9 2.0 0
0.00 80. 1006. 7 ADJ-A1 NoSubs
16 9 3 247 18 15.3 0.304 0.659 0.023 672. 403. -165.6 0.0370 0.83 0.35 4.12 168.0 10.0 288.8 2.0 0
0.00 86. 1005. 7 ADJ-A1 NoSubs
16 9 3 247 19 -10.5 0.135 -9.000 -9.000 -999. 145. 21.1 0.0290 0.83 1.00 2.16 61.0 10.0 288.1 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
16 9 3 247 20 -9.4 0.128 -9.000 -9.000 -999. 110. 19.9 0.0310 0.83 1.00 2.03 7.0 10.0 287.0 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
16 9 3 247 21 -5.2 0.095 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.48 349.0 10.0 286.4 2.0 0
0.00 96. 1006. 5 ADJ-A1 NoSubs
16 9 3 247 22 -4.2 0.084 -9.000 -9.000 -999. 59. 12.7 0.0260 0.83 1.00 1.40 274.0 10.0 285.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 9 3 247 23 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.83 1.00 1.50 239.0 10.0 285.9 2.0 0

0.00 96. 1006. 0 ADJ-A1 NoSubs
16 9 3 247 24 -3.2 0.075 -9.000 -9.000 -999. 49. 11.7 0.0290 0.83 1.00 1.18 264.0 10.0 285.4 2.0 0
0.00 96. 1006. 3 ADJ-A1 NoSubs
16 9 4 248 1 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.83 1.00 1.43 236.0 10.0 283.1 2.0 0
0.00 100. 1006. 3 ADJ-A1 NoSubs
16 9 4 248 2 -3.0 0.072 -9.000 -9.000 -999. 47. 11.5 0.0290 0.83 1.00 1.13 262.0 10.0 283.8 2.0 0
0.00 96. 1006. 0 ADJ-A1 NoSubs
16 9 4 248 3 -4.8 0.091 -9.000 -9.000 -999. 66. 13.9 0.0330 0.83 1.00 1.45 316.0 10.0 283.8 2.0 0
0.00 96. 1006. 7 ADJ-A1 NoSubs
16 9 4 248 4 -5.5 0.096 -9.000 -9.000 -999. 72. 14.7 0.0330 0.83 1.00 1.54 307.0 10.0 283.1 2.0 0
0.00 100. 1006. 7 ADJ-A1 NoSubs
16 9 4 248 5 -3.9 0.082 -9.000 -9.000 -999. 57. 12.7 0.0330 0.83 1.00 1.30 306.0 10.0 283.1 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 9 4 248 6 -2.9 0.071 -9.000 -9.000 -999. 46. 11.3 0.0260 0.83 1.00 1.13 288.0 10.0 284.9 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 9 4 248 7 -2.9 0.087 -9.000 -9.000 -999. 62. 20.6 0.0260 0.83 0.41 1.42 270.0 10.0 285.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
16 9 4 248 8 63.5 0.194 0.941 0.018 471. 204. -10.2 0.0290 0.83 0.24 2.30 247.0 10.0 287.5 2.0 0
0.00 86. 1007. 3 ADJ-A1 NoSubs
16 9 4 248 9 99.7 0.241 1.236 0.022 680. 284. -12.6 0.0380 0.83 0.19 2.76 216.0 10.0 289.9 2.0 0
0.00 69. 1007. 7 ADJ-A1 NoSubs
16 9 4 248 10 136.1 0.307 1.401 0.022 726. 408. -19.1 0.0230 0.83 0.18 4.05 203.0 10.0 289.9 2.0 0
0.00 69. 1007. 7 ADJ-A1 NoSubs
16 9 4 248 11 48.7 0.315 1.000 0.022 738. 425. -57.7 0.0230 0.83 0.17 4.46 192.0 10.0 292.0 2.0 0
0.00 62. 1007. 10 ADJ-A1 NoSubs
16 9 4 248 12 215.3 0.371 1.668 0.021 776. 542. -21.3 0.0230 0.83 0.17 4.93 185.0 10.0 292.0 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
16 9 4 248 13 220.3 0.419 1.695 0.019 795. 649. -29.9 0.0230 0.83 0.17 5.70 187.0 10.0 292.0 2.0 0
0.00 64. 1007. 3 ADJ-A1 NoSubs
16 9 4 248 14 196.8 0.428 1.644 0.018 812. 672. -35.8 0.0230 0.83 0.17 5.90 190.0 10.0 291.4 2.0 0
0.00 67. 1006. 5 ADJ-A1 NoSubs
16 9 4 248 15 176.1 0.442 1.595 0.017 827. 705. -43.9 0.0230 0.83 0.18 6.16 185.0 10.0 290.4 2.0 0
0.00 72. 1006. 3 ADJ-A1 NoSubs
16 9 4 248 16 128.1 0.327 1.440 0.016 838. 457. -24.4 0.0340 0.83 0.19 4.07 137.0 10.0 290.9 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
16 9 4 248 17 71.2 0.333 1.189 0.015 847. 462. -46.6 0.0300 0.83 0.23 4.44 101.0 10.0 290.4 2.0 0
0.00 72. 1005. 0 ADJ-A1 NoSubs
16 9 4 248 18 13.6 0.287 0.684 0.015 847. 371. -157.2 0.0290 0.83 0.36 4.06 87.0 10.0 288.7 2.0 9999
-9.00 999. 1007. 3 ADJ-A1 Sub_CC-TT
16 9 4 248 19 -24.9 0.254 -9.000 -9.000 -999. 308. 71.2 0.0290 0.83 1.00 3.92 84.0 10.0 287.0 2.0 0
0.00 89. 1005. 5 ADJ-A1 NoSubs
16 9 4 248 20 -18.9 0.192 -9.000 -9.000 -999. 203. 40.6 0.0290 0.83 1.00 3.00 69.0 10.0 286.4 2.0 0
0.00 92. 1006. 3 ADJ-A1 NoSubs
16 9 4 248 21 -13.2 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 30.0 10.0 286.4 2.0 0
0.00 89. 1006. 7 ADJ-SFC NoSubs
16 9 4 248 22 -7.1 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.76 36.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-SFC NoSubs
16 9 4 248 23 -13.2 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 34.0 10.0 286.4 2.0 0
0.00 89. 1006. 10 ADJ-SFC NoSubs
16 9 4 248 24 -17.3 0.176 -9.000 -9.000 -999. 177. 34.1 0.0330 0.83 1.00 2.70 56.0 10.0 286.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
16 9 5 249 1 -17.1 0.174 -9.000 -9.000 -999. 174. 33.3 0.0290 0.83 1.00 2.73 60.0 10.0 286.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
16 9 5 249 2 -11.4 0.141 -9.000 -9.000 -999. 127. 22.0 0.0300 0.83 1.00 2.23 91.0 10.0 286.4 2.0 0

0.00 89. 1005. 10 ADJ-A1 NoSubs
16 9 5 249 3 -7.0 0.109 -9.000 -9.000 -999. 87. 16.9 0.0330 0.83 1.00 1.74 58.0 10.0 286.4 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
16 9 5 249 4 -4.6 0.089 -9.000 -9.000 -999. 63. 13.5 0.0290 0.83 1.00 1.45 64.0 10.0 285.9 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
16 9 5 249 5 -6.7 0.107 -9.000 -9.000 -999. 84. 16.3 0.0290 0.83 1.00 1.74 64.0 10.0 286.4 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
16 9 5 249 6 -6.0 0.100 -9.000 -9.000 -999. 76. 15.3 0.0290 0.83 1.00 1.64 61.0 10.0 285.9 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
16 9 5 249 7 -4.5 0.109 -9.000 -9.000 -999. 86. 25.8 0.0290 0.83 0.41 1.72 80.0 10.0 285.9 2.0 0
0.00 86. 1006. 10 ADJ-A1 Sub_CC
16 9 5 249 8 11.9 0.140 0.323 0.017 101. 126. -20.7 0.0300 0.83 0.24 1.77 109.0 10.0 286.4 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
16 9 5 249 9 116.7 0.162 1.106 0.022 416. 156. -3.3 0.0380 0.83 0.19 1.57 351.0 10.0 288.8 2.0 0
0.00 71. 1006. 5 ADJ-A1 NoSubs
16 9 5 249 10 163.8 0.160 1.276 0.019 456. 154. -2.3 0.0290 0.83 0.18 1.57 78.0 10.0 290.4 2.0 0
0.00 64. 1006. 0 ADJ-A1 NoSubs
16 9 5 249 11 197.4 0.211 1.393 0.016 492. 232. -4.3 0.0370 0.83 0.17 2.13 153.0 10.0 292.5 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
16 9 5 249 12 214.9 0.330 1.495 0.013 558. 455. -15.0 0.0380 0.83 0.17 3.85 219.0 10.0 293.1 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
16 9 5 249 13 216.3 0.316 1.549 0.010 617. 427. -13.1 0.0380 0.83 0.17 3.64 215.0 10.0 293.1 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
16 9 5 249 14 202.2 0.310 1.533 0.007 640. 414. -13.2 0.0230 0.83 0.17 3.95 203.0 10.0 293.8 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
16 9 5 249 15 171.7 0.321 1.466 0.005 658. 437. -17.3 0.0230 0.83 0.18 4.20 194.0 10.0 292.5 2.0 0
0.00 65. 1005. 0 ADJ-A1 NoSubs
16 9 5 249 16 127.1 0.321 1.336 0.005 672. 436. -23.2 0.0230 0.83 0.19 4.29 188.0 10.0 292.0 2.0 0
0.00 64. 1005. 0 ADJ-A1 NoSubs
16 9 5 249 17 69.5 0.304 1.099 0.005 685. 402. -36.2 0.0370 0.83 0.23 3.83 162.0 10.0 289.9 2.0 0
0.00 74. 1004. 0 ADJ-A1 NoSubs
16 9 5 249 18 5.8 0.276 0.481 0.005 684. 348. -322.7 0.0340 0.83 0.36 3.85 131.0 10.0 288.1 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
16 9 5 249 19 -22.9 0.233 -9.000 -9.000 -999. 271. 60.0 0.0300 0.83 1.00 3.59 113.0 10.0 287.0 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
16 9 5 249 20 -18.6 0.190 -9.000 -9.000 -999. 199. 39.7 0.0300 0.83 1.00 2.95 102.0 10.0 287.0 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
16 9 5 249 21 -9.7 0.130 -9.000 -9.000 -999. 113. 20.3 0.0330 0.83 1.00 2.04 53.0 10.0 286.4 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
16 9 5 249 22 -4.7 0.090 -9.000 -9.000 -999. 65. 13.7 0.0310 0.83 1.00 1.45 11.0 10.0 285.9 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
16 9 5 249 23 -6.1 0.102 -9.000 -9.000 -999. 78. 15.5 0.0310 0.83 1.00 1.64 7.0 10.0 284.9 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
16 9 5 249 24 -6.3 0.103 -9.000 -9.000 -999. 80. 15.8 0.0330 0.83 1.00 1.65 322.0 10.0 284.2 2.0 0
0.00 96. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 1 -10.1 0.133 -9.000 -9.000 -999. 116. 20.7 0.0330 0.83 1.00 2.08 312.0 10.0 284.2 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 2 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.83 1.00 1.72 304.0 10.0 283.8 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 3 -2.8 0.071 -9.000 -9.000 -999. 45. 11.2 0.0260 0.83 1.00 1.11 297.0 10.0 282.5 2.0 0
0.00 96. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 4 -2.9 0.072 -9.000 -9.000 -999. 46. 11.3 0.0260 0.83 1.00 1.14 294.0 10.0 282.0 2.0 0
0.00 100. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 5 -2.5 0.068 -9.000 -9.000 -999. 43. 11.5 0.0330 0.83 1.00 0.99 325.0 10.0 281.4 2.0 0

0.00 100. 1005. 0 ADJ-A1 NoSubs
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0.00 95. 1006. 0 ADJ-A1 NoSubs
16 9 6 250 7 -1.5 0.071 -9.000 -9.000 -999. 46. 22.1 0.0330 0.83 0.41 1.11 321.0 10.0 284.2 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
16 9 6 250 8 56.5 0.100 0.688 0.027 207. 76. -1.6 0.0290 0.83 0.24 0.92 85.0 10.0 287.5 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
16 9 6 250 9 116.1 0.134 0.994 0.024 304. 118. -1.9 0.0300 0.83 0.19 1.26 113.0 10.0 290.4 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
16 9 6 250 10 164.8 0.142 1.177 0.021 356. 128. -1.5 0.0310 0.83 0.18 1.28 22.0 10.0 294.9 2.0 0
0.00 50. 1007. 0 ADJ-A1 NoSubs
16 9 6 250 11 199.2 0.218 1.294 0.016 390. 245. -4.7 0.0340 0.83 0.17 2.28 129.0 10.0 298.1 2.0 0
0.00 44. 1006. 0 ADJ-A1 NoSubs
16 9 6 250 12 216.7 0.268 1.448 0.012 503. 332. -7.9 0.0230 0.83 0.17 3.25 199.0 10.0 298.8 2.0 0
0.00 36. 1006. 0 ADJ-A1 NoSubs
16 9 6 250 13 218.3 0.297 1.491 0.009 545. 389. -10.8 0.0380 0.83 0.17 3.35 221.0 10.0 299.2 2.0 0
0.00 33. 1006. 0 ADJ-A1 NoSubs
16 9 6 250 14 203.2 0.316 1.486 0.006 580. 426. -13.9 0.0230 0.83 0.17 4.05 206.0 10.0 298.1 2.0 0
0.00 36. 1006. 0 ADJ-A1 NoSubs
16 9 6 250 15 173.5 0.279 1.451 0.005 632. 355. -11.3 0.0230 0.83 0.18 3.51 186.0 10.0 298.8 2.0 0
0.00 34. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 16 127.1 0.348 1.363 0.005 715. 492. -29.6 0.0370 0.83 0.19 4.32 177.0 10.0 295.4 2.0 0
0.00 48. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 17 68.5 0.310 1.132 0.005 759. 415. -39.0 0.0370 0.83 0.23 3.93 165.0 10.0 291.4 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 18 4.9 0.242 0.470 0.005 752. 287. -256.7 0.0340 0.83 0.37 3.36 141.0 10.0 289.9 2.0 0
0.00 77. 1005. 0 ADJ-SFC NoSubs
16 9 6 250 19 -21.4 0.220 -9.000 -9.000 -999. 248. 53.3 0.0340 0.83 1.00 3.32 122.0 10.0 288.8 2.0 0
0.00 83. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 20 -10.3 0.134 -9.000 -9.000 -999. 120. 20.9 0.0300 0.83 1.00 2.13 107.0 10.0 288.1 2.0 0
0.00 83. 1005. 0 ADJ-A1 NoSubs
16 9 6 250 21 -2.0 0.064 -9.000 -9.000 -999. 41. 11.6 0.0310 0.83 1.00 0.87 22.0 10.0 287.5 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
16 9 6 250 22 -7.0 0.109 -9.000 -9.000 -999. 86. 16.6 0.0290 0.83 1.00 1.77 76.0 10.0 287.0 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
16 9 6 250 23 -5.1 0.094 -9.000 -9.000 -999. 69. 14.6 0.0380 0.83 1.00 1.46 345.0 10.0 287.0 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
16 9 6 250 24 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0330 0.83 1.00 1.59 314.0 10.0 286.4 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
16 9 7 251 1 -2.4 0.066 -9.000 -9.000 -999. 41. 11.1 0.0260 0.83 1.00 0.99 294.0 10.0 284.2 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
16 9 7 251 2 -1.9 0.064 -9.000 -9.000 -999. 38. 12.3 0.0380 0.83 1.00 0.79 213.0 10.0 284.9 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
16 9 7 251 3 -1.7 0.062 -9.000 -9.000 -999. 37. 12.7 0.0380 0.83 1.00 0.74 335.0 10.0 284.2 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
16 9 7 251 4 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.83 1.00 1.47 334.0 10.0 283.8 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
16 9 7 251 5 -7.2 0.111 -9.000 -9.000 -999. 88. 17.0 0.0330 0.83 1.00 1.76 307.0 10.0 284.2 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
16 9 7 251 6 -2.1 0.065 -9.000 -9.000 -999. 40. 11.7 0.0330 0.83 1.00 0.89 304.0 10.0 283.1 2.0 0
0.00 96. 1006. 0 ADJ-A1 NoSubs
16 9 7 251 7 -2.9 0.111 -9.000 -9.000 -999. 88. 42.1 0.0380 0.83 0.42 1.64 332.0 10.0 285.9 2.0 0
0.00 82. 1006. 0 ADJ-A1 NoSubs
16 9 7 251 8 56.6 0.127 0.601 0.021 138. 109. -3.3 0.0260 0.83 0.25 1.35 286.0 10.0 290.4 2.0 0

0.00 67. 1007. 0 ADJ-A1 NoSubs
16 9 7 251 9 116.9 0.156 0.898 0.019 223. 148. -2.9 0.0340 0.83 0.19 1.53 128.0 10.0 294.2 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
16 9 7 251 10 166.6 0.134 1.143 0.014 322. 118. -1.3 0.0290 0.83 0.18 1.20 60.0 10.0 299.9 2.0 0
0.00 34. 1007. 0 ADJ-A1 NoSubs
16 9 7 251 11 200.9 0.230 1.322 0.011 413. 264. -5.4 0.0340 0.83 0.17 2.45 143.0 10.0 302.5 2.0 0
0.00 29. 1007. 0 ADJ-A1 NoSubs
16 9 7 251 12 214.5 0.393 1.504 0.008 571. 591. -25.4 0.0380 0.83 0.17 4.80 213.0 10.0 296.4 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
16 9 7 251 13 215.7 0.340 1.587 0.007 667. 478. -16.4 0.0380 0.83 0.17 4.00 228.0 10.0 296.4 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
16 9 7 251 14 201.2 0.346 1.627 0.005 772. 489. -18.6 0.0380 0.83 0.17 4.12 220.0 10.0 296.4 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
16 9 7 251 15 170.4 0.350 1.635 0.005 924. 497. -22.6 0.0380 0.83 0.18 4.24 234.0 10.0 295.4 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
16 9 7 251 16 124.9 0.318 1.522 0.005 1018. 431. -23.2 0.0380 0.83 0.19 3.86 211.0 10.0 293.8 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
16 9 7 251 17 65.9 0.303 1.242 0.005 1047. 400. -37.9 0.0230 0.83 0.23 4.19 190.0 10.0 288.8 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
16 9 7 251 18 10.3 0.235 0.669 0.005 1049. 275. -113.1 0.0380 0.83 0.37 3.12 210.0 10.0 287.5 2.0 0
0.00 96. 1010. 7 ADJ-A1 NoSubs
16 9 7 251 19 -11.7 0.144 -9.000 -9.000 -999. 134. 22.9 0.0380 0.83 1.00 2.18 216.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 7 251 20 -15.5 0.166 -9.000 -9.000 -999. 163. 30.5 0.0380 0.83 1.00 2.50 217.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 7 251 21 -15.5 0.164 -9.000 -9.000 -999. 160. 29.7 0.0290 0.83 1.00 2.59 252.0 10.0 287.0 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 7 251 22 -10.8 0.136 -9.000 -9.000 -999. 120. 21.0 0.0260 0.83 1.00 2.21 270.0 10.0 287.0 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 7 251 23 -9.2 0.125 -9.000 -9.000 -999. 106. 19.2 0.0260 0.83 1.00 2.05 293.0 10.0 287.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 9 7 251 24 -7.8 0.115 -9.000 -9.000 -999. 93. 17.5 0.0260 0.83 1.00 1.89 287.0 10.0 287.5 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 9 8 252 1 -8.9 0.123 -9.000 -9.000 -999. 103. 18.8 0.0260 0.83 1.00 2.01 285.0 10.0 287.5 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 9 8 252 2 -15.5 0.164 -9.000 -9.000 -999. 160. 29.7 0.0290 0.83 1.00 2.59 266.0 10.0 287.5 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 9 8 252 3 -21.4 0.217 -9.000 -9.000 -999. 243. 51.9 0.0290 0.83 1.00 3.37 269.0 10.0 287.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 9 8 252 4 -19.6 0.199 -9.000 -9.000 -999. 213. 43.6 0.0290 0.83 1.00 3.10 266.0 10.0 287.5 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 9 8 252 5 -20.1 0.204 -9.000 -9.000 -999. 222. 45.9 0.0290 0.83 1.00 3.18 257.0 10.0 287.5 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 9 8 252 6 -17.8 0.181 -9.000 -9.000 -999. 186. 36.2 0.0290 0.83 1.00 2.84 263.0 10.0 288.1 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
16 9 8 252 7 -5.4 0.122 -9.000 -9.000 -999. 103. 30.2 0.0260 0.83 0.42 1.94 287.0 10.0 288.1 2.0 0
0.00 93. 1014. 10 ADJ-A1 NoSubs
16 9 8 252 8 12.1 0.154 0.385 0.025 171. 145. -27.4 0.0260 0.83 0.25 2.04 270.0 10.0 288.8 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
16 9 8 252 9 26.9 0.219 0.523 0.024 192. 246. -35.2 0.0380 0.83 0.19 2.74 237.0 10.0 289.2 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
16 9 8 252 10 38.8 0.279 0.617 0.025 219. 354. -50.6 0.0380 0.83 0.18 3.57 232.0 10.0 289.9 2.0 0
0.00 83. 1014. 10 ADJ-A1 NoSubs
16 9 8 252 11 47.6 0.301 0.688 0.025 248. 397. -51.9 0.0380 0.83 0.17 3.86 231.0 10.0 291.4 2.0 0

0.00 75. 1014. 10 ADJ-A1 NoSubs
16 9 8 252 12 52.1 0.326 0.736 0.025 276. 448. -60.4 0.0380 0.83 0.17 4.22 222.0 10.0 292.0 2.0 0
0.00 72. 1014. 10 ADJ-A1 NoSubs
16 9 8 252 13 216.4 0.405 1.404 0.015 463. 619. -27.8 0.0380 0.83 0.17 4.99 229.0 10.0 292.5 2.0 0
0.00 70. 1013. 3 ADJ-A1 NoSubs
16 9 8 252 14 198.2 0.441 1.408 0.011 509. 701. -38.9 0.0380 0.83 0.17 5.55 229.0 10.0 292.5 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
16 9 8 252 15 167.8 0.390 1.390 0.019 579. 587. -31.9 0.0290 0.83 0.18 5.11 243.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
16 9 8 252 16 122.5 0.408 1.262 0.014 593. 626. -50.1 0.0380 0.83 0.19 5.22 235.0 10.0 291.4 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
16 9 8 252 17 64.9 0.382 1.026 0.017 600. 567. -77.5 0.0380 0.83 0.23 5.00 233.0 10.0 290.4 2.0 0
0.00 75. 1012. 0 ADJ-A1 NoSubs
16 9 8 252 18 1.8 0.282 0.308 0.017 600. 365. -1151.2 0.0380 0.83 0.38 3.91 237.0 10.0 289.2 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
16 9 8 252 19 -7.7 0.115 -9.000 -9.000 -999. 122. 17.7 0.0290 0.83 1.00 1.86 253.0 10.0 288.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
16 9 8 252 20 -2.5 0.067 -9.000 -9.000 -999. 43. 11.1 0.0260 0.83 1.00 1.03 288.0 10.0 288.1 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 9 8 252 21 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0380 0.83 1.00 0.91 355.0 10.0 287.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 9 8 252 22 -5.5 0.097 -9.000 -9.000 -999. 72. 14.9 0.0330 0.83 1.00 1.55 312.0 10.0 286.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 9 8 252 23 -8.3 0.120 -9.000 -9.000 -999. 99. 18.6 0.0330 0.83 1.00 1.89 315.0 10.0 285.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 9 8 252 24 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.83 1.00 1.74 320.0 10.0 285.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 9 9 253 1 -5.4 0.096 -9.000 -9.000 -999. 71. 14.6 0.0330 0.83 1.00 1.53 326.0 10.0 284.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 9 9 253 2 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0330 0.83 1.00 1.57 312.0 10.0 284.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 9 9 253 3 -6.9 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.83 1.00 1.72 313.0 10.0 284.2 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
16 9 9 253 4 -6.3 0.103 -9.000 -9.000 -999. 80. 15.8 0.0330 0.83 1.00 1.65 313.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 9 253 5 -5.3 0.095 -9.000 -9.000 -999. 70. 14.5 0.0330 0.83 1.00 1.52 312.0 10.0 284.2 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 9 253 6 -1.6 0.060 -9.000 -9.000 -999. 35. 12.1 0.0260 0.83 1.00 0.75 299.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 9 253 7 -1.6 0.063 -9.000 -9.000 -999. 38. 13.4 0.0380 0.83 0.42 0.97 330.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 9 253 8 10.8 0.115 0.417 0.035 243. 94. -12.8 0.0370 0.83 0.25 1.33 153.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 9 253 9 25.8 0.106 0.624 0.036 340. 83. -4.2 0.0290 0.83 0.19 1.14 80.0 10.0 286.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 9 253 10 37.8 0.110 0.776 0.037 446. 87. -3.2 0.0230 0.83 0.18 1.19 192.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
16 9 9 253 11 46.5 0.164 0.838 0.036 457. 159. -8.5 0.0370 0.83 0.17 1.81 171.0 10.0 289.2 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
16 9 9 253 12 51.0 0.248 0.871 0.036 468. 296. -26.9 0.0370 0.83 0.17 3.06 173.0 10.0 289.9 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 9 9 253 13 214.7 0.320 1.449 0.033 512. 435. -13.8 0.0230 0.83 0.17 4.10 200.0 10.0 290.9 2.0 0
0.00 77. 1011. 3 ADJ-A1 NoSubs
16 9 9 253 14 199.8 0.348 1.437 0.030 536. 493. -19.0 0.0380 0.83 0.17 4.15 212.0 10.0 290.4 2.0 0

0.00 77. 1011. 3 ADJ-A1 NoSubs
16 9 9 253 15 136.9 0.342 1.275 0.028 546. 480. -26.3 0.0380 0.83 0.18 4.19 224.0 10.0 289.9 2.0 0
0.00 80. 1011. 7 ADJ-A1 NoSubs
16 9 9 253 16 124.9 0.333 1.243 0.026 555. 462. -26.7 0.0380 0.83 0.19 4.09 222.0 10.0 289.2 2.0 0
0.00 80. 1011. 3 ADJ-A1 NoSubs
16 9 9 253 17 13.5 0.269 0.594 0.026 556. 336. -129.0 0.0380 0.83 0.24 3.59 229.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 9 9 253 18 -5.6 0.201 -9.000 -9.000 -999. 218. 131.5 0.0380 0.83 0.39 2.91 228.0 10.0 287.0 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
16 9 9 253 19 -15.8 0.168 -9.000 -9.000 -999. 165. 31.0 0.0380 0.83 1.00 2.52 225.0 10.0 286.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 9 9 253 20 -13.3 0.154 -9.000 -9.000 -999. 144. 25.9 0.0380 0.83 1.00 2.32 223.0 10.0 286.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 9 9 253 21 -6.1 0.102 -9.000 -9.000 -999. 79. 15.9 0.0380 0.83 1.00 1.59 218.0 10.0 286.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 9 9 253 22 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.83 1.00 1.47 222.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 9 253 23 -4.1 0.083 -9.000 -9.000 -999. 57. 12.4 0.0230 0.83 1.00 1.40 200.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 9 253 24 -2.4 0.068 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.96 211.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 10 254 1 -3.0 0.072 -9.000 -9.000 -999. 47. 11.2 0.0230 0.83 1.00 1.18 205.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 10 254 2 -2.8 0.071 -9.000 -9.000 -999. 45. 11.4 0.0290 0.83 1.00 1.09 253.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 10 254 3 -4.0 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.83 1.00 1.38 187.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 10 254 4 -2.9 0.071 -9.000 -9.000 -999. 46. 11.1 0.0230 0.83 1.00 1.16 207.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 10 254 5 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.83 1.00 1.20 176.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 10 254 6 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0300 0.83 1.00 1.38 90.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 10 254 7 -3.1 0.085 -9.000 -9.000 -999. 59. 17.5 0.0290 0.83 0.43 1.37 83.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 10 254 8 10.7 0.110 -9.000 -9.000 -999. 87. -11.2 0.0300 0.83 0.25 1.31 99.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 10 254 9 25.6 0.088 -9.000 -9.000 -999. 63. -2.4 0.0290 0.83 0.19 0.87 74.0 10.0 286.4 2.0 0
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16 9 10 254 10 38.2 0.147 -9.000 -9.000 -999. 136. -7.6 0.0380 0.83 0.18 1.60 234.0 10.0 289.2 2.0 0
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16 9 10 254 11 46.3 0.243 -9.000 -9.000 -999. 287. -27.9 0.0230 0.83 0.17 3.29 207.0 10.0 289.2 2.0 0
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16 9 10 254 12 170.7 0.325 -9.000 -9.000 -999. 445. -18.2 0.0380 0.83 0.17 3.86 210.0 10.0 290.4 2.0 0
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16 9 10 254 13 171.4 0.351 -9.000 -9.000 -999. 500. -22.9 0.0380 0.83 0.17 4.26 219.0 10.0 290.4 2.0 0
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16 9 10 254 15 164.2 0.352 -9.000 -9.000 -999. 502. -24.1 0.0380 0.83 0.18 4.29 231.0 10.0 290.4 2.0 0
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16 9 10 254 16 119.0 0.348 -9.000 -9.000 -999. 492. -31.8 0.0380 0.83 0.19 4.32 225.0 10.0 289.2 2.0 0
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16 9 10 254 18 -7.1 0.221 -9.000 -9.000 -999. 251. 138.5 0.0380 0.83 0.39 3.20 217.0 10.0 287.0 2.0 0
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16 9 10 254 19 -14.3 0.159 -9.000 -9.000 -999. 154. 27.9 0.0380 0.83 1.00 2.40 228.0 10.0 287.0 2.0 0
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16 9 10 254 20 -7.5 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.83 1.00 1.76 215.0 10.0 286.4 2.0 0
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16 9 10 254 21 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.83 1.00 1.55 213.0 10.0 286.4 2.0 0
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16 9 10 254 22 -5.3 0.095 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.48 211.0 10.0 286.4 2.0 0
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16 9 10 254 23 -6.7 0.107 -9.000 -9.000 -999. 84. 16.6 0.0370 0.83 1.00 1.67 179.0 10.0 287.0 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 9 10 254 24 -5.5 0.097 -9.000 -9.000 -999. 73. 15.0 0.0370 0.83 1.00 1.52 176.0 10.0 286.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 9 11 255 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 100. 1013. 10 ADJ-SFC NoSubs
16 9 11 255 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 100. 1013. 10 ADJ-SFC NoSubs
16 9 11 255 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 100. 1013. 10 ADJ-SFC NoSubs
16 9 11 255 4 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.76 196.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-SFC NoSubs
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0.00 100. 1013. 10 ADJ-SFC NoSubs
16 9 11 255 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 100. 1013. 10 ADJ-SFC NoSubs
16 9 11 255 7 -8.0 0.146 -9.000 -9.000 -999. 133. 35.0 0.0230 0.83 0.43 2.36 187.0 10.0 285.9 2.0 0
0.00 100. 1013. 10 ADJ-SFC NoSubs
16 9 11 255 8 10.5 0.133 0.480 0.033 378. 116. -20.1 0.0230 0.83 0.25 1.76 189.0 10.0 285.9 2.0 0
0.00 100. 1014. 10 ADJ-SFC NoSubs
16 9 11 255 9 25.3 0.178 0.749 0.037 600. 180. -20.2 0.0230 0.83 0.20 2.36 187.0 10.0 286.4 2.0 0
0.00 100. 1014. 10 ADJ-SFC NoSubs
16 9 11 255 10 37.2 0.206 0.854 0.037 605. 225. -21.4 0.0380 0.83 0.18 2.49 219.0 10.0 287.0 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 9 11 255 11 45.7 0.259 0.917 0.037 611. 317. -34.5 0.0380 0.83 0.17 3.24 221.0 10.0 288.1 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
16 9 11 255 12 50.2 0.302 0.950 0.036 618. 398. -49.6 0.0380 0.83 0.17 3.86 233.0 10.0 289.2 2.0 0
0.00 77. 1014. 10 ADJ-A1 NoSubs
16 9 11 255 13 50.8 0.337 0.958 0.035 624. 470. -68.3 0.0380 0.83 0.17 4.39 232.0 10.0 290.4 2.0 0
0.00 72. 1013. 10 ADJ-A1 NoSubs
16 9 11 255 14 197.8 0.389 1.524 0.033 647. 581. -26.8 0.0380 0.83 0.17 4.77 222.0 10.0 291.4 2.0 0
0.00 69. 1012. 3 ADJ-A1 NoSubs
16 9 11 255 15 163.1 0.388 1.437 0.032 657. 579. -32.2 0.0380 0.83 0.18 4.82 229.0 10.0 290.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
16 9 11 255 16 99.4 0.399 1.222 0.030 663. 604. -57.5 0.0380 0.83 0.19 5.14 236.0 10.0 289.2 2.0 0
0.00 80. 1011. 7 ADJ-A1 NoSubs
16 9 11 255 17 13.1 0.333 0.623 0.030 664. 464. -253.3 0.0380 0.83 0.24 4.53 234.0 10.0 288.8 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 9 11 255 18 -7.7 0.235 -9.000 -9.000 -999. 278. 151.5 0.0380 0.83 0.40 3.39 236.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 Sub_CC
16 9 11 255 19 -14.3 0.158 -9.000 -9.000 -999. 153. 27.6 0.0290 0.83 1.00 2.50 240.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 9 11 255 20 -10.6 0.136 -9.000 -9.000 -999. 121. 21.7 0.0380 0.83 1.00 2.08 233.0 10.0 287.5 2.0 0

0.00 89. 1010. 10 ADJ-A1 NoSubs
16 9 11 255 21 -9.1 0.126 -9.000 -9.000 -999. 108. 20.0 0.0380 0.83 1.00 1.94 237.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
16 9 11 255 22 -6.5 0.105 -9.000 -9.000 -999. 82. 16.0 0.0290 0.83 1.00 1.71 267.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 9 11 255 23 -4.2 0.084 -9.000 -9.000 -999. 59. 12.9 0.0290 0.83 1.00 1.37 255.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
16 9 11 255 24 -6.9 0.109 -9.000 -9.000 -999. 86. 17.0 0.0380 0.83 1.00 1.69 231.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 1 -8.4 0.121 -9.000 -9.000 -999. 101. 19.0 0.0380 0.83 1.00 1.86 234.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 2 -14.9 0.163 -9.000 -9.000 -999. 158. 29.2 0.0380 0.83 1.00 2.45 237.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 3 -9.3 0.128 -9.000 -9.000 -999. 110. 20.2 0.0380 0.83 1.00 1.96 210.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 4 -8.6 0.123 -9.000 -9.000 -999. 103. 19.3 0.0380 0.83 1.00 1.89 236.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 9 12 256 5 -4.2 0.085 -9.000 -9.000 -999. 59. 12.9 0.0290 0.83 1.00 1.38 243.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
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0.00 92. 1008. 10 ADJ-A1 NoSubs
16 9 12 256 7 -8.3 0.150 -9.000 -9.000 -999. 139. 36.7 0.0380 0.83 0.44 2.23 236.0 10.0 286.4 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 8 10.6 0.227 0.474 0.027 359. 259. -98.5 0.0380 0.83 0.25 3.00 216.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 9 25.6 0.233 0.665 0.027 412. 270. -44.3 0.0380 0.83 0.20 2.96 230.0 10.0 288.1 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 10 37.5 0.285 0.786 0.028 465. 364. -55.2 0.0380 0.83 0.18 3.66 215.0 10.0 288.8 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 11 46.0 0.290 0.875 0.029 523. 376. -47.9 0.0230 0.83 0.17 4.07 207.0 10.0 289.9 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 12 50.6 0.390 0.951 0.030 612. 584. -105.4 0.0380 0.83 0.17 5.17 214.0 10.0 290.9 2.0 0
0.00 62. 1009. 10 ADJ-A1 NoSubs
16 9 12 256 13 50.8 0.404 0.960 0.030 626. 616. -116.8 0.0380 0.83 0.17 5.38 216.0 10.0 290.9 2.0 0
0.00 59. 1008. 10 ADJ-A1 NoSubs
16 9 12 256 14 46.6 0.382 0.939 0.029 638. 567. -107.5 0.0380 0.83 0.17 5.07 233.0 10.0 289.9 2.0 0
0.00 66. 1008. 10 ADJ-A1 NoSubs
16 9 12 256 15 39.1 0.387 0.890 0.029 649. 577. -132.9 0.0380 0.83 0.18 5.17 217.0 10.0 290.4 2.0 0
0.00 67. 1007. 10 ADJ-A1 NoSubs
16 9 12 256 16 27.1 0.414 0.791 0.029 655. 638. -234.3 0.0380 0.83 0.19 5.62 223.0 10.0 288.8 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
16 9 12 256 17 12.5 0.372 0.613 0.029 658. 546. -369.8 0.0380 0.83 0.24 5.10 228.0 10.0 288.1 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
16 9 12 256 18 -12.1 0.314 -9.000 -9.000 -999. 424. 229.9 0.0380 0.83 0.41 4.49 232.0 10.0 287.5 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
16 9 12 256 19 -24.0 0.245 -9.000 -9.000 -999. 294. 66.2 0.0380 0.83 1.00 3.61 238.0 10.0 287.5 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
16 9 12 256 20 -21.0 0.214 -9.000 -9.000 -999. 238. 50.4 0.0380 0.83 1.00 3.17 239.0 10.0 287.5 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
16 9 12 256 21 -18.5 0.189 -9.000 -9.000 -999. 197. 39.1 0.0380 0.83 1.00 2.81 216.0 10.0 287.5 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
16 9 12 256 22 -16.9 0.174 -9.000 -9.000 -999. 175. 33.4 0.0380 0.83 1.00 2.61 228.0 10.0 287.5 2.0 0
0.00 71. 1006. 10 ADJ-A1 NoSubs
16 9 12 256 23 -11.0 0.140 -9.000 -9.000 -999. 126. 22.3 0.0380 0.83 1.00 2.13 218.0 10.0 287.5 2.0 0

0.00 77. 1006. 10 ADJ-A1 NoSubs
16 9 12 256 24 -12.0 0.146 -9.000 -9.000 -999. 135. 23.6 0.0380 0.83 1.00 2.22 215.0 10.0 287.5 2.0 0
0.00 71. 1006. 10 ADJ-A1 NoSubs
16 9 13 257 1 -13.8 0.157 -9.000 -9.000 -999. 150. 27.2 0.0380 0.83 1.00 2.37 236.0 10.0 288.1 2.0 0
0.00 68. 1005. 10 ADJ-A1 NoSubs
16 9 13 257 2 -20.2 0.206 -9.000 -9.000 -999. 225. 46.8 0.0380 0.83 1.00 3.06 211.0 10.0 287.5 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
16 9 13 257 3 -27.5 0.281 -9.000 -9.000 -999. 358. 87.1 0.0230 0.83 1.00 4.49 188.0 10.0 287.5 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
16 9 13 257 4 -27.0 0.276 -9.000 -9.000 -999. 348. 83.9 0.0230 0.83 1.00 4.41 186.0 10.0 287.5 2.0 0
0.00 83. 1005. 10 ADJ-A1 NoSubs
16 9 13 257 5 -16.1 0.169 -9.000 -9.000 -999. 173. 31.5 0.0340 0.83 1.00 2.59 141.0 10.0 287.1 2.0 0
0.00 71. 1006. 10 ADJ-A1 NoSubs
16 9 13 257 6 -5.9 0.101 -9.000 -9.000 -999. 78. 15.5 0.0340 0.83 1.00 1.60 129.0 10.0 287.0 2.0 0
0.00 68. 1006. 10 ADJ-A1 NoSubs
16 9 13 257 7 -5.7 0.115 -9.000 -9.000 -999. 93. 23.9 0.0290 0.83 0.44 1.82 72.0 10.0 287.0 2.0 0
0.00 71. 1007. 10 ADJ-A1 NoSubs
16 9 13 257 8 10.6 0.175 0.486 0.005 390. 176. -45.4 0.0300 0.83 0.25 2.33 92.0 10.0 287.5 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
16 9 13 257 9 25.2 0.163 0.805 0.007 742. 157. -15.3 0.0290 0.83 0.20 2.01 68.0 10.0 287.5 2.0 0
0.00 71. 1008. 10 ADJ-A1 NoSubs
16 9 13 257 10 37.1 0.137 0.951 0.009 835. 122. -6.2 0.0310 0.83 0.18 1.52 6.0 10.0 288.1 2.0 0
0.00 68. 1008. 10 ADJ-A1 NoSubs
16 9 13 257 11 45.8 0.166 1.060 0.014 938. 163. -9.0 0.0380 0.83 0.17 1.84 342.0 10.0 289.9 2.0 0
0.00 61. 1009. 10 ADJ-A1 NoSubs
16 9 13 257 12 50.5 0.170 1.134 0.018 1041. 168. -8.7 0.0330 0.83 0.17 1.93 305.0 10.0 291.4 2.0 0
0.00 53. 1009. 10 ADJ-A1 NoSubs
16 9 13 257 13 170.1 0.378 1.764 0.019 1162. 558. -28.5 0.0380 0.83 0.17 4.66 230.0 10.0 293.8 2.0 0
0.00 50. 1009. 7 ADJ-A1 NoSubs
16 9 13 257 14 192.2 0.417 1.861 0.018 1209. 647. -34.0 0.0380 0.83 0.17 5.21 231.0 10.0 293.1 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
16 9 13 257 15 161.2 0.396 1.761 0.017 1220. 599. -34.7 0.0290 0.83 0.18 5.22 246.0 10.0 293.1 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
16 9 13 257 16 115.2 0.402 1.578 0.016 1228. 611. -50.6 0.0380 0.83 0.19 5.14 238.0 10.0 292.0 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
16 9 13 257 17 57.0 0.335 1.249 0.016 1232. 467. -59.1 0.0380 0.83 0.24 4.32 233.0 10.0 290.9 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
16 9 13 257 18 -5.3 0.248 -9.000 -9.000 -999. 300. 260.2 0.0290 0.83 0.41 3.71 247.0 10.0 289.2 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
16 9 13 257 19 -14.9 0.162 -9.000 -9.000 -999. 159. 28.8 0.0290 0.83 1.00 2.55 261.0 10.0 288.1 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
16 9 13 257 20 -6.5 0.105 -9.000 -9.000 -999. 82. 15.9 0.0260 0.83 1.00 1.74 292.0 10.0 287.5 2.0 0
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16 9 13 257 21 -7.2 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.76 313.0 10.0 285.9 2.0 0
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16 9 13 257 22 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.83 1.00 1.74 313.0 10.0 285.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 9 13 257 23 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 315.0 10.0 284.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 9 13 257 24 -14.0 0.156 -9.000 -9.000 -999. 149. 26.9 0.0330 0.83 1.00 2.42 314.0 10.0 284.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 1 -12.6 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.83 1.00 2.30 314.0 10.0 284.2 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 2 -9.5 0.128 -9.000 -9.000 -999. 110. 19.9 0.0330 0.83 1.00 2.01 314.0 10.0 284.2 2.0 0

0.00 92. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 3 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0330 0.83 1.00 1.55 325.0 10.0 283.8 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 4 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0330 0.83 1.00 1.60 313.0 10.0 283.1 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 5 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0330 0.83 1.00 1.42 310.0 10.0 283.1 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 6 -6.3 0.103 -9.000 -9.000 -999. 80. 15.8 0.0330 0.83 1.00 1.65 314.0 10.0 283.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 9 14 258 7 -3.8 0.100 -9.000 -9.000 -999. 76. 23.4 0.0330 0.83 0.45 1.55 315.0 10.0 284.2 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 9 14 258 8 49.3 0.145 0.895 0.011 525. 132. -5.6 0.0370 0.83 0.25 1.52 150.0 10.0 286.4 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
16 9 14 258 9 109.0 0.137 1.271 0.013 682. 122. -2.2 0.0340 0.83 0.20 1.28 127.0 10.0 289.9 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
16 9 14 258 10 157.0 0.171 1.483 0.014 752. 170. -2.9 0.0340 0.83 0.18 1.67 128.0 10.0 293.1 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
16 9 14 258 11 189.7 0.199 1.628 0.013 824. 213. -3.8 0.0340 0.83 0.17 2.02 137.0 10.0 294.2 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
16 9 14 258 12 206.8 0.362 1.722 0.013 894. 522. -20.6 0.0380 0.83 0.17 4.34 213.0 10.0 295.4 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
16 9 14 258 13 207.3 0.398 1.764 0.012 958. 603. -27.6 0.0380 0.83 0.17 4.90 232.0 10.0 295.4 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
16 9 14 258 14 191.2 0.482 1.749 0.011 1012. 804. -53.0 0.0380 0.83 0.17 6.19 231.0 10.0 293.8 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
16 9 14 258 15 160.0 0.416 1.717 0.010 1144. 648. -40.7 0.0380 0.83 0.18 5.26 235.0 10.0 293.8 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 16 114.1 0.337 1.542 0.009 1160. 473. -30.2 0.0380 0.83 0.19 4.17 234.0 10.0 293.1 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 17 55.8 0.296 1.217 0.009 1167. 388. -42.0 0.0380 0.83 0.25 3.75 232.0 10.0 292.0 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 18 -4.2 0.162 -9.000 -9.000 -999. 168. 91.2 0.0230 0.83 0.42 2.57 204.0 10.0 289.9 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 19 -13.8 0.156 -9.000 -9.000 -999. 148. 26.9 0.0370 0.83 1.00 2.37 173.0 10.0 288.1 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 9 14 258 20 -17.2 0.175 -9.000 -9.000 -999. 176. 33.6 0.0340 0.83 1.00 2.67 135.0 10.0 287.5 2.0 0
0.00 93. 1013. 0 ADJ-A1 NoSubs
16 9 14 258 21 -9.6 0.128 -9.000 -9.000 -999. 111. 19.9 0.0290 0.83 1.00 2.06 80.0 10.0 287.5 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 9 14 258 22 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0310 0.83 1.00 1.86 6.0 10.0 286.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 9 14 258 23 -10.4 0.135 -9.000 -9.000 -999. 119. 21.4 0.0380 0.83 1.00 2.06 338.0 10.0 285.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 9 14 258 24 -13.7 0.155 -9.000 -9.000 -999. 147. 26.5 0.0330 0.83 1.00 2.40 329.0 10.0 285.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 1 -13.2 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.83 1.00 2.35 318.0 10.0 284.2 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 2 -8.2 0.118 -9.000 -9.000 -999. 98. 18.3 0.0330 0.83 1.00 1.87 303.0 10.0 284.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 3 -9.8 0.130 -9.000 -9.000 -999. 112. 20.2 0.0330 0.83 1.00 2.04 306.0 10.0 283.8 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 4 -4.7 0.090 -9.000 -9.000 -999. 65. 13.7 0.0330 0.83 1.00 1.43 315.0 10.0 282.5 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 5 -5.4 0.096 -9.000 -9.000 -999. 71. 14.6 0.0330 0.83 1.00 1.53 318.0 10.0 282.0 2.0 0

0.00 95. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 6 -6.8 0.107 -9.000 -9.000 -999. 84. 16.4 0.0330 0.83 1.00 1.71 304.0 10.0 282.5 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 7 -3.2 0.089 -9.000 -9.000 -999. 64. 20.3 0.0330 0.83 0.45 1.40 301.0 10.0 284.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 8 48.7 0.102 0.764 0.025 330. 78. -2.0 0.0370 0.83 0.26 0.92 175.0 10.0 287.5 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 9 108.2 0.154 1.022 0.022 356. 144. -3.0 0.0370 0.83 0.20 1.48 159.0 10.0 290.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
16 9 15 259 10 156.0 0.174 1.191 0.019 391. 174. -3.0 0.0340 0.83 0.18 1.71 120.0 10.0 293.1 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 11 188.9 0.274 1.310 0.016 430. 344. -9.8 0.0370 0.83 0.17 3.08 176.0 10.0 294.9 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
16 9 15 259 12 206.2 0.310 1.413 0.013 494. 414. -13.0 0.0230 0.83 0.17 3.95 188.0 10.0 296.4 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
16 9 15 259 13 206.7 0.298 1.505 0.010 595. 391. -11.6 0.0230 0.83 0.17 3.76 189.0 10.0 296.4 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
16 9 15 259 14 190.9 0.317 1.530 0.008 677. 428. -15.0 0.0230 0.83 0.17 4.09 193.0 10.0 295.9 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
16 9 15 259 15 158.6 0.336 1.479 0.006 736. 467. -21.5 0.0370 0.83 0.18 4.07 164.0 10.0 293.8 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
16 9 15 259 16 112.3 0.284 1.335 0.005 764. 365. -18.4 0.0340 0.83 0.20 3.46 125.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
16 9 15 259 17 53.4 0.343 1.047 0.005 774. 482. -67.9 0.0300 0.83 0.25 4.66 118.0 10.0 290.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
16 9 15 259 18 -9.6 0.293 -9.000 -9.000 -999. 382. 236.7 0.0340 0.83 0.43 4.27 125.0 10.0 288.1 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
16 9 15 259 19 -23.8 0.242 -9.000 -9.000 -999. 286. 64.2 0.0300 0.83 1.00 3.71 118.0 10.0 287.0 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
16 9 15 259 20 -17.3 0.175 -9.000 -9.000 -999. 177. 33.7 0.0300 0.83 1.00 2.73 111.0 10.0 286.4 2.0 0
0.00 96. 1010. 7 ADJ-A1 NoSubs
16 9 15 259 21 -13.9 0.156 -9.000 -9.000 -999. 148. 26.7 0.0300 0.83 1.00 2.45 101.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 9 15 259 22 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0330 0.83 1.00 1.79 53.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 9 15 259 23 -4.3 0.086 -9.000 -9.000 -999. 61. 13.2 0.0330 0.83 1.00 1.37 37.0 10.0 285.9 2.0 0
0.00 96. 1010. 7 ADJ-A1 NoSubs
16 9 15 259 24 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.83 1.00 1.23 11.0 10.0 285.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
16 9 16 260 1 -2.2 0.066 -9.000 -9.000 -999. 41. 11.6 0.0330 0.83 1.00 0.92 300.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 2 -2.4 0.068 -9.000 -9.000 -999. 42. 11.5 0.0330 0.83 1.00 0.97 36.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 3 -1.9 0.064 -9.000 -9.000 -999. 39. 12.3 0.0380 0.83 1.00 0.80 218.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 4 -3.3 0.077 -9.000 -9.000 -999. 51. 12.2 0.0380 0.83 1.00 1.16 344.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 5 -4.2 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.83 1.00 1.31 335.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 6 -3.1 0.074 -9.000 -9.000 -999. 48. 11.7 0.0310 0.83 1.00 1.14 25.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 7 -3.6 0.087 -9.000 -9.000 -999. 61. 16.6 0.0380 0.83 0.45 1.35 354.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 8 9.0 0.081 0.414 0.032 285. 55. -5.3 0.0310 0.83 0.26 0.88 27.0 10.0 284.2 2.0 0

0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 9 23.8 0.113 0.631 0.032 380. 91. -5.5 0.0340 0.83 0.20 1.21 122.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 10 151.1 0.141 1.317 0.031 545. 127. -1.7 0.0370 0.83 0.18 1.23 168.0 10.0 288.8 2.0 0
0.00 79. 1010. 5 ADJ-A1 NoSubs
16 9 16 260 11 186.9 0.178 1.433 0.028 568. 180. -2.7 0.0370 0.83 0.17 1.69 152.0 10.0 292.5 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
16 9 16 260 12 203.6 0.303 1.487 0.025 583. 401. -12.4 0.0370 0.83 0.17 3.49 167.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
16 9 16 260 13 203.9 0.309 1.500 0.022 597. 411. -13.0 0.0230 0.83 0.17 3.93 189.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
16 9 16 260 14 188.3 0.321 1.471 0.019 609. 437. -15.9 0.0230 0.83 0.17 4.17 197.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
16 9 16 260 15 156.6 0.295 1.392 0.017 620. 386. -14.8 0.0230 0.83 0.18 3.81 191.0 10.0 292.5 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
16 9 16 260 16 110.5 0.269 1.244 0.016 627. 335. -15.8 0.0370 0.83 0.20 3.17 175.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
16 9 16 260 17 51.4 0.292 0.965 0.015 629. 379. -43.7 0.0370 0.83 0.25 3.73 178.0 10.0 289.2 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
16 9 16 260 18 -8.9 0.228 -9.000 -9.000 -999. 263. 120.1 0.0370 0.83 0.44 3.32 169.0 10.0 286.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
16 9 16 260 19 -17.9 0.181 -9.000 -9.000 -999. 186. 36.1 0.0370 0.83 1.00 2.72 171.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 16 260 20 -6.1 0.102 -9.000 -9.000 -999. 80. 15.5 0.0300 0.83 1.00 1.65 110.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 9 16 260 21 -2.2 0.065 -9.000 -9.000 -999. 40. 11.4 0.0290 0.83 1.00 0.92 74.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 22 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.83 1.00 1.14 38.0 10.0 285.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 23 -2.8 0.071 -9.000 -9.000 -999. 45. 11.6 0.0330 0.83 1.00 1.06 35.0 10.0 285.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 16 260 24 -2.2 0.065 -9.000 -9.000 -999. 40. 11.5 0.0310 0.83 1.00 0.91 19.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 17 261 1 -1.7 0.061 -9.000 -9.000 -999. 36. 12.3 0.0310 0.83 1.00 0.75 5.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 17 261 2 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.83 1.00 1.45 330.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 17 261 3 -3.1 0.074 -9.000 -9.000 -999. 48. 11.6 0.0290 0.83 1.00 1.16 255.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 17 261 4 -1.2 0.057 -9.000 -9.000 -999. 33. 13.6 0.0260 0.83 1.00 0.60 270.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 17 261 5 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0330 0.83 1.00 1.31 303.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 17 261 6 -3.9 0.082 -9.000 -9.000 -999. 56. 12.6 0.0310 0.83 1.00 1.31 13.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 17 261 7 -6.2 0.113 -9.000 -9.000 -999. 91. 21.0 0.0260 0.83 0.46 1.84 294.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 17 261 8 43.9 0.132 0.679 0.042 257. 115. -4.7 0.0340 0.83 0.26 1.38 122.0 10.0 284.9 2.0 0
0.00 96. 1011. 7 ADJ-A1 NoSubs
16 9 17 261 9 105.6 0.149 0.962 0.039 304. 138. -2.8 0.0340 0.83 0.20 1.45 135.0 10.0 288.1 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
16 9 17 261 10 153.8 0.161 1.148 0.035 355. 155. -2.4 0.0340 0.83 0.18 1.53 134.0 10.0 292.5 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
16 9 17 261 11 188.2 0.179 1.252 0.030 376. 182. -2.7 0.0300 0.83 0.17 1.79 117.0 10.0 297.5 2.0 0

0.00 44. 1010. 0 ADJ-A1 NoSubs
16 9 17 261 12 205.5 0.241 1.314 0.026 398. 284. -6.1 0.0340 0.83 0.17 2.61 149.0 10.0 299.2 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
16 9 17 261 13 205.5 0.301 1.345 0.022 426. 397. -12.0 0.0230 0.83 0.17 3.81 188.0 10.0 298.8 2.0 0
0.00 42. 1009. 0 ADJ-A1 NoSubs
16 9 17 261 14 189.4 0.310 1.342 0.018 459. 414. -14.1 0.0370 0.83 0.17 3.61 178.0 10.0 298.1 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
16 9 17 261 15 157.5 0.329 1.282 0.015 482. 453. -20.4 0.0370 0.83 0.18 3.97 170.0 10.0 297.5 2.0 0
0.00 39. 1009. 0 ADJ-A1 NoSubs
16 9 17 261 16 109.3 0.319 1.145 0.014 494. 432. -26.6 0.0370 0.83 0.20 3.93 161.0 10.0 293.1 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
16 9 17 261 17 49.7 0.303 0.883 0.013 498. 401. -50.5 0.0370 0.83 0.25 3.90 162.0 10.0 289.2 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
16 9 17 261 18 -12.8 0.216 -9.000 -9.000 -999. 244. 70.9 0.0370 0.83 0.45 3.18 165.0 10.0 286.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 17 261 19 -15.4 0.166 -9.000 -9.000 -999. 162. 30.2 0.0370 0.83 1.00 2.50 155.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 17 261 20 -9.3 0.127 -9.000 -9.000 -999. 109. 19.9 0.0340 0.83 1.00 1.99 121.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 17 261 21 -3.2 0.075 -9.000 -9.000 -999. 50. 11.8 0.0300 0.83 1.00 1.18 91.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 9 17 261 22 -2.8 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.83 1.00 1.08 39.0 10.0 285.9 2.0 0
0.00 100. 1009. 3 ADJ-A1 NoSubs
16 9 17 261 23 -2.8 0.071 -9.000 -9.000 -999. 46. 11.5 0.0310 0.83 1.00 1.09 27.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 17 261 24 -2.0 0.064 -9.000 -9.000 -999. 39. 11.6 0.0310 0.83 1.00 0.87 2.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 9 18 262 1 -1.8 0.062 -9.000 -9.000 -999. 37. 11.9 0.0290 0.83 1.00 0.80 269.0 10.0 283.8 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
16 9 18 262 2 -2.0 0.063 -9.000 -9.000 -999. 38. 11.3 0.0260 0.83 1.00 0.89 278.0 10.0 283.1 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
16 9 18 262 3 -2.0 0.063 -9.000 -9.000 -999. 38. 11.4 0.0260 0.83 1.00 0.87 280.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 9 18 262 4 -2.7 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.83 1.00 1.01 346.0 10.0 282.5 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
16 9 18 262 5 -2.3 0.067 -9.000 -9.000 -999. 42. 11.9 0.0380 0.83 1.00 0.91 352.0 10.0 282.0 2.0 0
0.00 100. 1008. 5 ADJ-A1 NoSubs
16 9 18 262 6 -2.2 0.066 -9.000 -9.000 -999. 41. 11.9 0.0380 0.83 1.00 0.89 338.0 10.0 282.5 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
16 9 18 262 7 -2.4 0.074 -9.000 -9.000 -999. 49. 15.8 0.0380 0.83 0.46 1.16 346.0 10.0 284.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
16 9 18 262 8 47.0 0.109 0.558 0.032 133. 86. -2.5 0.0380 0.83 0.26 1.01 337.0 10.0 290.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
16 9 18 262 9 107.6 0.118 0.860 0.029 213. 97. -1.4 0.0330 0.83 0.20 1.03 313.0 10.0 295.4 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
16 9 18 262 10 156.5 0.159 1.056 0.025 271. 152. -2.3 0.0340 0.83 0.18 1.50 123.0 10.0 299.9 2.0 0
0.00 35. 1009. 0 ADJ-A1 NoSubs
16 9 18 262 11 190.9 0.183 1.204 0.020 329. 188. -2.9 0.0340 0.83 0.17 1.79 121.0 10.0 303.8 2.0 0
0.00 23. 1008. 0 ADJ-A1 NoSubs
16 9 18 262 12 208.8 0.217 1.316 0.015 392. 243. -4.4 0.0340 0.83 0.17 2.25 137.0 10.0 305.9 2.0 0
0.00 24. 1008. 0 ADJ-A1 NoSubs
16 9 18 262 13 208.9 0.288 1.452 0.012 527. 370. -10.2 0.0230 0.83 0.17 3.58 193.0 10.0 305.9 2.0 0
0.00 19. 1007. 0 ADJ-A1 Sub_TT
16 9 18 262 14 193.0 0.302 1.443 0.010 560. 399. -12.8 0.0380 0.83 0.17 3.47 230.0 10.0 305.9 2.0 0

0.00 17. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 15 162.2 0.261 1.403 0.007 612. 320. -9.8 0.0230 0.83 0.18 3.23 187.0 10.0 307.0 2.0 0
0.00 15. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 16 110.2 0.352 1.253 0.007 642. 502. -35.6 0.0340 0.83 0.20 4.51 144.0 10.0 298.1 2.0 0
0.00 47. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 17 50.0 0.284 0.970 0.006 655. 366. -41.1 0.0370 0.83 0.26 3.61 166.0 10.0 294.2 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 18 -9.1 0.206 -9.000 -9.000 -999. 226. 85.9 0.0230 0.83 0.46 3.27 184.0 10.0 290.9 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 19 -12.5 0.147 -9.000 -9.000 -999. 136. 23.7 0.0230 0.83 1.00 2.42 183.0 10.0 289.2 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 20 -3.1 0.075 -9.000 -9.000 -999. 51. 12.1 0.0380 0.83 1.00 1.13 213.0 10.0 289.2 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 21 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0330 0.83 1.00 1.42 307.0 10.0 289.2 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 22 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.83 1.00 1.28 306.0 10.0 289.2 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 23 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.97 345.0 10.0 289.2 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 9 18 262 24 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0330 0.83 1.00 1.18 317.0 10.0 288.1 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 1 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0330 0.83 1.00 1.42 325.0 10.0 287.5 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 2 -5.5 0.096 -9.000 -9.000 -999. 71. 14.5 0.0260 0.83 1.00 1.60 281.0 10.0 287.5 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 3 -4.9 0.092 -9.000 -9.000 -999. 67. 14.1 0.0330 0.83 1.00 1.47 315.0 10.0 287.5 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 4 -4.3 0.086 -9.000 -9.000 -999. 61. 13.2 0.0330 0.83 1.00 1.37 301.0 10.0 285.4 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 5 -8.6 0.123 -9.000 -9.000 -999. 103. 19.3 0.0380 0.83 1.00 1.89 333.0 10.0 286.4 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 6 -6.2 0.103 -9.000 -9.000 -999. 80. 15.9 0.0330 0.83 1.00 1.65 329.0 10.0 287.0 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 7 -4.5 0.104 -9.000 -9.000 -999. 80. 22.5 0.0330 0.83 0.47 1.62 327.0 10.0 288.8 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
16 9 19 263 8 47.5 0.123 0.509 0.022 99. 103. -3.5 0.0290 0.83 0.26 1.28 260.0 10.0 293.8 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
16 9 19 263 9 107.2 0.167 0.789 0.017 165. 165. -3.9 0.0340 0.83 0.20 1.71 127.0 10.0 296.4 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
16 9 19 263 10 155.1 0.231 1.057 0.012 274. 266. -7.1 0.0370 0.83 0.18 2.50 157.0 10.0 299.2 2.0 0
0.00 38. 1009. 0 ADJ-A1 NoSubs
16 9 19 263 11 188.1 0.303 1.352 0.009 474. 400. -13.3 0.0380 0.83 0.17 3.49 222.0 10.0 300.9 2.0 0
0.00 28. 1009. 0 ADJ-A1 NoSubs
16 9 19 263 12 203.2 0.325 1.476 0.006 570. 446. -15.3 0.0290 0.83 0.17 4.02 240.0 10.0 299.2 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
16 9 19 263 13 204.3 0.351 1.586 0.005 703. 500. -19.1 0.0380 0.83 0.17 4.19 239.0 10.0 300.9 2.0 0
0.00 33. 1008. 0 ADJ-A1 NoSubs
16 9 19 263 14 188.6 0.293 1.656 0.005 867. 383. -12.0 0.0230 0.83 0.17 3.71 201.0 10.0 301.4 2.0 0
0.00 35. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 15 155.9 0.326 1.695 0.005 1125. 446. -19.9 0.0230 0.83 0.18 4.31 188.0 10.0 299.9 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 16 109.5 0.317 1.572 0.005 1275. 428. -26.0 0.0370 0.83 0.20 3.90 176.0 10.0 299.9 2.0 0
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16 9 19 263 17 48.3 0.259 1.200 0.005 1285. 317. -32.1 0.0230 0.83 0.26 3.54 194.0 10.0 294.2 2.0 0

0.00 67. 1007. 0 ADJ-A1 NoSubs
16 9 19 263 18 -9.9 0.204 -9.000 -9.000 -999. 222. 76.8 0.0230 0.83 0.46 3.25 191.0 10.0 290.9 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
16 9 19 263 19 -12.8 0.148 -9.000 -9.000 -999. 137. 24.1 0.0230 0.83 1.00 2.44 195.0 10.0 288.1 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
16 9 19 263 20 -16.0 0.166 -9.000 -9.000 -999. 163. 30.4 0.0230 0.83 1.00 2.72 197.0 10.0 287.5 2.0 0
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16 9 19 263 21 -11.3 0.141 -9.000 -9.000 -999. 128. 22.5 0.0380 0.83 1.00 2.15 224.0 10.0 287.5 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 19 263 22 -5.6 0.098 -9.000 -9.000 -999. 74. 15.3 0.0380 0.83 1.00 1.53 233.0 10.0 287.5 2.0 0
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16 9 19 263 23 -6.9 0.110 -9.000 -9.000 -999. 87. 17.1 0.0380 0.83 1.00 1.70 222.0 10.0 287.0 2.0 0
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16 9 19 263 24 -8.7 0.123 -9.000 -9.000 -999. 103. 19.3 0.0380 0.83 1.00 1.89 220.0 10.0 287.0 2.0 0
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16 9 20 264 1 -4.7 0.088 -9.000 -9.000 -999. 63. 13.3 0.0260 0.83 1.00 1.47 281.0 10.0 287.0 2.0 0
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16 9 20 264 2 -8.5 0.121 -9.000 -9.000 -999. 101. 18.8 0.0330 0.83 1.00 1.91 323.0 10.0 287.5 2.0 0
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0.00 96. 1010. 10 ADJ-A1 NoSubs
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0.00 96. 1010. 10 ADJ-A1 NoSubs
16 9 20 264 8 50.0 0.120 0.678 0.025 225. 100. -3.1 0.0330 0.83 0.26 1.20 37.0 10.0 288.1 2.0 0
0.00 89. 1010. 3 ADJ-A1 NoSubs
16 9 20 264 9 103.9 0.123 0.912 0.023 263. 103. -1.6 0.0340 0.83 0.20 1.09 135.0 10.0 291.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
16 9 20 264 10 151.3 0.165 1.093 0.019 311. 161. -2.7 0.0340 0.83 0.18 1.60 127.0 10.0 293.8 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
16 9 20 264 11 184.8 0.222 1.307 0.018 435. 251. -5.3 0.0340 0.83 0.17 2.36 125.0 10.0 297.0 2.0 0
0.00 999. 1009. 0 ADJ-A1 Sub_CC
16 9 20 264 12 200.8 0.320 1.414 0.016 507. 434. -14.6 0.0380 0.83 0.17 3.72 219.0 10.0 297.0 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
16 9 20 264 13 199.9 0.321 1.466 0.014 567. 437. -14.9 0.0380 0.83 0.17 3.74 226.0 10.0 295.1 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
16 9 20 264 14 182.9 0.310 1.503 0.013 669. 415. -14.7 0.0230 0.83 0.17 4.00 191.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
16 9 20 264 15 150.7 0.248 1.426 0.011 692. 298. -9.1 0.0230 0.83 0.18 3.05 182.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
16 9 20 264 16 103.6 0.324 1.268 0.010 707. 442. -29.4 0.0370 0.83 0.20 4.02 175.0 10.0 290.9 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
16 9 20 264 17 44.4 0.284 0.958 0.010 712. 363. -46.1 0.0370 0.83 0.26 3.63 179.0 10.0 288.8 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
16 9 20 264 18 -6.1 0.184 -9.000 -9.000 -999. 195. 93.1 0.0230 0.83 0.47 2.93 182.0 10.0 287.0 2.0 0
0.00 96. 1008. 5 ADJ-A1 NoSubs
16 9 20 264 19 -15.2 0.165 -9.000 -9.000 -999. 161. 29.9 0.0370 0.83 1.00 2.49 159.0 10.0 287.0 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 9 20 264 20 -10.9 0.137 -9.000 -9.000 -999. 122. 21.4 0.0300 0.83 1.00 2.18 114.0 10.0 287.0 2.0 0

0.00 96. 1008. 3 ADJ-A1 NoSubs
16 9 20 264 21 -6.0 0.100 -9.000 -9.000 -999. 77. 15.3 0.0290 0.83 1.00 1.64 85.0 10.0 287.5 2.0 0
0.00 93. 1008. 0 ADJ-A1 NoSubs
16 9 20 264 22 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0330 0.83 1.00 1.59 36.0 10.0 287.5 2.0 0
0.00 93. 1008. 0 ADJ-A1 NoSubs
16 9 20 264 23 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.83 1.00 1.28 40.0 10.0 287.5 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
16 9 20 264 24 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.97 343.0 10.0 287.0 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
16 9 21 265 1 -3.1 0.074 -9.000 -9.000 -999. 48. 11.6 0.0290 0.83 1.00 1.16 246.0 10.0 286.4 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
16 9 21 265 2 -6.0 0.100 -9.000 -9.000 -999. 76. 15.3 0.0290 0.83 1.00 1.64 89.0 10.0 287.0 2.0 0
0.00 96. 1008. 7 ADJ-A1 NoSubs
16 9 21 265 3 -7.1 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.76 52.0 10.0 287.5 2.0 0
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16 9 21 265 4 -14.0 0.156 -9.000 -9.000 -999. 148. 26.9 0.0290 0.83 1.00 2.47 80.0 10.0 287.5 2.0 0
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16 9 21 265 5 -17.1 0.174 -9.000 -9.000 -999. 175. 33.4 0.0300 0.83 1.00 2.72 96.0 10.0 287.0 2.0 0
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16 9 21 265 6 -8.0 0.117 -9.000 -9.000 -999. 97. 18.0 0.0290 0.83 1.00 1.89 68.0 10.0 287.0 2.0 0
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16 9 21 265 7 -5.4 0.106 -9.000 -9.000 -999. 83. 19.9 0.0310 0.83 0.48 1.69 29.0 10.0 287.5 2.0 0
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16 9 21 265 8 23.5 0.149 0.576 0.023 291. 138. -12.7 0.0290 0.83 0.26 1.81 88.0 10.0 287.5 2.0 0
0.00 89. 1009. 9 ADJ-A1 Sub_CC
16 9 21 265 9 87.7 0.156 0.986 0.022 394. 148. -3.9 0.0300 0.83 0.20 1.64 100.0 10.0 289.2 2.0 0
0.00 77. 1010. 7 ADJ-A1 NoSubs
16 9 21 265 10 153.5 0.179 1.303 0.021 520. 181. -3.4 0.0300 0.83 0.18 1.84 117.0 10.0 290.9 2.0 0
0.00 72. 1010. 3 ADJ-A1 NoSubs
16 9 21 265 11 185.5 0.250 1.419 0.019 555. 300. -7.6 0.0370 0.83 0.17 2.73 154.0 10.0 292.5 2.0 0
0.00 67. 1009. 3 ADJ-A1 NoSubs
16 9 21 265 12 197.4 0.266 1.463 0.016 572. 329. -8.5 0.0370 0.83 0.17 2.94 162.0 10.0 292.0 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
16 9 21 265 13 198.0 0.313 1.479 0.014 589. 420. -13.9 0.0370 0.83 0.17 3.64 167.0 10.0 293.8 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
16 9 21 265 14 182.2 0.250 1.451 0.011 604. 302. -7.7 0.0340 0.83 0.17 2.79 131.0 10.0 294.9 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
16 9 21 265 15 150.2 0.310 1.375 0.009 623. 415. -17.9 0.0300 0.83 0.18 3.86 107.0 10.0 294.9 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
16 9 21 265 16 103.4 0.273 1.226 0.008 642. 344. -17.8 0.0300 0.83 0.20 3.40 108.0 10.0 294.2 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
16 9 21 265 17 44.9 0.227 0.933 0.008 650. 260. -23.4 0.0290 0.83 0.27 2.91 75.0 10.0 294.2 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
16 9 21 265 18 -12.0 0.212 -9.000 -9.000 -999. 234. 71.3 0.0330 0.83 0.48 3.18 51.0 10.0 291.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
16 9 21 265 19 -17.3 0.177 -9.000 -9.000 -999. 180. 34.6 0.0330 0.83 1.00 2.72 49.0 10.0 289.2 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
16 9 21 265 20 -8.7 0.122 -9.000 -9.000 -999. 103. 19.1 0.0330 0.83 1.00 1.93 50.0 10.0 287.5 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
16 9 21 265 21 -7.0 0.110 -9.000 -9.000 -999. 87. 16.8 0.0310 0.83 1.00 1.76 19.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
16 9 21 265 22 -5.5 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.83 1.00 1.52 341.0 10.0 285.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
16 9 21 265 23 -7.7 0.115 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.82 315.0 10.0 284.2 2.0 0

0.00 89. 1010. 0 ADJ-A1 NoSubs
16 9 21 265 24 -8.2 0.118 -9.000 -9.000 -999. 98. 18.2 0.0330 0.83 1.00 1.87 317.0 10.0 283.1 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
16 9 22 266 1 -8.7 0.122 -9.000 -9.000 -999. 103. 18.9 0.0330 0.83 1.00 1.93 315.0 10.0 282.5 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
16 9 22 266 2 -10.4 0.134 -9.000 -9.000 -999. 118. 20.8 0.0330 0.83 1.00 2.10 312.0 10.0 282.0 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
16 9 22 266 3 -11.1 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.16 311.0 10.0 281.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
16 9 22 266 4 -9.0 0.124 -9.000 -9.000 -999. 105. 19.2 0.0330 0.83 1.00 1.96 316.0 10.0 281.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
16 9 22 266 5 -10.6 0.135 -9.000 -9.000 -999. 119. 20.9 0.0330 0.83 1.00 2.11 310.0 10.0 281.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 9 22 266 6 -10.5 0.134 -9.000 -9.000 -999. 118. 20.8 0.0330 0.83 1.00 2.10 315.0 10.0 280.9 2.0 0
0.00 95. 1011. 5 ADJ-A1 NoSubs
16 9 22 266 7 -8.7 0.139 -9.000 -9.000 -999. 124. 27.8 0.0330 0.83 0.48 2.13 307.0 10.0 282.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 9 22 266 8 42.0 0.135 0.707 0.005 303. 119. -5.2 0.0310 0.83 0.27 1.46 10.0 10.0 286.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
16 9 22 266 9 101.0 0.133 1.140 0.008 530. 117. -2.1 0.0300 0.83 0.20 1.28 114.0 10.0 288.8 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
16 9 22 266 10 148.1 0.274 1.498 0.008 821. 343. -12.5 0.0370 0.83 0.18 3.15 154.0 10.0 290.9 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
16 9 22 266 11 180.3 0.259 1.653 0.007 906. 316. -8.7 0.0230 0.83 0.18 3.17 190.0 10.0 292.0 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
16 9 22 266 12 196.6 0.364 1.730 0.005 952. 528. -22.2 0.0230 0.83 0.17 4.86 206.0 10.0 293.1 2.0 0
0.00 52. 1012. 0 ADJ-SFC NoSubs
16 9 22 266 13 196.4 0.395 1.755 0.005 995. 595. -28.3 0.0230 0.83 0.17 5.36 196.0 10.0 293.1 2.0 0
0.00 48. 1012. 0 ADJ-SFC NoSubs
16 9 22 266 14 180.6 0.363 1.765 0.005 1099. 525. -23.8 0.0230 0.83 0.18 4.86 192.0 10.0 294.2 2.0 0
0.00 48. 1011. 0 ADJ-SFC NoSubs
16 9 22 266 15 148.7 0.297 1.735 0.005 1269. 392. -15.9 0.0230 0.83 0.18 3.86 186.0 10.0 294.9 2.0 0
0.00 46. 1011. 0 ADJ-SFC NoSubs
16 9 22 266 16 106.0 0.415 1.592 0.005 1375. 641. -60.6 0.0380 0.83 0.20 5.36 210.0 10.0 294.9 2.0 0
0.00 44. 1010. 2 ADJ-SFC Sub_CC
16 9 22 266 17 48.6 0.368 1.241 0.005 1417. 538. -92.6 0.0380 0.83 0.27 4.86 215.0 10.0 293.8 2.0 0
0.00 48. 1010. 3 ADJ-SFC NoSubs
16 9 22 266 18 -5.6 0.112 -9.000 -9.000 -999. 190. 22.7 0.0317 0.83 0.49 1.76 999.0 10.0 292.5 2.0 0
0.00 46. 1011. 0 ADJ-SFC NoSubs
16 9 22 266 19 -21.2 0.217 -9.000 -9.000 -999. 242. 51.6 0.0290 0.83 1.00 3.36 64.0 10.0 288.8 2.0 0
0.00 74. 1012. 0 ADJ-SFC NoSubs
16 9 22 266 20 -7.2 0.111 -9.000 -9.000 -999. 94. 17.1 0.0330 0.83 1.00 1.76 38.0 10.0 287.0 2.0 0
0.00 83. 1012. 0 ADJ-SFC NoSubs
16 9 22 266 21 -8.5 0.121 -9.000 -9.000 -999. 101. 18.8 0.0330 0.83 1.00 1.91 34.0 10.0 286.4 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
16 9 22 266 22 -10.7 0.136 -9.000 -9.000 -999. 121. 21.3 0.0330 0.83 1.00 2.13 31.0 10.0 285.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 9 22 266 23 -9.0 0.124 -9.000 -9.000 -999. 105. 19.2 0.0310 0.83 1.00 1.98 11.0 10.0 285.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 9 22 266 24 -9.2 0.126 -9.000 -9.000 -999. 108. 19.8 0.0380 0.83 1.00 1.94 341.0 10.0 284.2 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 1 -10.6 0.135 -9.000 -9.000 -999. 119. 21.0 0.0330 0.83 1.00 2.11 326.0 10.0 283.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 2 -8.4 0.120 -9.000 -9.000 -999. 99. 18.4 0.0330 0.83 1.00 1.89 315.0 10.0 283.1 2.0 0

0.00 89. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 3 -9.7 0.129 -9.000 -9.000 -999. 112. 20.0 0.0330 0.83 1.00 2.03 314.0 10.0 282.5 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 4 -10.5 0.134 -9.000 -9.000 -999. 118. 20.8 0.0330 0.83 1.00 2.10 313.0 10.0 282.0 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 5 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0330 0.83 1.00 1.21 323.0 10.0 283.1 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
16 9 23 267 6 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0330 0.83 1.00 1.31 315.0 10.0 282.0 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
16 9 23 267 7 -2.6 0.072 -9.000 -9.000 -999. 46. 12.6 0.0330 0.83 0.49 1.13 327.0 10.0 282.0 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
16 9 23 267 8 45.9 0.092 0.727 0.016 303. 67. -1.5 0.0300 0.83 0.27 0.84 111.0 10.0 283.1 2.0 0
0.00 100. 1015. 5 ADJ-A1 NoSubs
16 9 23 267 9 99.4 0.127 1.014 0.014 380. 108. -1.8 0.0340 0.83 0.20 1.15 127.0 10.0 287.0 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
16 9 23 267 10 147.1 0.156 1.262 0.011 495. 148. -2.3 0.0300 0.83 0.18 1.52 118.0 10.0 290.9 2.0 0
0.00 59. 1015. 0 ADJ-A1 NoSubs
16 9 23 267 11 179.3 0.254 1.381 0.008 532. 308. -8.3 0.0340 0.83 0.18 2.86 143.0 10.0 292.5 2.0 0
0.00 60. 1015. 0 ADJ-A1 NoSubs
16 9 23 267 12 195.4 0.297 1.454 0.006 569. 388. -12.1 0.0230 0.83 0.17 3.76 190.0 10.0 293.1 2.0 0
0.00 54. 1015. 0 ADJ-A1 NoSubs
16 9 23 267 13 194.9 0.355 1.505 0.005 633. 507. -20.7 0.0370 0.83 0.17 4.29 174.0 10.0 292.5 2.0 0
0.00 56. 1014. 0 ADJ-A1 NoSubs
16 9 23 267 14 179.1 0.256 1.641 0.005 894. 316. -8.4 0.0340 0.83 0.18 2.88 123.0 10.0 294.2 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 15 147.4 0.274 1.681 0.005 1167. 344. -12.6 0.0300 0.83 0.18 3.30 97.0 10.0 295.4 2.0 0
0.00 50. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 16 99.8 0.331 1.533 0.005 1307. 457. -32.9 0.0300 0.83 0.20 4.32 109.0 10.0 293.8 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 17 41.3 0.286 1.161 0.005 1371. 368. -51.1 0.0340 0.83 0.27 3.74 125.0 10.0 293.8 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 18 -13.5 0.208 -9.000 -9.000 -999. 230. 60.5 0.0340 0.83 0.50 3.12 131.0 10.0 290.9 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 9 23 267 19 -18.3 0.187 -9.000 -9.000 -999. 194. 38.4 0.0340 0.83 1.00 2.84 125.0 10.0 289.9 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
16 9 23 267 20 -5.3 0.094 -9.000 -9.000 -999. 73. 14.4 0.0290 0.83 1.00 1.54 62.0 10.0 288.8 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
16 9 23 267 21 -7.0 0.109 -9.000 -9.000 -999. 87. 16.9 0.0330 0.83 1.00 1.74 50.0 10.0 288.1 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
16 9 23 267 22 -5.1 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.83 1.00 1.48 322.0 10.0 286.4 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
16 9 23 267 23 -6.1 0.102 -9.000 -9.000 -999. 78. 15.6 0.0330 0.83 1.00 1.62 316.0 10.0 286.4 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
16 9 23 267 24 -10.2 0.133 -9.000 -9.000 -999. 116. 20.8 0.0330 0.83 1.00 2.08 319.0 10.0 285.9 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
16 9 24 268 1 -10.4 0.134 -9.000 -9.000 -999. 118. 21.0 0.0330 0.83 1.00 2.10 312.0 10.0 285.4 2.0 0
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16 9 24 268 2 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0330 0.83 1.00 1.55 325.0 10.0 284.9 2.0 0
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16 9 24 268 3 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0330 0.83 1.00 1.57 327.0 10.0 284.9 2.0 0
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16 9 24 268 4 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.83 1.00 1.69 307.0 10.0 285.4 2.0 0
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16 9 24 268 8 41.0 0.127 0.579 0.016 172. 108. -4.5 0.0290 0.83 0.27 1.37 75.0 10.0 289.2 2.0 0
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16 9 24 268 10 148.4 0.151 1.193 0.014 414. 141. -2.1 0.0300 0.83 0.18 1.45 111.0 10.0 296.4 2.0 0
0.00 44. 1014. 0 ADJ-A1 NoSubs
16 9 24 268 11 181.2 0.175 1.374 0.013 518. 176. -2.7 0.0340 0.83 0.18 1.69 122.0 10.0 298.8 2.0 0
0.00 39. 1013. 0 ADJ-A1 NoSubs
16 9 24 268 12 198.3 0.244 1.471 0.010 581. 289. -6.6 0.0370 0.83 0.17 2.62 175.0 10.0 300.9 2.0 0
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16 9 24 268 13 196.8 0.397 1.555 0.009 692. 601. -28.8 0.0290 0.83 0.17 5.17 247.0 10.0 299.2 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
16 9 24 268 14 180.9 0.377 1.594 0.008 809. 556. -26.7 0.0290 0.83 0.18 4.88 244.0 10.0 300.4 2.0 0
0.00 35. 1012. 0 ADJ-A1 NoSubs
16 9 24 268 15 148.9 0.294 1.519 0.006 849. 387. -15.4 0.0380 0.83 0.18 3.44 213.0 10.0 300.9 2.0 0
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16 9 24 268 16 101.3 0.263 1.356 0.006 888. 323. -16.1 0.0370 0.83 0.20 3.10 160.0 10.0 299.9 2.0 0
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16 9 24 268 17 40.3 0.234 1.002 0.006 900. 272. -28.6 0.0370 0.83 0.28 2.90 154.0 10.0 295.4 2.0 0
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16 9 24 268 18 -11.7 0.173 -9.000 -9.000 -999. 173. 39.5 0.0230 0.83 0.51 2.79 188.0 10.0 290.9 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
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0.00 86. 1012. 0 ADJ-A1 NoSubs
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0.00 86. 1012. 0 ADJ-A1 NoSubs
16 9 24 268 21 -3.0 0.073 -9.000 -9.000 -999. 47. 11.6 0.0290 0.83 1.00 1.14 262.0 10.0 289.9 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
16 9 24 268 22 -5.5 0.097 -9.000 -9.000 -999. 73. 14.9 0.0330 0.83 1.00 1.55 308.0 10.0 288.8 2.0 0
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16 9 24 268 23 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0330 0.83 1.00 1.64 324.0 10.0 288.1 2.0 0
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16 9 24 268 24 -6.7 0.107 -9.000 -9.000 -999. 84. 16.5 0.0330 0.83 1.00 1.70 319.0 10.0 288.1 2.0 0
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16 9 25 269 4 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0290 0.83 1.00 1.26 263.0 10.0 288.1 2.0 0
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-9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
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0.00 69. 1011. 0 ADJ-A1 NoSubs
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0.00 58. 1012. 0 ADJ-A1 NoSubs
16 9 25 269 9 101.5 0.139 0.791 0.015 176. 125. -2.4 0.0290 0.83 0.20 1.38 89.0 10.0 297.0 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
16 9 25 269 10 150.6 0.197 1.022 0.010 256. 209. -4.6 0.0300 0.83 0.18 2.11 118.0 10.0 302.0 2.0 0
0.00 28. 1012. 0 ADJ-A1 NoSubs
16 9 25 269 11 184.3 0.291 1.366 0.009 499. 377. -12.1 0.0300 0.83 0.18 3.49 107.0 10.0 305.4 2.0 0
0.00 19. 1011. 0 ADJ-A1 NoSubs
16 9 25 269 12 200.8 0.232 1.457 0.006 556. 270. -5.6 0.0340 0.83 0.17 2.49 132.0 10.0 306.4 2.0 0
0.00 18. 1011. 0 ADJ-A1 NoSubs
16 9 25 269 13 201.1 0.274 1.690 0.009 866. 343. -9.2 0.0370 0.83 0.17 3.05 167.0 10.0 307.5 2.0 0
0.00 19. 1010. 0 ADJ-A1 NoSubs
16 9 25 269 14 184.1 0.375 1.685 0.008 937. 551. -25.8 0.0380 0.83 0.18 4.59 213.0 10.0 307.0 2.0 0
0.00 17. 1010. 0 ADJ-A1 NoSubs
16 9 25 269 15 148.8 0.405 1.599 0.007 991. 619. -40.3 0.0380 0.83 0.18 5.12 231.0 10.0 303.1 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
16 9 25 269 16 101.3 0.243 1.452 0.007 1088. 307. -12.8 0.0380 0.83 0.21 2.79 220.0 10.0 302.5 2.0 0
0.00 25. 1010. 0 ADJ-A1 NoSubs
16 9 25 269 17 41.7 0.210 1.087 0.007 1111. 232. -20.0 0.0290 0.83 0.28 2.66 247.0 10.0 300.9 2.0 0
0.00 26. 1009. 0 ADJ-A1 NoSubs
16 9 25 269 18 -9.5 0.142 -9.000 -9.000 -999. 130. 27.4 0.0230 0.83 0.52 2.32 209.0 10.0 297.0 2.0 0
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16 9 25 269 19 -3.9 0.082 -9.000 -9.000 -999. 57. 12.4 0.0230 0.83 1.00 1.38 186.0 10.0 294.2 2.0 0
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16 9 25 269 20 -2.8 0.071 -9.000 -9.000 -999. 45. 11.3 0.0260 0.83 1.00 1.13 284.0 10.0 293.8 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
16 9 25 269 21 -10.4 0.135 -9.000 -9.000 -999. 119. 21.4 0.0330 0.83 1.00 2.11 310.0 10.0 292.5 2.0 0
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16 9 25 269 22 -13.0 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.83 1.00 2.35 314.0 10.0 292.0 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
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0.00 55. 1010. 0 ADJ-A1 NoSubs
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0.00 55. 1009. 0 ADJ-A1 NoSubs
16 9 26 270 1 -7.5 0.114 -9.000 -9.000 -999. 93. 17.8 0.0330 0.83 1.00 1.81 309.0 10.0 290.9 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
16 9 26 270 2 -11.1 0.140 -9.000 -9.000 -999. 125. 22.1 0.0330 0.83 1.00 2.18 317.0 10.0 289.2 2.0 0
0.00 57. 1009. 0 ADJ-A1 NoSubs
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16 9 26 270 7 -3.0 0.079 -9.000 -9.000 -999. 53. 14.9 0.0330 0.83 0.50 1.26 55.0 10.0 290.9 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
16 9 26 270 8 41.0 0.140 0.468 0.016 90. 125. -6.0 0.0380 0.83 0.27 1.47 215.0 10.0 294.2 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
16 9 26 270 9 101.3 0.151 0.849 0.013 217. 140. -3.0 0.0290 0.83 0.20 1.54 60.0 10.0 298.8 2.0 0
0.00 35. 1011. 0 ADJ-A1 NoSubs
16 9 26 270 10 150.0 0.155 1.181 0.012 395. 147. -2.2 0.0330 0.83 0.18 1.47 52.0 10.0 302.9 2.0 9999
-9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
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0.00 18. 1010. 0 ADJ-A1 NoSubs
16 9 26 270 12 201.8 0.170 1.498 0.007 600. 168. -2.2 0.0340 0.83 0.17 1.59 139.0 10.0 309.2 2.0 0
0.00 14. 1009. 0 ADJ-A1 NoSubs
16 9 26 270 13 202.1 0.282 1.641 0.005 788. 360. -10.0 0.0370 0.83 0.17 3.18 169.0 10.0 310.4 2.0 0
0.00 11. 1008. 0 ADJ-A1 NoSubs
16 9 26 270 14 185.3 0.278 1.666 0.005 898. 352. -10.4 0.0380 0.83 0.18 3.13 235.0 10.0 310.4 2.0 0
0.00 8. 1008. 0 ADJ-A1 Sub_TT
16 9 26 270 15 152.8 0.344 1.615 0.005 993. 485. -24.0 0.0380 0.83 0.18 4.19 235.0 10.0 310.4 2.0 0
0.00 8. 1007. 0 ADJ-A1 NoSubs
16 9 26 270 16 103.3 0.328 1.443 0.005 1046. 452. -30.8 0.0290 0.83 0.21 4.29 242.0 10.0 307.5 2.0 0
0.00 11. 1007. 0 ADJ-A1 NoSubs
16 9 26 270 17 48.8 0.289 1.132 0.005 1067. 373. -44.2 0.0290 0.83 0.28 3.86 245.0 10.0 304.9 2.0 0
0.00 13. 1007. 5 ADJ-A1 NoSubs
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0.00 60. 1008. 3 ADJ-A1 NoSubs
16 9 26 270 21 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0290 0.83 1.00 1.25 263.0 10.0 292.0 2.0 0
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16 9 26 270 23 -4.7 0.090 -9.000 -9.000 -999. 64. 13.9 0.0330 0.83 1.00 1.43 306.0 10.0 290.9 2.0 0
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16 9 27 271 2 -12.2 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.83 1.00 2.28 311.0 10.0 290.9 2.0 0
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16 9 27 271 3 -6.9 0.110 -9.000 -9.000 -999. 87. 17.0 0.0330 0.83 1.00 1.74 324.0 10.0 289.9 2.0 0
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16 9 27 271 5 -2.9 0.072 -9.000 -9.000 -999. 47. 11.7 0.0330 0.83 1.00 1.09 310.0 10.0 288.8 2.0 0
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16 9 27 271 6 -7.0 0.109 -9.000 -9.000 -999. 87. 16.9 0.0330 0.83 1.00 1.74 310.0 10.0 287.5 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
16 9 27 271 7 -5.1 0.103 -9.000 -9.000 -999. 79. 19.3 0.0330 0.83 0.51 1.62 314.0 10.0 289.9 2.0 0
0.00 42. 1007. 0 ADJ-A1 NoSubs
16 9 27 271 8 40.3 0.150 0.472 0.018 94. 139. -7.5 0.0260 0.83 0.28 1.76 292.0 10.0 294.9 2.0 0
0.00 33. 1008. 0 ADJ-A1 NoSubs
16 9 27 271 9 100.0 0.130 0.863 0.017 231. 113. -2.0 0.0340 0.83 0.20 1.20 121.0 10.0 298.1 2.0 0
0.00 25. 1008. 0 ADJ-A1 NoSubs
16 9 27 271 10 148.4 0.171 1.110 0.014 331. 170. -3.0 0.0370 0.83 0.18 1.65 154.0 10.0 302.0 2.0 0
0.00 19. 1007. 0 ADJ-A1 Sub_CC
16 9 27 271 11 182.4 0.201 1.328 0.011 461. 216. -4.0 0.0370 0.83 0.18 2.01 153.0 10.0 305.9 2.0 0
0.00 14. 1006. 0 ADJ-A1 NoSubs
16 9 27 271 12 197.5 0.302 1.466 0.008 572. 398. -12.5 0.0230 0.83 0.17 3.83 180.0 10.0 305.4 2.0 0
0.00 14. 1006. 0 ADJ-A1 Sub_TT
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0.00 14. 1005. 0 ADJ-A1 NoSubs
16 9 27 271 14 178.8 0.310 1.559 0.005 761. 416. -14.9 0.0230 0.83 0.18 4.00 201.0 10.0 303.8 2.0 0

0.00 13. 1005. 0 ADJ-A1 NoSubs
16 9 27 271 15 141.7 0.345 1.494 0.005 844. 485. -25.9 0.0370 0.83 0.18 4.24 160.0 10.0 296.4 2.0 0
0.00 47. 1005. 0 ADJ-A1 NoSubs
16 9 27 271 16 93.2 0.389 1.328 0.005 902. 583. -56.7 0.0370 0.83 0.21 5.04 171.0 10.0 293.8 2.0 0
0.00 60. 1005. 0 ADJ-A1 NoSubs
16 9 27 271 17 32.9 0.326 0.943 0.005 912. 448. -94.0 0.0370 0.83 0.29 4.32 167.0 10.0 289.9 2.0 0
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0.00 100. 1006. 10 ADJ-A1 NoSubs
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16 9 27 271 24 -2.6 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.83 1.00 1.01 360.0 10.0 285.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 9 28 272 1 -2.1 0.064 -9.000 -9.000 -999. 39. 11.2 0.0260 0.83 1.00 0.91 276.0 10.0 285.4 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 9 28 272 2 -2.8 0.070 -9.000 -9.000 -999. 45. 11.4 0.0290 0.83 1.00 1.08 265.0 10.0 284.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 9 28 272 3 -5.5 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.83 1.00 1.52 227.0 10.0 284.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
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0.00 100. 1007. 10 ADJ-A1 NoSubs
16 9 28 272 5 -2.8 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.83 1.00 1.08 328.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
16 9 28 272 6 -3.7 0.080 -9.000 -9.000 -999. 55. 12.6 0.0380 0.83 1.00 1.23 330.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
16 9 28 272 7 -2.1 0.066 -9.000 -9.000 -999. 40. 11.9 0.0380 0.83 0.52 0.97 336.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 9 28 272 8 6.3 0.091 0.219 0.033 60. 66. -10.8 0.0380 0.83 0.28 1.03 349.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 9 28 272 9 99.5 0.122 0.780 0.033 171. 102. -1.6 0.0300 0.83 0.21 1.12 98.0 10.0 288.1 2.0 0
0.00 86. 1008. 3 ADJ-A1 NoSubs
16 9 28 272 10 145.4 0.165 0.997 0.028 245. 161. -2.8 0.0370 0.83 0.18 1.57 177.0 10.0 289.2 2.0 0
0.00 77. 1008. 3 ADJ-A1 NoSubs
16 9 28 272 11 173.3 0.183 1.153 0.025 318. 188. -3.2 0.0340 0.83 0.18 1.82 144.0 10.0 292.0 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
16 9 28 272 12 189.0 0.315 1.244 0.016 366. 424. -14.9 0.0370 0.83 0.17 3.69 153.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
16 9 28 272 13 189.4 0.347 1.293 0.015 410. 490. -19.8 0.0370 0.83 0.17 4.17 176.0 10.0 295.4 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
16 9 28 272 14 172.2 0.312 1.338 0.014 500. 419. -15.9 0.0230 0.83 0.18 4.05 208.0 10.0 294.9 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
16 9 28 272 15 137.9 0.356 1.279 0.013 545. 510. -29.5 0.0230 0.83 0.18 4.85 196.0 10.0 291.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
16 9 28 272 16 89.9 0.301 1.118 0.011 559. 397. -27.2 0.0230 0.83 0.21 4.07 193.0 10.0 289.9 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
16 9 28 272 17 30.4 0.253 0.781 0.011 562. 306. -47.6 0.0230 0.83 0.29 3.54 198.0 10.0 287.5 2.0 0

0.00 89. 1008. 0 ADJ-A1 NoSubs
16 9 28 272 18 -16.6 0.191 -9.000 -9.000 -999. 202. 40.3 0.0380 0.83 0.56 2.84 213.0 10.0 285.9 2.0 0
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16 9 28 272 19 -7.0 0.108 -9.000 -9.000 -999. 87. 16.1 0.0230 0.83 1.00 1.82 207.0 10.0 285.9 2.0 0
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16 9 28 272 20 -3.6 0.078 -9.000 -9.000 -999. 52. 11.7 0.0230 0.83 1.00 1.30 185.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 9 28 272 21 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.83 1.00 1.28 226.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 28 272 22 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.83 1.00 1.28 207.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 28 272 23 -3.3 0.075 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.25 186.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 28 272 24 -4.1 0.083 -9.000 -9.000 -999. 57. 12.4 0.0230 0.83 1.00 1.40 206.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 29 273 1 -3.0 0.073 -9.000 -9.000 -999. 47. 11.5 0.0290 0.83 1.00 1.14 267.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 29 273 2 -2.5 0.068 -9.000 -9.000 -999. 42. 11.1 0.0260 0.83 1.00 1.03 293.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 29 273 3 -2.9 0.071 -9.000 -9.000 -999. 45. 11.1 0.0230 0.83 1.00 1.14 207.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 9 29 273 4 -3.8 0.080 -9.000 -9.000 -999. 55. 12.3 0.0290 0.83 1.00 1.30 249.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 29 273 5 -2.6 0.069 -9.000 -9.000 -999. 43. 11.3 0.0290 0.83 1.00 1.03 260.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 9 29 273 6 -2.7 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.83 1.00 1.01 347.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 29 273 7 -2.4 0.069 -9.000 -9.000 -999. 43. 11.9 0.0330 0.83 0.52 1.06 321.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 9 29 273 8 6.3 0.091 0.371 0.034 289. 66. -10.8 0.0380 0.83 0.28 1.03 345.0 10.0 285.9 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 9 29 273 9 20.9 0.104 0.589 0.034 353. 80. -4.8 0.0380 0.83 0.21 1.06 360.0 10.0 286.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 9 29 273 10 33.0 0.140 0.735 0.034 435. 125. -7.4 0.0340 0.83 0.18 1.55 138.0 10.0 288.1 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
16 9 29 273 11 175.5 0.193 1.381 0.032 543. 203. -3.7 0.0230 0.83 0.18 2.13 180.0 10.0 290.4 2.0 0
0.00 77. 1013. 3 ADJ-A1 NoSubs
16 9 29 273 12 187.2 0.284 1.437 0.030 574. 363. -11.1 0.0370 0.83 0.17 3.23 179.0 10.0 291.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
16 9 29 273 13 186.4 0.317 1.449 0.027 590. 429. -15.5 0.0370 0.83 0.17 3.73 178.0 10.0 291.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
16 9 29 273 14 169.7 0.302 1.415 0.025 603. 399. -14.7 0.0370 0.83 0.18 3.54 173.0 10.0 292.5 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
16 9 29 273 15 136.6 0.304 1.324 0.023 614. 403. -18.6 0.0370 0.83 0.18 3.64 167.0 10.0 292.0 2.0 0
0.00 64. 1012. 0 ADJ-A1 Sub_CC
16 9 29 273 16 88.9 0.258 1.152 0.022 620. 316. -17.4 0.0370 0.83 0.21 3.07 165.0 10.0 291.4 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
16 9 29 273 17 29.5 0.265 0.799 0.021 622. 328. -56.9 0.0340 0.83 0.29 3.49 144.0 10.0 289.9 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
16 9 29 273 18 -20.1 0.238 -9.000 -9.000 -999. 280. 62.5 0.0370 0.83 0.57 3.52 156.0 10.0 287.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 9 29 273 19 -22.1 0.223 -9.000 -9.000 -999. 253. 54.6 0.0340 0.83 1.00 3.36 128.0 10.0 285.9 2.0 0
0.00 96. 1012. 0 ADJ-SFC NoSubs
16 9 29 273 20 -12.9 0.150 -9.000 -9.000 -999. 141. 24.6 0.0300 0.83 1.00 2.36 107.0 10.0 285.4 2.0 0

0.00 96. 1013. 0 ADJ-SFC NoSubs
16 9 29 273 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 96. 1013. 0 ADJ-SFC NoSubs
16 9 29 273 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 96. 1013. 0 ADJ-SFC NoSubs
16 9 29 273 23 -6.8 0.106 -9.000 -9.000 -999. 83. 16.0 0.0260 0.83 1.00 1.76 299.0 10.0 284.2 2.0 0
0.00 96. 1013. 0 ADJ-SFC NoSubs
16 9 29 273 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 96. 1013. 0 ADJ-SFC NoSubs
16 9 30 274 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 96. 1013. 10 ADJ-SFC NoSubs
16 9 30 274 2 -7.1 0.110 -9.000 -9.000 -999. 87. 16.8 0.0310 0.83 1.00 1.76 15.0 10.0 284.9 2.0 0
0.00 100. 1013. 10 ADJ-SFC NoSubs
16 9 30 274 3 -13.0 0.151 -9.000 -9.000 -999. 140. 24.9 0.0310 0.83 1.00 2.36 26.0 10.0 285.4 2.0 0
0.00 100. 1013. 10 ADJ-SFC NoSubs
16 9 30 274 4 -6.9 0.108 -9.000 -9.000 -999. 86. 16.5 0.0290 0.83 1.00 1.76 68.0 10.0 285.4 2.0 0
0.00 96. 1014. 10 ADJ-SFC NoSubs
16 9 30 274 5 -12.3 0.146 -9.000 -9.000 -999. 133. 23.3 0.0300 0.83 1.00 2.30 105.0 10.0 284.9 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 9 30 274 6 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0330 0.83 1.00 1.45 55.0 10.0 284.9 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 9 30 274 7 -3.4 0.079 -9.000 -9.000 -999. 54. 13.3 0.0310 0.83 0.53 1.28 20.0 10.0 284.9 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 9 30 274 8 5.9 0.100 0.315 0.006 190. 76. -15.4 0.0330 0.83 0.28 1.21 34.0 10.0 285.4 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
16 9 30 274 9 20.5 0.109 0.539 0.008 276. 86. -5.7 0.0330 0.83 0.21 1.18 36.0 10.0 285.9 2.0 0
0.00 89. 1015. 10 ADJ-A1 NoSubs
16 9 30 274 10 32.3 0.127 0.694 0.021 374. 109. -5.7 0.0380 0.83 0.18 1.33 232.0 10.0 287.0 2.0 0
0.00 83. 1015. 10 ADJ-A1 NoSubs
16 9 30 274 11 166.5 0.190 1.420 0.031 623. 199. -3.7 0.0380 0.83 0.18 1.88 239.0 10.0 289.2 2.0 0
0.00 74. 1015. 5 ADJ-A1 NoSubs
16 9 30 274 12 185.8 0.288 1.546 0.030 721. 371. -11.6 0.0230 0.83 0.17 3.63 187.0 10.0 290.9 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
16 9 30 274 13 185.0 0.292 1.581 0.028 773. 378. -12.1 0.0230 0.83 0.17 3.69 185.0 10.0 291.4 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 9 30 274 14 168.0 0.258 1.540 0.027 786. 315. -9.2 0.0340 0.83 0.18 2.93 137.0 10.0 292.0 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
16 9 30 274 15 135.9 0.200 1.442 0.025 797. 216. -5.3 0.0340 0.83 0.19 2.13 123.0 10.0 294.2 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
16 9 30 274 16 88.4 0.247 1.253 0.025 804. 294. -15.3 0.0300 0.83 0.21 3.03 117.0 10.0 294.2 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
16 9 30 274 17 29.2 0.251 0.867 0.024 806. 301. -48.7 0.0300 0.83 0.30 3.35 117.0 10.0 293.1 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
16 9 30 274 18 -21.0 0.247 -9.000 -9.000 -999. 294. 67.0 0.0370 0.83 0.58 3.64 152.0 10.0 289.9 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
16 9 30 274 19 -20.5 0.208 -9.000 -9.000 -999. 229. 47.7 0.0340 0.83 1.00 3.15 139.0 10.0 288.1 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
16 9 30 274 20 -7.9 0.115 -9.000 -9.000 -999. 97. 17.3 0.0230 0.83 1.00 1.93 184.0 10.0 285.9 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
16 9 30 274 21 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.83 1.00 1.14 223.0 10.0 286.4 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 9 30 274 22 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0330 0.83 1.00 1.60 315.0 10.0 284.9 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
16 9 30 274 23 -10.7 0.136 -9.000 -9.000 -999. 121. 21.3 0.0330 0.83 1.00 2.13 302.0 10.0 284.9 2.0 0

0.00 85. 1014. 0 ADJ-A1 NoSubs
16 9 30 274 24 -8.9 0.123 -9.000 -9.000 -999. 104. 19.0 0.0330 0.83 1.00 1.94 322.0 10.0 283.1 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
16 10 1 275 1 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.83 1.00 1.86 312.0 10.0 282.5 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 10 1 275 2 -9.3 0.126 -9.000 -9.000 -999. 107. 19.5 0.0330 0.83 1.00 1.98 315.0 10.0 282.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
16 10 1 275 3 -7.8 0.115 -9.000 -9.000 -999. 93. 17.6 0.0330 0.83 1.00 1.82 311.0 10.0 282.0 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 10 1 275 4 -11.0 0.138 -9.000 -9.000 -999. 122. 21.4 0.0330 0.83 1.00 2.15 312.0 10.0 281.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 10 1 275 5 -7.7 0.114 -9.000 -9.000 -999. 93. 17.5 0.0330 0.83 1.00 1.81 328.0 10.0 281.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 10 1 275 6 -6.7 0.106 -9.000 -9.000 -999. 83. 16.1 0.0330 0.83 1.00 1.69 324.0 10.0 279.9 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
16 10 1 275 7 -7.9 0.124 -9.000 -9.000 -999. 104. 21.7 0.0330 0.83 0.53 1.93 312.0 10.0 282.0 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 10 1 275 8 33.0 0.126 0.668 0.007 327. 107. -5.4 0.0330 0.83 0.28 1.35 315.0 10.0 285.9 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
16 10 1 275 9 91.5 0.161 1.079 0.008 498. 155. -4.1 0.0290 0.83 0.21 1.72 68.0 10.0 288.8 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
16 10 1 275 10 138.2 0.167 1.329 0.009 615. 163. -3.0 0.0340 0.83 0.18 1.64 140.0 10.0 290.9 2.0 0
0.00 55. 1015. 0 ADJ-A1 NoSubs
16 10 1 275 11 169.9 0.247 1.511 0.010 735. 294. -8.0 0.0370 0.83 0.18 2.71 154.0 10.0 292.5 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
16 10 1 275 12 185.1 0.312 1.645 0.010 870. 419. -14.9 0.0230 0.83 0.17 4.03 205.0 10.0 292.5 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
16 10 1 275 13 184.3 0.299 1.716 0.010 992. 392. -13.1 0.0230 0.83 0.17 3.81 181.0 10.0 293.1 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
16 10 1 275 14 167.7 0.240 1.700 0.009 1058. 284. -7.5 0.0370 0.83 0.18 2.62 160.0 10.0 294.9 2.0 0
0.00 41. 1012. 0 ADJ-A1 NoSubs
16 10 1 275 15 135.2 0.258 1.601 0.008 1096. 314. -11.4 0.0370 0.83 0.19 2.94 170.0 10.0 295.9 2.0 0
0.00 36. 1011. 0 ADJ-A1 NoSubs
16 10 1 275 16 87.2 0.270 1.391 0.008 1113. 336. -20.2 0.0370 0.83 0.21 3.25 178.0 10.0 295.4 2.0 0
0.00 37. 1011. 0 ADJ-A1 Sub_CC
16 10 1 275 17 28.3 0.184 0.958 0.008 1118. 192. -19.8 0.0340 0.83 0.30 2.25 146.0 10.0 294.9 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
16 10 1 275 18 -15.8 0.182 -9.000 -9.000 -999. 187. 36.6 0.0300 0.83 0.60 2.83 115.0 10.0 291.4 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
16 10 1 275 19 -17.1 0.175 -9.000 -9.000 -999. 176. 33.7 0.0340 0.83 1.00 2.67 132.0 10.0 289.2 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
16 10 1 275 20 -17.4 0.177 -9.000 -9.000 -999. 179. 34.4 0.0370 0.83 1.00 2.66 175.0 10.0 287.5 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
16 10 1 275 21 -7.7 0.114 -9.000 -9.000 -999. 94. 17.6 0.0300 0.83 1.00 1.84 116.0 10.0 287.0 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
16 10 1 275 22 -10.2 0.133 -9.000 -9.000 -999. 116. 20.8 0.0330 0.83 1.00 2.08 34.0 10.0 285.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
16 10 1 275 23 -8.5 0.121 -9.000 -9.000 -999. 101. 18.7 0.0330 0.83 1.00 1.91 317.0 10.0 284.2 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
16 10 1 275 24 -11.1 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.83 1.00 2.16 316.0 10.0 283.1 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 1 -11.5 0.141 -9.000 -9.000 -999. 127. 22.0 0.0330 0.83 1.00 2.20 315.0 10.0 282.5 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 2 -12.1 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 318.0 10.0 282.0 2.0 0

0.00 89. 1012. 0 ADJ-A1 NoSubs
16 10 2 276 3 -11.1 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.16 315.0 10.0 281.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 10 2 276 4 -11.1 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.16 312.0 10.0 281.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 10 2 276 5 -10.5 0.134 -9.000 -9.000 -999. 118. 20.8 0.0330 0.83 1.00 2.10 310.0 10.0 280.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 10 2 276 6 -8.1 0.118 -9.000 -9.000 -999. 97. 18.0 0.0330 0.83 1.00 1.86 321.0 10.0 280.4 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 7 -8.2 0.126 -9.000 -9.000 -999. 107. 21.9 0.0330 0.83 0.54 1.96 320.0 10.0 282.0 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 8 31.8 0.101 0.557 0.005 196. 77. -2.9 0.0370 0.83 0.29 0.97 178.0 10.0 285.4 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 9 90.0 0.141 0.933 0.005 326. 127. -2.8 0.0340 0.83 0.21 1.37 134.0 10.0 287.5 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 10 136.8 0.208 1.374 0.005 686. 228. -6.0 0.0340 0.83 0.18 2.25 134.0 10.0 290.4 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 11 168.0 0.322 1.643 0.005 955. 438. -17.9 0.0230 0.83 0.18 4.22 188.0 10.0 290.9 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 12 183.3 0.386 1.744 0.005 1046. 574. -28.2 0.0380 0.83 0.17 4.75 212.0 10.0 291.4 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 13 186.3 0.459 1.841 0.005 1211. 746. -46.9 0.0380 0.83 0.17 5.85 229.0 10.0 292.0 2.0 0
0.00 67. 1012. 3 ADJ-A1 NoSubs
16 10 2 276 14 137.0 0.570 1.742 0.009 1395. 1032. -122.1 0.0380 0.83 0.18 7.60 233.0 10.0 292.5 2.0
0 0.00 67. 1012. 7 ADJ-A1 NoSubs
16 10 2 276 15 110.5 0.618 1.663 0.011 1502. 1163. -192.2 0.0380 0.83 0.19 8.35 231.0 10.0 290.9 2.0
0 0.00 74. 1011. 7 ADJ-A1 NoSubs
16 10 2 276 16 88.8 0.496 1.559 0.012 1542. 854. -124.1 0.0380 0.83 0.21 6.62 230.0 10.0 290.9 2.0 0
0.00 67. 1011. 3 ADJ-A1 NoSubs
16 10 2 276 17 24.8 0.394 1.020 0.012 1547. 602. -222.0 0.0380 0.83 0.31 5.34 232.0 10.0 290.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
16 10 2 276 18 -20.4 0.229 -9.000 -9.000 -999. 285. 57.8 0.0290 0.83 0.61 3.54 254.0 10.0 289.9 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
16 10 2 276 19 -22.4 0.229 -9.000 -9.000 -999. 263. 57.5 0.0290 0.83 1.00 3.54 260.0 10.0 288.8 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
16 10 2 276 20 -15.7 0.166 -9.000 -9.000 -999. 163. 30.2 0.0290 0.83 1.00 2.61 264.0 10.0 287.5 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
16 10 2 276 21 -7.5 0.113 -9.000 -9.000 -999. 91. 17.1 0.0260 0.83 1.00 1.86 291.0 10.0 286.4 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 22 -5.4 0.095 -9.000 -9.000 -999. 70. 14.5 0.0330 0.83 1.00 1.52 329.0 10.0 283.8 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 23 -13.8 0.155 -9.000 -9.000 -999. 147. 26.4 0.0330 0.83 1.00 2.40 306.0 10.0 283.1 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
16 10 2 276 24 -12.9 0.149 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 315.0 10.0 282.5 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
16 10 3 277 1 -10.5 0.134 -9.000 -9.000 -999. 118. 20.9 0.0330 0.83 1.00 2.10 312.0 10.0 282.5 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
16 10 3 277 2 -9.7 0.129 -9.000 -9.000 -999. 112. 20.0 0.0330 0.83 1.00 2.03 316.0 10.0 282.0 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
16 10 3 277 3 -11.8 0.142 -9.000 -9.000 -999. 129. 22.3 0.0330 0.83 1.00 2.22 317.0 10.0 281.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 10 3 277 4 -12.7 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.83 1.00 2.30 310.0 10.0 282.0 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 10 3 277 5 -11.5 0.141 -9.000 -9.000 -999. 127. 22.0 0.0330 0.83 1.00 2.20 313.0 10.0 281.4 2.0 0

0.00 89. 1013. 10 ADJ-A1 NoSubs
16 10 3 277 6 -14.4 0.159 -9.000 -9.000 -999. 151. 27.6 0.0330 0.83 1.00 2.45 315.0 10.0 282.0 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
16 10 3 277 7 -10.4 0.139 -9.000 -9.000 -999. 125. 23.3 0.0330 0.83 0.55 2.16 311.0 10.0 283.1 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
16 10 3 277 8 32.2 0.130 0.649 0.005 307. 112. -6.2 0.0330 0.83 0.29 1.42 329.0 10.0 286.4 2.0 0
0.00 83. 1015. 7 ADJ-A1 NoSubs
16 10 3 277 9 20.2 0.146 0.610 0.005 406. 133. -13.8 0.0300 0.83 0.21 1.77 101.0 10.0 287.5 2.0 0
0.00 77. 1015. 10 ADJ-A1 NoSubs
16 10 3 277 10 32.2 0.136 0.777 0.005 527. 121. -7.1 0.0300 0.83 0.19 1.55 113.0 10.0 289.2 2.0 0
0.00 66. 1015. 10 ADJ-A1 NoSubs
16 10 3 277 11 40.3 0.129 0.889 0.005 631. 111. -4.8 0.0340 0.83 0.18 1.35 148.0 10.0 290.4 2.0 0
0.00 62. 1014. 10 ADJ-A1 NoSubs
16 10 3 277 12 44.3 0.186 0.936 0.005 670. 192. -13.1 0.0230 0.83 0.17 2.37 188.0 10.0 290.9 2.0 0
0.00 57. 1014. 10 ADJ-A1 NoSubs
16 10 3 277 13 44.0 0.141 0.966 0.005 740. 127. -5.7 0.0230 0.83 0.17 1.65 204.0 10.0 290.9 2.0 0
0.00 51. 1013. 10 ADJ-A1 NoSubs
16 10 3 277 14 40.1 0.197 0.964 0.006 806. 209. -17.1 0.0230 0.83 0.18 2.57 206.0 10.0 292.0 2.0 0
0.00 48. 1012. 10 ADJ-A1 NoSubs
16 10 3 277 15 31.3 0.270 0.893 0.006 820. 337. -56.8 0.0380 0.83 0.19 3.48 233.0 10.0 290.9 2.0 0
0.00 53. 1012. 10 ADJ-A1 NoSubs
16 10 3 277 16 19.1 0.201 0.760 0.006 828. 217. -38.1 0.0290 0.83 0.22 2.66 265.0 10.0 290.4 2.0 0
0.00 57. 1011. 10 ADJ-A1 NoSubs
16 10 3 277 17 4.3 0.175 0.462 0.006 830. 175. -112.2 0.0290 0.83 0.31 2.44 240.0 10.0 289.9 2.0 0
0.00 64. 1011. 10 ADJ-A1 NoSubs
16 10 3 277 18 -9.8 0.133 -9.000 -9.000 -999. 117. 21.8 0.0380 0.83 0.62 2.03 218.0 10.0 289.2 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
16 10 3 277 19 -3.9 0.083 -9.000 -9.000 -999. 58. 13.0 0.0380 0.83 1.00 1.28 232.0 10.0 288.8 2.0 0
0.00 68. 1010. 7 ADJ-A1 NoSubs
16 10 3 277 20 -4.5 0.088 -9.000 -9.000 -999. 63. 13.8 0.0380 0.83 1.00 1.37 336.0 10.0 288.8 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
16 10 3 277 21 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0330 0.83 1.00 1.50 309.0 10.0 289.2 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
16 10 3 277 22 -7.7 0.115 -9.000 -9.000 -999. 94. 17.9 0.0330 0.83 1.00 1.82 307.0 10.0 289.2 2.0 0
0.00 66. 1010. 10 ADJ-A1 NoSubs
16 10 3 277 23 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0330 0.83 1.00 1.59 315.0 10.0 288.1 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
16 10 3 277 24 -14.0 0.156 -9.000 -9.000 -999. 148. 26.9 0.0290 0.83 1.00 2.47 251.0 10.0 287.0 2.0 0
0.00 89. 1010. 7 ADJ-A1 NoSubs
16 10 4 278 1 -6.3 0.104 -9.000 -9.000 -999. 81. 15.8 0.0290 0.83 1.00 1.69 269.0 10.0 287.5 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
16 10 4 278 2 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0380 0.83 1.00 1.18 351.0 10.0 287.5 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
16 10 4 278 3 -6.2 0.102 -9.000 -9.000 -999. 79. 15.5 0.0260 0.83 1.00 1.70 270.0 10.0 288.1 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
16 10 4 278 4 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.83 1.00 1.28 50.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
16 10 4 278 5 -5.9 0.100 -9.000 -9.000 -999. 76. 15.2 0.0300 0.83 1.00 1.62 98.0 10.0 287.5 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
16 10 4 278 6 -3.7 0.079 -9.000 -9.000 -999. 53. 12.1 0.0260 0.83 1.00 1.30 270.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
16 10 4 278 7 -3.8 0.083 -9.000 -9.000 -999. 57. 13.5 0.0260 0.83 0.55 1.38 292.0 10.0 288.1 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
16 10 4 278 8 32.3 0.131 0.631 0.005 280. 114. -6.3 0.0290 0.83 0.29 1.48 248.0 10.0 289.2 2.0 0

0.00 77. 1011. 7 ADJ-A1 NoSubs
16 10 4 278 9 77.8 0.151 1.052 0.005 540. 140. -4.0 0.0340 0.83 0.21 1.54 137.0 10.0 291.4 2.0 0
0.00 62. 1011. 7 ADJ-A1 NoSubs
16 10 4 278 10 113.7 0.197 1.358 0.005 795. 211. -6.1 0.0370 0.83 0.19 2.10 165.0 10.0 292.5 2.0 0
0.00 54. 1011. 7 ADJ-A1 NoSubs
16 10 4 278 11 41.4 0.193 0.991 0.005 846. 203. -15.6 0.0300 0.83 0.18 2.37 103.0 10.0 293.8 2.0 0
0.00 50. 1011. 10 ADJ-A1 NoSubs
16 10 4 278 12 149.9 0.192 1.609 0.005 1003. 202. -4.3 0.0230 0.83 0.17 2.17 197.0 10.0 293.8 2.0 0
0.00 48. 1010. 7 ADJ-A1 NoSubs
16 10 4 278 13 180.5 0.424 1.795 0.008 1155. 664. -38.1 0.0230 0.83 0.18 5.87 208.0 10.0 294.2 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
16 10 4 278 14 163.0 0.464 1.793 0.009 1274. 757. -55.0 0.0380 0.83 0.18 5.96 221.0 10.0 294.2 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
16 10 4 278 15 129.6 0.391 1.698 0.011 1362. 591. -41.6 0.0380 0.83 0.19 4.95 234.0 10.0 294.2 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
16 10 4 278 16 81.5 0.297 1.473 0.013 1413. 393. -28.8 0.0380 0.83 0.22 3.66 232.0 10.0 293.8 2.0 0
0.00 53. 1008. 0 ADJ-A1 NoSubs
16 10 4 278 17 23.1 0.163 0.972 0.013 1429. 170. -16.8 0.0370 0.83 0.31 1.93 169.0 10.0 294.2 2.0 0
0.00 48. 1008. 0 ADJ-A1 NoSubs
16 10 4 278 18 -17.1 0.186 -9.000 -9.000 -999. 192. 37.9 0.0300 0.83 0.64 2.88 116.0 10.0 289.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
16 10 4 278 19 -20.6 0.210 -9.000 -9.000 -999. 231. 48.6 0.0370 0.83 1.00 3.13 154.0 10.0 288.8 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
16 10 4 278 20 -12.6 0.149 -9.000 -9.000 -999. 139. 24.5 0.0370 0.83 1.00 2.27 172.0 10.0 287.0 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
16 10 4 278 21 -4.9 0.090 -9.000 -9.000 -999. 65. 13.4 0.0230 0.83 1.00 1.53 206.0 10.0 286.4 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
16 10 4 278 22 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.83 1.00 1.20 354.0 10.0 285.4 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
16 10 4 278 23 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.83 1.00 1.74 325.0 10.0 284.2 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
16 10 4 278 24 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0330 0.83 1.00 1.96 323.0 10.0 283.8 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 10 5 279 1 -12.4 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.83 1.00 2.28 319.0 10.0 283.1 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 10 5 279 2 -11.7 0.142 -9.000 -9.000 -999. 129. 22.3 0.0330 0.83 1.00 2.22 315.0 10.0 282.5 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 10 5 279 3 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 314.0 10.0 282.5 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 10 5 279 4 -11.7 0.142 -9.000 -9.000 -999. 129. 22.3 0.0330 0.83 1.00 2.22 313.0 10.0 282.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 10 5 279 5 -10.8 0.136 -9.000 -9.000 -999. 121. 21.2 0.0330 0.83 1.00 2.13 310.0 10.0 282.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 10 5 279 6 -13.8 0.155 -9.000 -9.000 -999. 146. 26.4 0.0330 0.83 1.00 2.40 320.0 10.0 281.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
16 10 5 279 7 -4.7 0.093 -9.000 -9.000 -999. 69. 15.4 0.0330 0.83 0.56 1.48 327.0 10.0 282.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 10 5 279 8 28.6 0.080 0.499 0.005 157. 55. -1.6 0.0300 0.83 0.29 0.74 95.0 10.0 285.4 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
16 10 5 279 9 86.8 0.129 1.037 0.009 465. 111. -2.2 0.0340 0.83 0.21 1.21 148.0 10.0 288.1 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
16 10 5 279 10 133.2 0.190 1.347 0.008 663. 198. -4.6 0.0370 0.83 0.19 1.94 172.0 10.0 290.4 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
16 10 5 279 11 164.7 0.225 1.503 0.006 746. 256. -6.3 0.0370 0.83 0.18 2.40 157.0 10.0 292.0 2.0 0

0.00 55. 1013. 0 ADJ-A1 NoSubs
16 10 5 279 12 180.0 0.317 1.593 0.005 812. 429. -16.0 0.0230 0.83 0.18 4.12 195.0 10.0 293.1 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
16 10 5 279 13 178.9 0.357 1.627 0.005 870. 511. -22.9 0.0230 0.83 0.18 4.77 204.0 10.0 293.8 2.0 0
0.00 44. 1012. 0 ADJ-A1 NoSubs
16 10 5 279 14 162.0 0.377 1.619 0.005 946. 555. -29.8 0.0380 0.83 0.18 4.66 227.0 10.0 295.4 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
16 10 5 279 15 128.8 0.313 1.634 0.008 1224. 423. -21.5 0.0380 0.83 0.19 3.78 218.0 10.0 295.9 2.0 0
0.00 37. 1011. 0 ADJ-A1 NoSubs
16 10 5 279 16 80.5 0.280 1.449 0.008 1363. 356. -24.5 0.0230 0.83 0.22 3.76 196.0 10.0 295.4 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
16 10 5 279 17 21.8 0.216 0.944 0.008 1393. 242. -41.5 0.0340 0.83 0.32 2.79 144.0 10.0 294.9 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
16 10 5 279 18 -16.0 0.173 -9.000 -9.000 -999. 172. 32.8 0.0300 0.83 0.65 2.69 103.0 10.0 290.9 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
16 10 5 279 19 -9.8 0.131 -9.000 -9.000 -999. 114. 20.7 0.0370 0.83 1.00 2.01 167.0 10.0 288.1 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
16 10 5 279 20 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0260 0.83 1.00 1.43 270.0 10.0 287.5 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
16 10 5 279 21 -6.8 0.107 -9.000 -9.000 -999. 84. 16.1 0.0260 0.83 1.00 1.77 291.0 10.0 285.4 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
16 10 5 279 22 -7.0 0.108 -9.000 -9.000 -999. 85. 16.3 0.0260 0.83 1.00 1.79 291.0 10.0 284.9 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
16 10 5 279 23 -10.0 0.131 -9.000 -9.000 -999. 114. 20.4 0.0330 0.83 1.00 2.06 314.0 10.0 283.8 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
16 10 5 279 24 -7.7 0.115 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.82 309.0 10.0 283.1 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
16 10 6 280 1 -7.7 0.115 -9.000 -9.000 -999. 93. 17.6 0.0330 0.83 1.00 1.82 320.0 10.0 282.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 10 6 280 2 -14.0 0.156 -9.000 -9.000 -999. 148. 26.9 0.0330 0.83 1.00 2.42 311.0 10.0 282.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 10 6 280 3 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0330 0.83 1.00 1.79 317.0 10.0 281.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 10 6 280 4 -11.1 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.16 314.0 10.0 281.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 10 6 280 5 -9.7 0.129 -9.000 -9.000 -999. 112. 20.0 0.0330 0.83 1.00 2.03 315.0 10.0 281.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 10 6 280 6 -3.3 0.075 -9.000 -9.000 -999. 50. 11.5 0.0260 0.83 1.00 1.21 291.0 10.0 281.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 10 6 280 7 -9.8 0.136 -9.000 -9.000 -999. 120. 22.9 0.0330 0.83 0.57 2.11 304.0 10.0 282.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 10 6 280 8 27.8 0.120 0.527 0.012 190. 99. -5.6 0.0290 0.83 0.30 1.33 63.0 10.0 285.9 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
16 10 6 280 9 86.0 0.141 0.896 0.010 302. 128. -3.0 0.0300 0.83 0.21 1.43 114.0 10.0 289.2 2.0 0
0.00 61. 1013. 0 ADJ-A1 Sub_CC
16 10 6 280 10 133.1 0.163 1.108 0.008 369. 158. -2.9 0.0340 0.83 0.19 1.60 132.0 10.0 293.1 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
16 10 6 280 11 164.4 0.236 1.301 0.005 484. 275. -7.2 0.0370 0.83 0.18 2.56 167.0 10.0 294.2 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
16 10 6 280 12 179.7 0.271 1.505 0.005 685. 338. -10.0 0.0380 0.83 0.18 3.03 227.0 10.0 295.4 2.0 0
0.00 40. 1011. 0 ADJ-A1 NoSubs
16 10 6 280 13 178.5 0.256 1.649 0.005 907. 310. -8.4 0.0230 0.83 0.18 3.12 200.0 10.0 295.9 2.0 0
0.00 36. 1011. 0 ADJ-A1 NoSubs
16 10 6 280 14 161.0 0.304 1.780 0.009 1264. 402. -15.7 0.0380 0.83 0.18 3.56 218.0 10.0 296.4 2.0 0

0.00 32. 1010. 0 ADJ-A1 NoSubs
16 10 6 280 15 127.8 0.252 1.691 0.009 1365. 305. -11.3 0.0380 0.83 0.19 2.86 222.0 10.0 297.0 2.0 0
0.00 32. 1010. 0 ADJ-A1 NoSubs
16 10 6 280 16 79.7 0.209 1.456 0.009 1394. 230. -10.3 0.0380 0.83 0.22 2.35 213.0 10.0 297.0 2.0 0
0.00 32. 1009. 0 ADJ-A1 NoSubs
16 10 6 280 17 18.9 0.206 0.902 0.009 1394. 224. -41.5 0.0370 0.83 0.32 2.62 159.0 10.0 292.0 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
16 10 6 280 18 -17.2 0.181 -9.000 -9.000 -999. 184. 35.9 0.0370 0.83 0.66 2.71 178.0 10.0 288.1 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
16 10 6 280 19 -7.4 0.114 -9.000 -9.000 -999. 93. 17.8 0.0380 0.83 1.00 1.76 218.0 10.0 287.5 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
16 10 6 280 20 -8.3 0.118 -9.000 -9.000 -999. 97. 17.8 0.0230 0.83 1.00 1.98 200.0 10.0 285.9 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
16 10 6 280 21 -4.5 0.087 -9.000 -9.000 -999. 62. 13.1 0.0260 0.83 1.00 1.45 280.0 10.0 286.4 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
16 10 6 280 22 -6.4 0.104 -9.000 -9.000 -999. 80. 15.6 0.0260 0.83 1.00 1.72 285.0 10.0 285.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
16 10 6 280 23 -11.8 0.143 -9.000 -9.000 -999. 130. 22.6 0.0330 0.83 1.00 2.23 320.0 10.0 284.9 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
16 10 6 280 24 -10.5 0.135 -9.000 -9.000 -999. 119. 21.0 0.0330 0.83 1.00 2.11 303.0 10.0 284.2 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 1 -9.2 0.126 -9.000 -9.000 -999. 107. 19.5 0.0330 0.83 1.00 1.98 322.0 10.0 284.2 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
16 10 7 281 2 -9.2 0.126 -9.000 -9.000 -999. 108. 19.8 0.0380 0.83 1.00 1.94 331.0 10.0 283.1 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 3 -14.3 0.159 -9.000 -9.000 -999. 151. 27.6 0.0330 0.83 1.00 2.45 309.0 10.0 283.8 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 4 -6.9 0.108 -9.000 -9.000 -999. 86. 16.6 0.0330 0.83 1.00 1.72 318.0 10.0 283.8 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 5 -3.0 0.073 -9.000 -9.000 -999. 47. 11.7 0.0330 0.83 1.00 1.11 47.0 10.0 283.8 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 6 -6.8 0.106 -9.000 -9.000 -999. 83. 15.9 0.0260 0.83 1.00 1.76 299.0 10.0 282.0 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 7 -1.9 0.062 -9.000 -9.000 -999. 37. 11.6 0.0330 0.83 0.58 0.87 318.0 10.0 282.5 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 8 27.4 0.091 0.368 0.018 65. 66. -2.5 0.0310 0.83 0.30 0.89 1.0 10.0 288.1 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 9 86.4 0.196 0.767 0.013 188. 209. -7.9 0.0290 0.83 0.21 2.27 72.0 10.0 293.1 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 10 133.4 0.193 1.025 0.009 291. 203. -4.8 0.0290 0.83 0.19 2.10 83.0 10.0 296.4 2.0 0
0.00 31. 1010. 0 ADJ-A1 NoSubs
16 10 7 281 11 166.3 0.187 1.226 0.006 399. 195. -3.6 0.0300 0.83 0.18 1.94 117.0 10.0 300.4 2.0 0
0.00 21. 1009. 0 ADJ-A1 NoSubs
16 10 7 281 12 182.1 0.247 1.414 0.005 558. 294. -7.4 0.0290 0.83 0.18 2.83 70.0 10.0 302.0 2.0 0
0.00 18. 1008. 0 ADJ-A1 NoSubs
16 10 7 281 13 182.4 0.219 1.679 0.005 933. 247. -5.2 0.0330 0.83 0.18 2.34 40.0 10.0 304.9 2.0 0
0.00 13. 1007. 0 ADJ-A1 NoSubs
16 10 7 281 14 164.2 0.225 1.761 0.007 1197. 257. -6.3 0.0300 0.83 0.18 2.52 110.0 10.0 304.2 2.0 0
0.00 15. 1007. 0 ADJ-A1 NoSubs
16 10 7 281 15 130.5 0.195 1.696 0.008 1343. 207. -5.1 0.0230 0.83 0.19 2.25 188.0 10.0 304.2 2.0 0
0.00 14. 1006. 0 ADJ-A1 NoSubs
16 10 7 281 16 82.4 0.185 1.472 0.008 1388. 190. -6.8 0.0260 0.83 0.22 2.15 271.0 10.0 304.2 2.0 0
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16 10 7 281 17 22.9 0.167 0.963 0.008 1397. 163. -18.1 0.0380 0.83 0.33 1.98 227.0 10.0 302.5 2.0 0

0.00 16. 1006. 0 ADJ-A1 NoSubs
16 10 7 281 18 -2.9 0.072 -9.000 -9.000 -999. 51. 11.5 0.0260 0.83 0.68 1.16 290.0 10.0 299.2 2.0 0
0.00 22. 1006. 0 ADJ-A1 NoSubs
16 10 7 281 19 -17.7 0.182 -9.000 -9.000 -999. 186. 36.4 0.0230 0.83 1.00 2.96 180.0 10.0 288.8 2.0 0
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16 10 7 281 20 -5.2 0.093 -9.000 -9.000 -999. 72. 14.0 0.0230 0.83 1.00 1.59 209.0 10.0 288.8 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
16 10 7 281 21 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0330 0.83 1.00 1.57 305.0 10.0 289.2 2.0 0
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16 10 7 281 22 -11.3 0.141 -9.000 -9.000 -999. 127. 22.3 0.0330 0.83 1.00 2.20 315.0 10.0 289.2 2.0 0
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16 10 7 281 23 -17.4 0.179 -9.000 -9.000 -999. 181. 35.2 0.0330 0.83 1.00 2.74 310.0 10.0 289.2 2.0 0
0.00 45. 1007. 0 ADJ-A1 NoSubs
16 10 7 281 24 -8.2 0.118 -9.000 -9.000 -999. 98. 18.0 0.0260 0.83 1.00 1.94 270.0 10.0 288.1 2.0 0
0.00 50. 1008. 0 ADJ-A1 NoSubs
16 10 8 282 1 -17.3 0.177 -9.000 -9.000 -999. 178. 34.3 0.0330 0.83 1.00 2.71 318.0 10.0 287.5 2.0 0
0.00 50. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 2 -11.4 0.142 -9.000 -9.000 -999. 129. 22.6 0.0380 0.83 1.00 2.16 334.0 10.0 285.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 3 -2.9 0.073 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.08 229.0 10.0 288.8 2.0 0
0.00 46. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 4 -5.2 0.095 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.48 237.0 10.0 285.9 2.0 0
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16 10 8 282 5 -6.0 0.100 -9.000 -9.000 -999. 76. 15.1 0.0260 0.83 1.00 1.67 293.0 10.0 284.2 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 6 -8.3 0.120 -9.000 -9.000 -999. 99. 18.4 0.0330 0.83 1.00 1.89 322.0 10.0 282.0 2.0 0
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16 10 8 282 7 -8.9 0.129 -9.000 -9.000 -999. 111. 21.5 0.0330 0.83 0.58 2.01 305.0 10.0 285.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 8 27.5 0.139 -9.000 -9.000 -999. 125. -8.9 0.0330 0.83 0.30 1.59 311.0 10.0 291.4 2.0 0
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16 10 8 282 9 85.7 0.166 -9.000 -9.000 -999. 162. -4.8 0.0300 0.83 0.21 1.79 95.0 10.0 294.2 2.0 0
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16 10 8 282 10 133.4 0.175 -9.000 -9.000 -999. 176. -3.6 0.0340 0.83 0.19 1.77 135.0 10.0 298.8 2.0 0
0.00 23. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 11 166.0 0.179 -9.000 -9.000 -999. 182. -3.1 0.0340 0.83 0.18 1.77 130.0 10.0 302.0 2.0 0
0.00 17. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 12 181.8 0.237 -9.000 -9.000 -999. 277. -6.6 0.0370 0.83 0.18 2.54 177.0 10.0 303.8 2.0 0
0.00 17. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 13 180.2 0.322 -9.000 -9.000 -999. 439. -16.7 0.0230 0.83 0.18 4.20 191.0 10.0 303.8 2.0 0
0.00 12. 1006. 0 ADJ-A1 NoSubs
16 10 8 282 14 160.8 0.344 -9.000 -9.000 -999. 483. -22.6 0.0230 0.83 0.18 4.59 198.0 10.0 301.4 2.0 0
0.00 18. 1006. 0 ADJ-A1 NoSubs
16 10 8 282 15 126.8 0.292 -9.000 -9.000 -999. 381. -17.7 0.0230 0.83 0.19 3.83 196.0 10.0 300.9 2.0 0
0.00 18. 1006. 0 ADJ-A1 NoSubs
16 10 8 282 16 77.9 0.221 -9.000 -9.000 -999. 252. -12.5 0.0230 0.83 0.22 2.81 204.0 10.0 299.9 2.0 0
0.00 19. 1006. 0 ADJ-A1 NoSubs
16 10 8 282 17 18.1 0.191 -9.000 -9.000 -999. 200. -34.3 0.0230 0.83 0.33 2.62 185.0 10.0 297.0 2.0 0
0.00 28. 1006. 0 ADJ-A1 NoSubs
16 10 8 282 18 -18.0 0.188 -9.000 -9.000 -999. 195. 38.7 0.0370 0.83 0.69 2.81 154.0 10.0 288.8 2.0 0
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16 10 8 282 19 -9.9 0.130 -9.000 -9.000 -999. 113. 19.8 0.0230 0.83 1.00 2.16 185.0 10.0 287.0 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 20 -2.0 0.063 -9.000 -9.000 -999. 39. 11.6 0.0290 0.83 1.00 0.86 266.0 10.0 286.4 2.0 0

0.00 92. 1007. 0 ADJ-A1 NoSubs
16 10 8 282 21 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0330 0.83 1.00 1.26 304.0 10.0 287.0 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
16 10 8 282 22 -3.9 0.082 -9.000 -9.000 -999. 56. 12.7 0.0330 0.83 1.00 1.30 315.0 10.0 286.4 2.0 0
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16 10 8 282 23 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.83 1.00 1.77 309.0 10.0 285.9 2.0 0
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16 10 8 282 24 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0330 0.83 1.00 1.70 322.0 10.0 285.4 2.0 0
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16 10 9 283 1 -5.5 0.095 -9.000 -9.000 -999. 71. 14.3 0.0260 0.83 1.00 1.59 270.0 10.0 284.2 2.0 0
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16 10 9 283 2 -4.0 0.082 -9.000 -9.000 -999. 56. 12.4 0.0260 0.83 1.00 1.35 279.0 10.0 284.2 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
16 10 9 283 3 -16.9 0.173 -9.000 -9.000 -999. 173. 33.0 0.0330 0.83 1.00 2.66 315.0 10.0 284.9 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
16 10 9 283 4 -5.7 0.098 -9.000 -9.000 -999. 76. 15.0 0.0330 0.83 1.00 1.57 326.0 10.0 283.1 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
16 10 9 283 5 -13.1 0.152 -9.000 -9.000 -999. 142. 25.4 0.0380 0.83 1.00 2.30 330.0 10.0 283.1 2.0 0
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16 10 9 283 6 -6.2 0.102 -9.000 -9.000 -999. 78. 15.2 0.0260 0.83 1.00 1.69 295.0 10.0 282.5 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 7 -12.9 0.155 -9.000 -9.000 -999. 146. 26.4 0.0330 0.83 0.59 2.39 306.0 10.0 283.8 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 8 26.0 0.122 0.390 0.020 82. 102. -6.2 0.0330 0.83 0.30 1.33 311.0 10.0 290.4 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
16 10 9 283 9 84.5 0.112 0.756 0.016 184. 90. -1.5 0.0380 0.83 0.22 0.96 336.0 10.0 294.2 2.0 0
0.00 26. 1010. 0 ADJ-A1 NoSubs
16 10 9 283 10 131.0 0.180 0.997 0.012 272. 183. -4.0 0.0300 0.83 0.19 1.89 110.0 10.0 296.4 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
16 10 9 283 11 163.0 0.159 1.194 0.008 376. 152. -2.2 0.0370 0.83 0.18 1.45 173.0 10.0 299.2 2.0 0
0.00 20. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 12 178.0 0.332 1.351 0.005 499. 459. -18.5 0.0380 0.83 0.18 3.95 224.0 10.0 299.9 2.0 0
0.00 17. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 13 175.0 0.422 1.445 0.005 622. 657. -38.6 0.0380 0.83 0.18 5.31 230.0 10.0 297.5 2.0 0
0.00 24. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 14 156.4 0.393 1.525 0.005 817. 593. -35.0 0.0380 0.83 0.18 4.92 217.0 10.0 296.4 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 15 121.6 0.347 1.524 0.005 1049. 493. -31.0 0.0380 0.83 0.19 4.31 224.0 10.0 294.2 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 16 73.7 0.249 1.338 0.005 1171. 303. -18.8 0.0290 0.83 0.23 3.13 254.0 10.0 294.9 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 17 15.0 0.210 0.791 0.005 1188. 231. -55.4 0.0290 0.83 0.34 2.84 242.0 10.0 293.8 2.0 0
0.00 38. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 18 -18.2 0.187 -9.000 -9.000 -999. 193. 38.3 0.0230 0.83 0.71 3.03 197.0 10.0 287.5 2.0 0
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16 10 9 283 19 -13.0 0.151 -9.000 -9.000 -999. 141. 25.2 0.0370 0.83 1.00 2.30 168.0 10.0 284.9 2.0 0
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16 10 9 283 20 -2.5 0.067 -9.000 -9.000 -999. 45. 10.9 0.0230 0.83 1.00 1.04 200.0 10.0 285.4 2.0 0
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16 10 9 283 21 -1.9 0.062 -9.000 -9.000 -999. 37. 11.2 0.0230 0.83 1.00 0.87 202.0 10.0 284.9 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
16 10 9 283 22 -2.1 0.064 -9.000 -9.000 -999. 39. 11.0 0.0230 0.83 1.00 0.94 199.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 9 283 23 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.83 1.00 1.28 330.0 10.0 283.8 2.0 0

0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 9 283 24 -3.3 0.075 -9.000 -9.000 -999. 49. 11.5 0.0260 0.83 1.00 1.21 296.0 10.0 282.5 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
16 10 10 284 1 -8.9 0.123 -9.000 -9.000 -999. 103. 18.8 0.0290 0.83 1.00 1.98 250.0 10.0 283.1 2.0 0
0.00 100. 1010. 7 ADJ-A1 NoSubs
16 10 10 284 2 -6.2 0.103 -9.000 -9.000 -999. 79. 15.7 0.0330 0.83 1.00 1.64 310.0 10.0 282.5 2.0 0
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16 10 10 284 3 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0330 0.83 1.00 1.23 303.0 10.0 282.5 2.0 0
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16 10 10 284 4 -4.0 0.082 -9.000 -9.000 -999. 56. 12.3 0.0260 0.83 1.00 1.35 293.0 10.0 281.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
16 10 10 284 5 -1.2 0.058 -9.000 -9.000 -999. 33. 14.1 0.0290 0.83 1.00 0.58 258.0 10.0 281.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
16 10 10 284 6 -2.3 0.066 -9.000 -9.000 -999. 40. 11.1 0.0260 0.83 1.00 0.96 283.0 10.0 282.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 10 10 284 7 -3.3 0.077 -9.000 -9.000 -999. 52. 12.5 0.0380 0.83 0.60 1.18 351.0 10.0 282.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
16 10 10 284 8 2.7 0.110 0.165 0.019 59. 87. -43.6 0.0310 0.83 0.31 1.45 7.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 10 10 284 9 17.2 0.122 0.386 0.019 120. 102. -9.5 0.0330 0.83 0.22 1.40 321.0 10.0 284.2 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 10 10 284 10 29.3 0.245 0.503 0.015 156. 291. -45.3 0.0380 0.83 0.19 3.12 215.0 10.0 287.0 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 10 10 284 11 156.8 0.228 1.096 0.014 302. 262. -6.9 0.0230 0.83 0.18 2.73 199.0 10.0 288.1 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
16 10 10 284 12 171.7 0.280 1.221 0.011 383. 355. -11.5 0.0230 0.83 0.18 3.52 201.0 10.0 289.2 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
16 10 10 284 13 170.3 0.338 1.300 0.009 465. 471. -20.4 0.0380 0.83 0.18 4.05 229.0 10.0 290.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
16 10 10 284 14 152.3 0.383 1.335 0.008 563. 569. -33.3 0.0380 0.83 0.18 4.78 221.0 10.0 290.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
16 10 10 284 15 118.0 0.368 1.286 0.008 650. 536. -38.0 0.0380 0.83 0.19 4.63 229.0 10.0 289.2 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
16 10 10 284 16 69.6 0.363 1.104 0.007 696. 525. -62.0 0.0380 0.83 0.23 4.70 234.0 10.0 288.8 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
16 10 10 284 17 16.8 0.330 0.691 0.007 705. 455. -192.0 0.0380 0.83 0.34 4.46 232.0 10.0 287.5 2.0 0
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16 10 10 284 18 -19.7 0.201 -9.000 -9.000 -999. 226. 44.5 0.0290 0.83 0.72 3.13 242.0 10.0 287.5 2.0 0
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16 10 10 284 19 -21.1 0.214 -9.000 -9.000 -999. 238. 50.4 0.0380 0.83 1.00 3.17 230.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
16 10 10 284 20 -14.2 0.159 -9.000 -9.000 -999. 153. 27.9 0.0380 0.83 1.00 2.40 235.0 10.0 287.0 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 10 10 284 21 -8.0 0.117 -9.000 -9.000 -999. 96. 18.0 0.0290 0.83 1.00 1.89 241.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
16 10 10 284 22 -6.6 0.106 -9.000 -9.000 -999. 82. 16.1 0.0290 0.83 1.00 1.72 253.0 10.0 287.0 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 10 10 284 23 -7.1 0.109 -9.000 -9.000 -999. 87. 16.6 0.0260 0.83 1.00 1.81 284.0 10.0 287.0 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 10 10 284 24 -3.2 0.075 -9.000 -9.000 -999. 49. 11.6 0.0260 0.83 1.00 1.21 297.0 10.0 287.5 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
16 10 11 285 1 -2.6 0.068 -9.000 -9.000 -999. 43. 11.1 0.0260 0.83 1.00 1.06 292.0 10.0 287.5 2.0 0
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16 10 11 285 3 -4.0 0.082 -9.000 -9.000 -999. 56. 12.6 0.0290 0.83 1.00 1.33 257.0 10.0 287.0 2.0 0
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16 10 11 285 4 -3.3 0.075 -9.000 -9.000 -999. 50. 11.8 0.0290 0.83 1.00 1.20 244.0 10.0 287.0 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 10 11 285 5 -4.1 0.084 -9.000 -9.000 -999. 58. 13.2 0.0380 0.83 1.00 1.30 212.0 10.0 287.5 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
16 10 11 285 6 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0380 0.83 1.00 0.94 214.0 10.0 287.0 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 10 11 285 7 -3.9 0.084 -9.000 -9.000 -999. 58. 13.5 0.0380 0.83 0.61 1.30 211.0 10.0 287.5 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
16 10 11 285 8 3.9 0.121 0.314 0.005 288. 102. -41.8 0.0230 0.83 0.31 1.69 198.0 10.0 288.1 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
16 10 11 285 9 18.2 0.157 0.673 0.010 604. 150. -19.4 0.0230 0.83 0.22 2.08 185.0 10.0 288.8 2.0 0
0.00 66. 1013. 10 ADJ-A1 NoSubs
16 10 11 285 10 29.9 0.179 0.815 0.010 653. 182. -17.4 0.0380 0.83 0.19 2.12 222.0 10.0 289.9 2.0 0
0.00 64. 1013. 10 ADJ-A1 NoSubs
16 10 11 285 11 154.3 0.290 1.536 0.023 851. 375. -14.3 0.0380 0.83 0.18 3.37 211.0 10.0 291.4 2.0 0
0.00 57. 1014. 5 ADJ-A1 NoSubs
16 10 11 285 12 175.2 0.332 1.667 0.024 957. 458. -18.8 0.0380 0.83 0.18 3.95 211.0 10.0 291.4 2.0 0
0.00 57. 1013. 3 ADJ-A1 NoSubs
16 10 11 285 13 169.7 0.306 1.667 0.023 986. 406. -15.2 0.0380 0.83 0.18 3.57 231.0 10.0 292.5 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
16 10 11 285 14 151.2 0.327 1.617 0.022 1011. 449. -20.9 0.0380 0.83 0.18 3.93 231.0 10.0 291.4 2.0
0 0.00 55. 1012. 0 ADJ-A1 NoSubs
16 10 11 285 15 116.8 0.412 1.494 0.021 1031. 634. -54.0 0.0380 0.83 0.19 5.29 238.0 10.0 290.4 2.0
0 0.00 62. 1012. 0 ADJ-A1 NoSubs
16 10 11 285 16 68.7 0.345 1.258 0.020 1045. 489. -53.8 0.0290 0.83 0.23 4.66 240.0 10.0 290.9 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
16 10 11 285 17 10.0 0.316 0.662 0.020 1046. 427. -284.5 0.0380 0.83 0.35 4.31 229.0 10.0 288.8 2.0
0 0.00 77. 1012. 0 ADJ-A1 NoSubs
16 10 11 285 18 -17.7 0.180 -9.000 -9.000 -999. 195. 35.6 0.0380 0.83 0.74 2.69 233.0 10.0 287.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 10 11 285 19 -2.3 0.066 -9.000 -9.000 -999. 54. 11.3 0.0290 0.83 1.00 0.97 268.0 10.0 287.0 2.0 0
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16 10 11 285 20 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.83 1.00 1.35 32.0 10.0 288.1 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
16 10 11 285 21 -3.7 0.080 -9.000 -9.000 -999. 55. 12.7 0.0380 0.83 1.00 1.23 357.0 10.0 288.1 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
16 10 11 285 22 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0380 0.83 1.00 0.91 338.0 10.0 287.0 2.0 0
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16 10 11 285 24 -4.5 0.088 -9.000 -9.000 -999. 62. 13.5 0.0330 0.83 1.00 1.40 316.0 10.0 285.4 2.0 0
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16 10 12 286 1 -4.5 0.088 -9.000 -9.000 -999. 62. 13.5 0.0330 0.83 1.00 1.40 310.0 10.0 285.9 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 10 12 286 2 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0380 0.83 1.00 0.94 330.0 10.0 284.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 10 12 286 3 -8.5 0.121 -9.000 -9.000 -999. 101. 18.7 0.0330 0.83 1.00 1.91 315.0 10.0 284.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 10 12 286 4 -2.9 0.073 -9.000 -9.000 -999. 48. 11.9 0.0380 0.83 1.00 1.08 335.0 10.0 285.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
16 10 12 286 5 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.83 1.00 1.14 336.0 10.0 285.9 2.0 0

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16 10 12 286 6 -3.9 0.082 -9.000 -9.000 -999. 56. 12.7 0.0330 0.83 1.00 1.30 304.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 10 12 286 7 -4.0 0.084 -9.000 -9.000 -999. 58. 13.2 0.0310 0.83 0.61 1.35 28.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
16 10 12 286 8 25.0 0.105 0.608 0.015 324. 82. -4.2 0.0290 0.83 0.31 1.13 76.0 10.0 287.0 2.0 0
0.00 86. 1013. 7 ADJ-A1 NoSubs
16 10 12 286 9 17.9 0.176 0.561 0.017 356. 177. -27.3 0.0230 0.83 0.22 2.38 186.0 10.0 288.8 2.0 0
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16 10 12 286 10 128.5 0.233 1.233 0.022 528. 270. -8.9 0.0230 0.83 0.19 2.86 192.0 10.0 288.8 2.0 0
0.00 79. 1014. 3 ADJ-A1 NoSubs
16 10 12 286 11 154.7 0.271 1.435 0.022 692. 339. -11.7 0.0370 0.83 0.18 3.10 170.0 10.0 289.9 2.0 0
0.00 72. 1014. 0 ADJ-A1 NoSubs
16 10 12 286 12 173.2 0.324 1.505 0.020 712. 442. -17.7 0.0230 0.83 0.18 4.24 202.0 10.0 289.9 2.0 0
0.00 74. 1014. 3 ADJ-A1 NoSubs
16 10 12 286 13 164.1 0.362 1.491 0.019 731. 523. -26.2 0.0380 0.83 0.18 4.44 214.0 10.0 289.9 2.0 0
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16 10 12 286 14 148.8 0.261 1.454 0.017 747. 326. -10.8 0.0230 0.83 0.18 3.27 196.0 10.0 289.2 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
16 10 12 286 15 119.4 0.396 1.363 0.016 766. 598. -47.0 0.0380 0.83 0.19 5.05 226.0 10.0 288.8 2.0 0
0.00 79. 1013. 3 ADJ-A1 NoSubs
16 10 12 286 16 66.7 0.290 1.130 0.015 782. 381. -32.9 0.0380 0.83 0.23 3.61 220.0 10.0 289.9 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
16 10 12 286 17 8.3 0.199 0.565 0.015 782. 217. -85.3 0.0340 0.83 0.35 2.67 147.0 10.0 288.1 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
16 10 12 286 18 -16.9 0.171 -9.000 -9.000 -999. 170. 32.1 0.0230 0.83 0.75 2.79 180.0 10.0 285.9 2.0 0
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16 10 12 286 19 -2.6 0.069 -9.000 -9.000 -999. 50. 11.6 0.0340 0.83 1.00 1.01 138.0 10.0 286.4 2.0 0
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16 10 12 286 20 -2.3 0.067 -9.000 -9.000 -999. 41. 11.4 0.0310 0.83 1.00 0.96 10.0 10.0 285.9 2.0 0
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16 10 12 286 21 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0330 0.83 1.00 1.84 314.0 10.0 284.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 10 12 286 22 -6.8 0.107 -9.000 -9.000 -999. 85. 16.5 0.0330 0.83 1.00 1.71 304.0 10.0 284.9 2.0 0
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16 10 12 286 23 -7.7 0.114 -9.000 -9.000 -999. 93. 17.6 0.0330 0.83 1.00 1.81 324.0 10.0 283.8 2.0 0
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16 10 12 286 24 -11.1 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.83 1.00 2.16 305.0 10.0 283.1 2.0 0
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16 10 13 287 1 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0330 0.83 1.00 1.48 327.0 10.0 282.5 2.0 0
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16 10 13 287 2 -8.8 0.122 -9.000 -9.000 -999. 103. 18.9 0.0330 0.83 1.00 1.93 314.0 10.0 282.5 2.0 0
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16 10 13 287 3 -9.5 0.128 -9.000 -9.000 -999. 110. 19.8 0.0330 0.83 1.00 2.01 325.0 10.0 282.0 2.0 0
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16 10 13 287 4 -6.3 0.103 -9.000 -9.000 -999. 80. 15.8 0.0330 0.83 1.00 1.65 318.0 10.0 282.0 2.0 0
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16 10 13 287 5 -10.0 0.131 -9.000 -9.000 -999. 114. 20.4 0.0330 0.83 1.00 2.06 305.0 10.0 282.0 2.0 0
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16 10 13 287 6 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0330 0.83 1.00 1.21 307.0 10.0 282.0 2.0 0
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16 10 13 287 7 -3.3 0.076 -9.000 -9.000 -999. 51. 12.3 0.0330 0.83 0.62 1.20 313.0 10.0 282.5 2.0 0
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16 10 13 287 8 19.7 0.111 0.562 0.020 325. 89. -6.3 0.0380 0.83 0.31 1.18 224.0 10.0 284.2 2.0 0

0.00 96. 1012. 0 ADJ-A1 NoSubs
16 10 13 287 9 76.7 0.121 1.016 0.023 494. 101. -2.1 0.0380 0.83 0.22 1.09 213.0 10.0 286.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
16 10 13 287 10 122.6 0.150 1.245 0.022 569. 139. -2.5 0.0370 0.83 0.19 1.40 158.0 10.0 288.8 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
16 10 13 287 11 153.5 0.185 1.385 0.020 625. 191. -3.7 0.0370 0.83 0.18 1.84 163.0 10.0 290.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
16 10 13 287 12 168.8 0.216 1.495 0.019 716. 240. -5.4 0.0370 0.83 0.18 2.25 163.0 10.0 292.5 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
16 10 13 287 13 167.1 0.264 1.502 0.017 732. 325. -9.9 0.0230 0.83 0.18 3.27 201.0 10.0 293.1 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
16 10 13 287 14 148.4 0.303 1.449 0.016 740. 400. -16.9 0.0380 0.83 0.18 3.57 233.0 10.0 292.0 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
16 10 13 287 15 113.9 0.282 1.330 0.015 745. 360. -17.7 0.0380 0.83 0.19 3.34 225.0 10.0 290.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
16 10 13 287 16 65.1 0.242 1.106 0.014 748. 286. -19.6 0.0230 0.83 0.23 3.20 209.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
16 10 13 287 17 7.1 0.172 0.528 0.014 749. 173. -65.0 0.0230 0.83 0.36 2.45 196.0 10.0 288.8 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
16 10 13 287 18 -6.5 0.104 -9.000 -9.000 -999. 82. 15.6 0.0230 0.83 1.00 1.76 201.0 10.0 287.0 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
16 10 13 287 19 -4.6 0.089 -9.000 -9.000 -999. 63. 13.8 0.0380 0.83 1.00 1.38 229.0 10.0 287.0 2.0 0
0.00 96. 1011. 5 ADJ-A1 NoSubs
16 10 13 287 20 -5.2 0.094 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.47 233.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 10 13 287 21 -6.0 0.100 -9.000 -9.000 -999. 76. 15.3 0.0290 0.83 1.00 1.64 245.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 10 13 287 22 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.83 1.00 1.62 197.0 10.0 286.4 2.0 0
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16 10 13 287 23 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.83 1.00 1.04 176.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 10 13 287 24 -6.2 0.102 -9.000 -9.000 -999. 79. 15.6 0.0290 0.83 1.00 1.67 62.0 10.0 287.0 2.0 0
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16 10 14 288 1 -6.3 0.104 -9.000 -9.000 -999. 80. 15.9 0.0310 0.83 1.00 1.67 29.0 10.0 287.0 2.0 0
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16 10 14 288 2 -5.2 0.094 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.47 356.0 10.0 287.0 2.0 0
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16 10 14 288 3 -4.7 0.090 -9.000 -9.000 -999. 64. 13.8 0.0330 0.83 1.00 1.43 318.0 10.0 286.4 2.0 0
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16 10 14 288 4 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.83 1.00 1.09 326.0 10.0 287.0 2.0 0
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0.00 92. 1010. 10 ADJ-A1 NoSubs
16 10 14 288 7 -1.7 0.061 -9.000 -9.000 -999. 36. 11.5 0.0260 0.83 0.63 0.82 283.0 10.0 287.5 2.0 0
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16 10 14 288 8 2.9 0.109 0.257 0.005 215. 86. -40.6 0.0310 0.83 0.32 1.43 9.0 10.0 287.5 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
16 10 14 288 9 17.3 0.133 0.626 0.006 510. 117. -12.3 0.0310 0.83 0.22 1.59 29.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 10 14 288 10 29.0 0.134 0.790 0.008 612. 118. -7.5 0.0310 0.83 0.19 1.52 29.0 10.0 289.9 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
16 10 14 288 11 37.0 0.121 0.875 0.008 653. 101. -4.3 0.0290 0.83 0.18 1.30 70.0 10.0 290.9 2.0 0

0.00 74. 1010. 10 ADJ-A1 NoSubs
16 10 14 288 12 41.0 0.164 0.925 0.007 695. 160. -9.7 0.0330 0.83 0.18 1.89 312.0 10.0 292.0 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
16 10 14 288 13 40.5 0.370 0.938 0.007 734. 540. -112.5 0.0230 0.83 0.18 5.38 195.0 10.0 292.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
16 10 14 288 14 35.9 0.471 0.915 0.007 767. 776. -262.6 0.0230 0.83 0.18 7.01 198.0 10.0 292.0 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
16 10 14 288 15 27.4 0.515 0.843 0.006 786. 886. -448.8 0.0230 0.83 0.20 7.72 194.0 10.0 292.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
16 10 14 288 16 15.0 0.471 0.693 0.007 795. 777. -623.8 0.0230 0.83 0.24 7.08 191.0 10.0 291.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
16 10 14 288 17 0.2 0.315 0.173 0.007 795. 443. -8888.0 0.0230 0.83 0.36 4.78 206.0 10.0 290.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 10 14 288 18 -30.4 0.313 -9.000 -9.000 -999. 420. 107.6 0.0230 0.83 1.00 4.97 206.0 10.0 290.4 2.0
0 0.00 96. 1008. 10 ADJ-A1 NoSubs
16 10 14 288 19 -36.1 0.371 -9.000 -9.000 -999. 542. 151.2 0.0230 0.83 1.00 5.85 204.0 10.0 289.9 2.0
0 0.00 100. 1009. 10 ADJ-A1 NoSubs
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0 0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 14 288 21 -24.9 0.255 -9.000 -9.000 -999. 311. 71.7 0.0230 0.83 1.00 4.09 203.0 10.0 289.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 14 288 22 -28.0 0.287 -9.000 -9.000 -999. 369. 90.8 0.0230 0.83 1.00 4.58 208.0 10.0 289.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 14 288 23 -20.9 0.214 -9.000 -9.000 -999. 240. 50.4 0.0380 0.83 1.00 3.17 225.0 10.0 289.9 2.0 0
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16 10 14 288 24 -21.0 0.215 -9.000 -9.000 -999. 239. 50.8 0.0380 0.83 1.00 3.18 237.0 10.0 289.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 15 289 1 -17.8 0.183 -9.000 -9.000 -999. 188. 36.7 0.0290 0.83 1.00 2.86 256.0 10.0 289.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 15 289 2 -8.6 0.122 -9.000 -9.000 -999. 103. 18.8 0.0290 0.83 1.00 1.96 263.0 10.0 289.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 15 289 3 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0290 0.83 1.00 1.65 251.0 10.0 289.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 15 289 4 -3.5 0.079 -9.000 -9.000 -999. 53. 12.6 0.0380 0.83 1.00 1.21 232.0 10.0 288.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 15 289 5 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.83 1.00 1.25 220.0 10.0 289.1 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 15 289 6 -2.0 0.063 -9.000 -9.000 -999. 38. 11.0 0.0230 0.83 1.00 0.91 186.0 10.0 288.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 15 289 7 -1.6 0.059 -9.000 -9.000 -999. 34. 11.6 0.0230 0.83 0.64 0.77 182.0 10.0 289.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 15 289 8 3.1 0.120 0.250 0.005 179. 100. -49.7 0.0230 0.83 0.32 1.69 186.0 10.0 289.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 15 289 9 17.2 0.222 0.571 0.005 389. 251. -57.2 0.0380 0.83 0.22 2.86 225.0 10.0 289.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 15 289 10 28.8 0.179 0.699 0.005 426. 183. -18.0 0.0290 0.83 0.19 2.25 261.0 10.0 290.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 10 15 289 11 126.5 0.138 1.346 0.009 695. 124. -1.9 0.0260 0.83 0.18 1.35 296.0 10.0 292.5 2.0 0
0.00 86. 1008. 7 ADJ-A1 NoSubs
16 10 15 289 12 138.6 0.251 1.502 0.009 880. 302. -10.3 0.0230 0.83 0.18 3.13 207.0 10.0 294.9 2.0 0
0.00 72. 1008. 7 ADJ-A1 NoSubs
16 10 15 289 13 165.4 0.405 1.616 0.008 918. 618. -36.0 0.0230 0.83 0.18 5.58 205.0 10.0 295.9 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
16 10 15 289 14 36.0 0.519 0.975 0.008 925. 898. -349.6 0.0380 0.83 0.18 7.11 210.0 10.0 293.1 2.0 0

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16 10 15 289 16 57.3 0.612 1.146 0.006 943. 1148. -359.1 0.0230 0.83 0.24 9.15 193.0 10.0 292.0 2.0
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16 10 15 289 17 12.4 0.606 0.688 0.006 945. 1133. -1615.1 0.0230 0.83 0.37 9.17 192.0 10.0 290.9 2.0
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0 0.00 93. 1006. 10 ADJ-A1 NoSubs
16 10 15 289 19 -51.9 0.535 -9.000 -9.000 -999. 939. 315.2 0.0230 0.83 1.00 8.32 186.0 10.0 290.4 2.0
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16 10 15 289 20 -47.0 0.485 -9.000 -9.000 -999. 814. 258.9 0.0230 0.83 1.00 7.57 183.0 10.0 290.4 2.0
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16 10 15 289 21 -50.2 0.517 -9.000 -9.000 -999. 892. 294.3 0.0230 0.83 1.00 8.05 187.0 10.0 290.4 2.0
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16 10 15 289 23 -45.5 0.469 -9.000 -9.000 -999. 773. 242.1 0.0230 0.83 1.00 7.33 191.0 10.0 290.4 2.0
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0.00 100. 1007. 10 ADJ-A1 NoSubs
16 10 16 290 2 -35.7 0.367 -9.000 -9.000 -999. 534. 148.1 0.0370 0.83 1.00 5.34 159.0 10.0 289.9 2.0 0
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16 10 16 290 3 -18.1 0.187 -9.000 -9.000 -999. 221. 38.4 0.0340 0.83 1.00 2.84 136.0 10.0 289.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
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16 10 16 290 5 -23.9 0.246 -9.000 -9.000 -999. 293. 66.5 0.0340 0.83 1.00 3.69 149.0 10.0 289.2 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 10 16 290 6 -18.8 0.194 -9.000 -9.000 -999. 206. 41.4 0.0370 0.83 1.00 2.90 157.0 10.0 289.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 10 16 290 7 -19.2 0.205 -9.000 -9.000 -999. 222. 46.1 0.0370 0.83 0.65 3.05 150.0 10.0 289.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 10 16 290 8 3.1 0.333 0.223 0.005 128. 462. -1078.3 0.0340 0.83 0.32 4.71 140.0 10.0 289.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 10 16 290 9 17.1 0.294 0.494 0.005 253. 383. -133.2 0.0370 0.83 0.22 3.95 155.0 10.0 289.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 10 16 290 10 28.5 0.452 0.651 0.006 347. 728. -289.5 0.0370 0.83 0.19 6.19 169.0 10.0 290.4 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
16 10 16 290 11 36.1 0.618 0.761 0.005 438. 1165. -586.4 0.0230 0.83 0.18 9.29 185.0 10.0 290.4 2.0
0 0.00 100. 1005. 10 ADJ-A1 NoSubs
16 10 16 290 12 39.6 0.688 0.831 0.005 520. 1366. -735.7 0.0230 0.83 0.18 10.36 183.0 10.0 290.4 2.0
0 0.00 999. 1005. 10 ADJ-A1 NoSubs
16 10 16 290 13 39.3 0.761 0.866 0.005 590. 1588. -1002.5 0.0370 0.83 0.18 10.58 174.0 10.0 290.9 2.0
0 0.00 999. 1004. 10 ADJ-A1 NoSubs
16 10 16 290 14 34.7 0.640 0.856 0.005 646. 1248. -675.2 0.0230 0.83 0.18 9.63 181.0 10.0 290.9 2.0
0 0.00 999. 1004. 10 ADJ-A1 NoSubs
16 10 16 290 15 25.9 0.700 0.827 0.005 782. 1403. -1185.2 0.0230 0.83 0.20 10.58 183.0 10.0 290.4 2.0
0 0.00 999. 1004. 10 ADJ-A1 NoSubs
16 10 16 290 16 13.8 0.716 0.673 0.005 788. 1453. -2382.0 0.0230 0.83 0.24 10.85 186.0 10.0 290.4 2.0
0 0.00 999. 1004. 10 ADJ-A1 NoSubs
16 10 16 290 17 -5.2 0.441 -9.000 -9.000 -999. 787. 1475.6 0.0380 0.83 0.38 6.16 213.0 10.0 289.2 2.0

0 0.00 999. 1005. 10 ADJ-A1 NoSubs
16 10 16 290 18 -27.2 0.279 -9.000 -9.000 -999. 388. 85.9 0.0230 0.83 1.00 4.46 206.0 10.0 288.8 2.0 0 0.00 999. 1005. 10 ADJ-A1 NoSubs
16 10 16 290 19 -33.9 0.348 -9.000 -9.000 -999. 493. 133.4 0.0230 0.83 1.00 5.51 200.0 10.0 289.2 2.0 0 0.00 999. 1005. 10 ADJ-A1 NoSubs
16 10 16 290 20 -39.8 0.409 -9.000 -9.000 -999. 628. 184.2 0.0230 0.83 1.00 6.43 189.0 10.0 289.2 2.0 0 0.00 100. 1005. 10 ADJ-A1 NoSubs
16 10 16 290 21 -42.4 0.436 -9.000 -9.000 -999. 692. 209.6 0.0230 0.83 1.00 6.84 193.0 10.0 289.9 2.0 0 0.00 100. 1006. 10 ADJ-A1 NoSubs
16 10 16 290 22 -42.2 0.434 -9.000 -9.000 -999. 687. 207.7 0.0230 0.83 1.00 6.81 202.0 10.0 289.9 2.0 0 0.00 100. 1006. 10 ADJ-A1 NoSubs
16 10 16 290 23 -38.0 0.390 -9.000 -9.000 -999. 586. 167.3 0.0230 0.83 1.00 6.14 202.0 10.0 289.2 2.0 0 0.00 100. 1007. 10 ADJ-A1 NoSubs
16 10 16 290 24 -33.1 0.339 -9.000 -9.000 -999. 475. 126.1 0.0380 0.83 1.00 4.92 217.0 10.0 288.8 2.0 0 0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 17 291 1 -21.8 0.223 -9.000 -9.000 -999. 260. 54.5 0.0380 0.83 1.00 3.29 225.0 10.0 288.8 2.0 0 0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 17 291 2 -8.3 0.121 -9.000 -9.000 -999. 106. 19.0 0.0380 0.83 1.00 1.86 239.0 10.0 288.1 2.0 0 0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 17 291 3 -4.1 0.085 -9.000 -9.000 -999. 59. 13.3 0.0380 0.83 1.00 1.31 336.0 10.0 288.1 2.0 0 0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 17 291 4 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0330 0.83 1.00 1.26 322.0 10.0 287.5 2.0 0 0.00 100. 1009. 10 ADJ-A1 NoSubs
16 10 17 291 5 -5.5 0.098 -9.000 -9.000 -999. 73. 15.2 0.0380 0.83 1.00 1.52 346.0 10.0 287.0 2.0 0 0.00 100. 1010. 10 ADJ-A1 NoSubs
16 10 17 291 6 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0330 0.83 1.00 1.96 310.0 10.0 285.4 2.0 0 0.00 100. 1011. 0 ADJ-A1 NoSubs
16 10 17 291 7 -9.4 0.128 -9.000 -9.000 -999. 110. 20.2 0.0330 0.83 0.66 2.01 313.0 10.0 285.4 2.0 0 0.00 100. 1011. 10 ADJ-A1 NoSubs
16 10 17 291 8 20.8 0.163 0.555 0.005 295. 158. -18.8 0.0260 0.83 0.33 2.10 298.0 10.0 287.5 2.0 0 0.00 96. 1012. 7 ADJ-A1 NoSubs
16 10 17 291 9 65.0 0.124 1.064 0.005 669. 105. -2.7 0.0330 0.83 0.22 1.21 36.0 10.0 289.9 2.0 0 0.00 89. 1012. 7 ADJ-A1 NoSubs
16 10 17 291 10 118.0 0.176 1.528 0.005 1093. 178. -4.2 0.0380 0.83 0.19 1.77 229.0 10.0 290.4 2.0 0 0.00 77. 1012. 0 ADJ-A1 NoSubs
16 10 17 291 11 152.9 0.208 1.780 0.005 1334. 228. -5.3 0.0290 0.83 0.18 2.30 266.0 10.0 291.4 2.0 0 0.00 62. 1012. 3 ADJ-A1 NoSubs
16 10 17 291 12 167.5 0.323 1.884 0.005 1443. 440. -18.1 0.0380 0.83 0.18 3.83 238.0 10.0 293.1 2.0 0 0.00 64. 1012. 3 ADJ-A1 NoSubs
16 10 17 291 13 161.0 0.399 1.919 0.005 1588. 605. -35.6 0.0380 0.83 0.18 5.00 220.0 10.0 292.5 2.0 0 0.00 65. 1011. 0 ADJ-A1 NoSubs
16 10 17 291 14 146.9 0.426 1.913 0.006 1721. 668. -47.6 0.0380 0.83 0.18 5.44 232.0 10.0 292.5 2.0 0 0.00 65. 1011. 3 ADJ-A1 NoSubs
16 10 17 291 15 93.0 0.360 1.668 0.006 1803. 522. -45.2 0.0380 0.83 0.20 4.58 238.0 10.0 293.1 2.0 0 0.00 62. 1011. 7 ADJ-A1 NoSubs
16 10 17 291 16 54.4 0.320 1.404 0.006 1835. 435. -54.0 0.0290 0.83 0.24 4.32 241.0 10.0 290.9 2.0 0 0.00 69. 1011. 7 ADJ-A1 NoSubs
16 10 17 291 17 8.9 0.141 0.768 0.006 1842. 157. -28.8 0.0260 0.83 0.38 1.88 280.0 10.0 292.0 2.0 0 0.00 69. 1011. 3 ADJ-A1 NoSubs
16 10 17 291 18 -4.6 0.088 -9.000 -9.000 -999. 65. 13.4 0.0260 0.83 1.00 1.47 288.0 10.0 290.4 2.0 0 0.00 75. 1011. 3 ADJ-A1 NoSubs
16 10 17 291 19 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0290 0.83 1.00 1.59 62.0 10.0 288.1 2.0 0 0.00 89. 1012. 0 ADJ-A1 NoSubs
16 10 17 291 20 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0380 0.83 1.00 1.43 356.0 10.0 287.0 2.0 0

0.00 96. 1012. 0 ADJ-A1 NoSubs
16 10 17 291 21 -8.3 0.119 -9.000 -9.000 -999. 98. 18.4 0.0330 0.83 1.00 1.88 317.0 10.0 285.4 2.0 0
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16 10 17 291 22 -11.5 0.141 -9.000 -9.000 -999. 127. 22.1 0.0330 0.83 1.00 2.20 314.0 10.0 284.9 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 10 17 291 23 -15.0 0.162 -9.000 -9.000 -999. 157. 28.9 0.0330 0.83 1.00 2.50 306.0 10.0 284.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 10 17 291 24 -13.4 0.153 -9.000 -9.000 -999. 144. 25.7 0.0330 0.83 1.00 2.37 307.0 10.0 283.8 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 10 18 292 1 -12.9 0.149 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 318.0 10.0 283.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 10 18 292 2 -11.7 0.143 -9.000 -9.000 -999. 129. 22.3 0.0330 0.83 1.00 2.22 312.0 10.0 283.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 10 18 292 3 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0330 0.83 1.00 1.79 325.0 10.0 283.1 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 10 18 292 4 -13.2 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.83 1.00 2.35 310.0 10.0 283.1 2.0 0
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16 10 18 292 5 -12.1 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 315.0 10.0 282.5 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 10 18 292 6 -9.4 0.126 -9.000 -9.000 -999. 108. 19.6 0.0330 0.83 1.00 1.99 316.0 10.0 282.5 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 10 18 292 7 -9.0 0.125 -9.000 -9.000 -999. 106. 19.5 0.0330 0.83 0.67 1.96 328.0 10.0 282.5 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
16 10 18 292 8 14.6 0.114 0.317 0.007 79. 92. -9.1 0.0330 0.83 0.33 1.30 307.0 10.0 285.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
16 10 18 292 9 70.8 0.163 0.861 0.006 327. 157. -5.5 0.0300 0.83 0.23 1.79 111.0 10.0 287.5 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
16 10 18 292 10 116.5 0.243 1.139 0.006 460. 287. -11.1 0.0340 0.83 0.19 2.81 132.0 10.0 289.9 2.0 0
0.00 77. 1016. 0 ADJ-A1 NoSubs
16 10 18 292 11 147.2 0.223 1.430 0.006 720. 252. -6.8 0.0370 0.83 0.18 2.40 157.0 10.0 291.4 2.0 0
0.00 65. 1016. 0 ADJ-A1 NoSubs
16 10 18 292 12 161.7 0.288 1.562 0.007 854. 371. -13.4 0.0230 0.83 0.18 3.68 193.0 10.0 292.5 2.0 0
0.00 62. 1015. 0 ADJ-A1 NoSubs
16 10 18 292 13 160.2 0.301 1.598 0.006 923. 396. -15.4 0.0370 0.83 0.18 3.54 175.0 10.0 294.2 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
16 10 18 292 14 142.5 0.227 1.580 0.005 1001. 262. -7.4 0.0330 0.83 0.18 2.54 306.0 10.0 295.9 2.0 0
0.00 43. 1013. 0 ADJ-A1 NoSubs
16 10 18 292 15 108.8 0.222 1.486 0.005 1092. 251. -9.1 0.0340 0.83 0.20 2.52 124.0 10.0 297.0 2.0 0
0.00 39. 1013. 0 ADJ-A1 NoSubs
16 10 18 292 16 59.8 0.246 1.241 0.005 1154. 293. -22.5 0.0380 0.83 0.24 2.98 344.0 10.0 295.9 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
16 10 18 292 17 2.3 0.256 0.420 0.005 1148. 312. -654.1 0.0330 0.83 0.39 3.63 320.0 10.0 294.2 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
16 10 18 292 18 -21.8 0.224 -9.000 -9.000 -999. 254. 55.1 0.0330 0.83 1.00 3.39 318.0 10.0 291.4 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
16 10 18 292 19 -15.1 0.164 -9.000 -9.000 -999. 160. 29.4 0.0330 0.83 1.00 2.52 315.0 10.0 289.9 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
16 10 18 292 20 -19.9 0.202 -9.000 -9.000 -999. 217. 44.7 0.0330 0.83 1.00 3.07 319.0 10.0 288.1 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
16 10 18 292 21 -11.5 0.141 -9.000 -9.000 -999. 128. 22.2 0.0330 0.83 1.00 2.20 305.0 10.0 286.4 2.0 0
0.00 83. 1015. 0 ADJ-A1 NoSubs
16 10 18 292 22 -4.5 0.088 -9.000 -9.000 -999. 63. 13.5 0.0330 0.83 1.00 1.40 303.0 10.0 284.9 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 10 18 292 23 -7.1 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.83 1.00 1.74 309.0 10.0 284.2 2.0 0

0.00 92. 1016. 0 ADJ-A1 NoSubs
16 10 18 292 24 -11.3 0.140 -9.000 -9.000 -999. 125. 21.8 0.0330 0.83 1.00 2.18 308.0 10.0 283.8 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 1 -9.1 0.124 -9.000 -9.000 -999. 105. 19.3 0.0330 0.83 1.00 1.96 315.0 10.0 283.8 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 2 -9.9 0.130 -9.000 -9.000 -999. 112. 20.2 0.0330 0.83 1.00 2.04 313.0 10.0 283.1 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 3 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0330 0.83 1.00 1.84 308.0 10.0 283.1 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 4 -10.0 0.131 -9.000 -9.000 -999. 113. 20.3 0.0330 0.83 1.00 2.05 310.0 10.0 282.5 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 5 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.83 1.00 1.86 307.0 10.0 282.5 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 10 19 293 6 -12.9 0.149 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 310.0 10.0 282.5 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 7 -9.7 0.129 -9.000 -9.000 -999. 112. 20.3 0.0330 0.83 0.68 2.03 316.0 10.0 283.1 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 8 13.5 0.120 0.340 0.008 105. 99. -11.5 0.0330 0.83 0.33 1.40 314.0 10.0 285.9 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 9 70.1 0.117 0.701 0.006 178. 97. -2.1 0.0340 0.83 0.23 1.09 145.0 10.0 289.2 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
16 10 19 293 10 116.0 0.150 1.200 0.006 541. 139. -2.6 0.0290 0.83 0.19 1.50 86.0 10.0 292.0 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 11 147.5 0.187 1.416 0.006 698. 194. -4.0 0.0290 0.83 0.18 1.99 62.0 10.0 295.4 2.0 0
0.00 40. 1016. 0 ADJ-A1 NoSubs
16 10 19 293 12 162.7 0.165 1.550 0.012 830. 162. -2.5 0.0310 0.83 0.18 1.62 9.0 10.0 297.5 2.0 0
0.00 34. 1015. 0 ADJ-A1 NoSubs
16 10 19 293 13 159.6 0.281 1.578 0.012 892. 358. -12.6 0.0230 0.83 0.18 3.57 193.0 10.0 295.9 2.0 0
0.00 38. 1014. 0 ADJ-A1 NoSubs
16 10 19 293 14 141.0 0.298 1.631 0.014 1114. 390. -16.9 0.0380 0.83 0.18 3.51 218.0 10.0 295.9 2.0
0 0.00 40. 1014. 0 ADJ-A1 NoSubs
16 10 19 293 15 107.0 0.234 1.512 0.013 1171. 273. -10.8 0.0290 0.83 0.20 2.79 241.0 10.0 296.4 2.0
0 0.00 36. 1014. 0 ADJ-A1 NoSubs
16 10 19 293 16 58.5 0.185 1.248 0.013 1200. 191. -9.7 0.0380 0.83 0.25 2.06 228.0 10.0 296.4 2.0 0
0.00 33. 1013. 0 ADJ-A1 NoSubs
16 10 19 293 17 1.3 0.129 0.352 0.013 1199. 112. -148.1 0.0370 0.83 0.39 1.74 179.0 10.0 294.9 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
16 10 19 293 18 -6.0 0.102 -9.000 -9.000 -999. 78. 16.0 0.0380 0.83 1.00 1.59 212.0 10.0 291.4 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
16 10 19 293 19 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0330 0.83 1.00 1.64 314.0 10.0 288.8 2.0 0
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16 10 19 293 20 -6.0 0.100 -9.000 -9.000 -999. 76. 15.3 0.0290 0.83 1.00 1.64 263.0 10.0 286.4 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
16 10 19 293 21 -5.0 0.091 -9.000 -9.000 -999. 66. 13.8 0.0260 0.83 1.00 1.52 277.0 10.0 287.0 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
16 10 19 293 22 -10.0 0.131 -9.000 -9.000 -999. 114. 20.5 0.0330 0.83 1.00 2.06 312.0 10.0 285.4 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
16 10 19 293 23 -11.0 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.15 317.0 10.0 284.9 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
16 10 19 293 24 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 311.0 10.0 284.9 2.0 0
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16 10 20 294 1 -10.4 0.134 -9.000 -9.000 -999. 118. 20.9 0.0330 0.83 1.00 2.10 312.0 10.0 284.2 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
16 10 20 294 2 -12.9 0.149 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 314.0 10.0 284.2 2.0 0

0.00 76. 1014. 0 ADJ-A1 NoSubs
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16 10 20 294 5 -11.6 0.142 -9.000 -9.000 -999. 128. 22.2 0.0330 0.83 1.00 2.21 318.0 10.0 283.1 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
16 10 20 294 6 -6.3 0.103 -9.000 -9.000 -999. 79. 15.7 0.0330 0.83 1.00 1.64 314.0 10.0 282.5 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
16 10 20 294 7 -2.9 0.071 -9.000 -9.000 -999. 46. 11.3 0.0260 0.83 0.69 1.13 276.0 10.0 283.8 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
16 10 20 294 8 12.7 0.110 0.300 0.018 76. 88. -9.5 0.0380 0.83 0.34 1.23 338.0 10.0 287.0 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
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0.00 57. 1015. 0 ADJ-A1 NoSubs
16 10 20 294 10 115.4 0.140 0.975 0.012 291. 126. -2.2 0.0300 0.83 0.19 1.35 105.0 10.0 293.8 2.0 0
0.00 44. 1014. 0 ADJ-A1 NoSubs
16 10 20 294 11 147.6 0.164 1.126 0.009 350. 160. -2.7 0.0340 0.83 0.18 1.59 125.0 10.0 298.1 2.0 0
0.00 32. 1013. 0 ADJ-A1 NoSubs
16 10 20 294 12 162.5 0.163 1.220 0.006 404. 157. -2.4 0.0340 0.83 0.18 1.54 144.0 10.0 299.9 2.0 0
0.00 28. 1013. 0 ADJ-A1 NoSubs
16 10 20 294 13 160.9 0.220 1.408 0.007 627. 248. -6.0 0.0370 0.83 0.18 2.33 172.0 10.0 300.9 2.0 0
0.00 28. 1012. 0 ADJ-A1 NoSubs
16 10 20 294 14 142.3 0.253 1.492 0.007 843. 305. -10.3 0.0380 0.83 0.18 2.84 232.0 10.0 300.9 2.0 0
0.00 27. 1011. 0 ADJ-A1 NoSubs
16 10 20 294 15 108.0 0.228 1.388 0.007 893. 262. -9.9 0.0230 0.83 0.20 2.83 194.0 10.0 300.9 2.0 0
0.00 27. 1011. 0 ADJ-A1 NoSubs
16 10 20 294 16 59.5 0.222 1.149 0.006 919. 251. -16.5 0.0230 0.83 0.25 2.89 192.0 10.0 300.9 2.0 0
0.00 28. 1010. 0 ADJ-A1 NoSubs
16 10 20 294 17 0.8 0.172 0.274 0.007 913. 172. -566.8 0.0230 0.83 0.40 2.59 181.0 10.0 296.4 2.0 0
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16 10 20 294 19 -3.5 0.079 -9.000 -9.000 -999. 53. 12.6 0.0380 0.83 1.00 1.21 222.0 10.0 289.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 Sub_CC
16 10 20 294 20 -2.4 0.067 -9.000 -9.000 -999. 42. 11.3 0.0290 0.83 1.00 0.99 260.0 10.0 288.8 2.0 0
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16 10 20 294 21 -6.3 0.103 -9.000 -9.000 -999. 80. 16.0 0.0330 0.83 1.00 1.65 315.0 10.0 288.8 2.0 0
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16 10 21 295 1 -6.3 0.103 -9.000 -9.000 -999. 80. 15.9 0.0330 0.83 1.00 1.65 300.0 10.0 285.9 2.0 0
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16 10 21 295 2 -10.5 0.135 -9.000 -9.000 -999. 119. 21.1 0.0330 0.83 1.00 2.11 310.0 10.0 285.9 2.0 0
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16 10 21 295 3 -13.4 0.154 -9.000 -9.000 -999. 145. 26.0 0.0330 0.83 1.00 2.38 309.0 10.0 285.9 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
16 10 21 295 4 -3.3 0.076 -9.000 -9.000 -999. 52. 11.7 0.0260 0.83 1.00 1.23 293.0 10.0 284.9 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
16 10 21 295 5 -5.7 0.097 -9.000 -9.000 -999. 73. 14.6 0.0260 0.83 1.00 1.62 296.0 10.0 284.2 2.0 0

0.00 86. 1009. 0 ADJ-A1 NoSubs
16 10 21 295 6 -7.0 0.109 -9.000 -9.000 -999. 86. 16.6 0.0290 0.83 1.00 1.77 253.0 10.0 284.2 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
16 10 21 295 7 -6.9 0.108 -9.000 -9.000 -999. 85. 16.4 0.0260 0.83 0.70 1.79 277.0 10.0 284.9 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
16 10 21 295 8 12.0 0.081 0.268 0.019 58. 55. -4.0 0.0290 0.83 0.34 0.86 251.0 10.0 288.1 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
16 10 21 295 9 68.0 0.133 0.660 0.015 152. 116. -3.1 0.0340 0.83 0.23 1.31 138.0 10.0 290.4 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
16 10 21 295 10 114.1 0.161 1.004 0.012 319. 155. -3.3 0.0370 0.83 0.19 1.57 166.0 10.0 293.8 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
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0.00 50. 1009. 0 ADJ-A1 NoSubs
16 10 21 295 12 160.2 0.156 1.279 0.007 470. 148. -2.1 0.0340 0.83 0.18 1.45 149.0 10.0 298.1 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
16 10 21 295 13 158.4 0.271 1.324 0.005 527. 338. -11.2 0.0230 0.83 0.18 3.40 194.0 10.0 299.2 2.0 0
0.00 37. 1007. 0 ADJ-A1 NoSubs
16 10 21 295 14 139.5 0.259 1.378 0.006 674. 316. -11.1 0.0230 0.83 0.19 3.25 182.0 10.0 298.8 2.0 0
0.00 36. 1006. 0 ADJ-A1 NoSubs
16 10 21 295 15 103.9 0.286 1.347 0.006 845. 366. -20.1 0.0370 0.83 0.20 3.44 177.0 10.0 296.4 2.0 0
0.00 47. 1006. 0 ADJ-A1 NoSubs
16 10 21 295 16 54.0 0.251 1.104 0.006 896. 302. -26.2 0.0340 0.83 0.25 3.14 140.0 10.0 293.1 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
16 10 21 295 17 -3.0 0.229 -9.000 -9.000 -999. 264. 358.3 0.0340 0.83 0.40 3.32 141.0 10.0 289.9 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
16 10 21 295 18 -15.3 0.166 -9.000 -9.000 -999. 163. 30.2 0.0370 0.83 1.00 2.50 154.0 10.0 287.5 2.0 0
0.00 96. 1006. 0 ADJ-A1 NoSubs
16 10 21 295 19 -10.8 0.138 -9.000 -9.000 -999. 123. 21.8 0.0370 0.83 1.00 2.11 156.0 10.0 286.4 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
16 10 21 295 20 -3.3 0.075 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.25 201.0 10.0 287.0 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
16 10 21 295 21 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.83 1.00 1.69 312.0 10.0 286.4 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
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0 0.00 100. 1007. 99 ADJ-A1 NoSubs
16 10 21 295 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 999.00 999.0 -9.0 285.9 2.0
0 0.00 999. 1006. 99 NAD Sub_TT
16 10 21 295 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 999.00 999.0 -9.0 285.9 2.0
0 0.00 999. 1006. 99 NAD Sub_TT
16 10 22 296 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 10 22 296 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1007. 99 NAD NoSubs
16 10 22 296 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 10 22 296 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 10 22 296 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 10 22 296 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 10 22 296 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.71 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1007. 99 NAD NoSubs
16 10 22 296 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.34 999.00 999.0 -9.0 999.0 -9.0

0 0.00 999. 1007. 99 NAD NoSubs
16 10 22 296 9 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.23 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1007. 99 NAD NoSubs
16 10 22 296 10 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.20 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1007. 99 NAD NoSubs
16 10 22 296 11 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.18 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1007. 99 NAD NoSubs
16 10 22 296 12 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.18 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1007. 99 NAD NoSubs
16 10 22 296 13 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.18 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 10 22 296 14 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.19 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1006. 99 NAD NoSubs
16 10 22 296 15 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.20 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1005. 99 NAD NoSubs
16 10 22 296 16 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.25 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1005. 99 NAD NoSubs
16 10 22 296 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0340 0.83 0.41 3.60 134.0 10.0 289.9 2.0
0 0.00 77. 1005. 99 ADJ-A1 NoSubs
16 10 22 296 18 -17.8 0.183 -9.000 -9.000 -999. 187. 36.7 0.0340 0.83 1.00 2.78 131.0 10.0 288.1 2.0 0
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16 10 22 296 19 -17.7 0.180 -9.000 -9.000 -999. 184. 35.8 0.0300 0.83 1.00 2.81 115.0 10.0 287.0 2.0 0
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16 10 22 296 20 -4.7 0.090 -9.000 -9.000 -999. 68. 13.8 0.0330 0.83 1.00 1.43 57.0 10.0 287.0 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
16 10 22 296 21 -6.5 0.105 -9.000 -9.000 -999. 82. 16.1 0.0310 0.83 1.00 1.69 2.0 10.0 285.9 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
16 10 22 296 22 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.83 1.00 1.72 314.0 10.0 285.4 2.0 0
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16 10 22 296 23 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0330 0.83 1.00 1.70 313.0 10.0 284.9 2.0 0
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16 10 22 296 24 -2.6 0.070 -9.000 -9.000 -999. 44. 11.5 0.0330 0.83 1.00 1.03 301.0 10.0 284.2 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
16 10 23 297 1 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0330 0.83 1.00 1.47 314.0 10.0 283.8 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
16 10 23 297 2 -11.8 0.143 -9.000 -9.000 -999. 130. 22.6 0.0330 0.83 1.00 2.23 321.0 10.0 283.8 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
16 10 23 297 3 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0330 0.83 1.00 1.96 320.0 10.0 283.1 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
16 10 23 297 4 -14.5 0.159 -9.000 -9.000 -999. 152. 27.9 0.0330 0.83 1.00 2.46 327.0 10.0 282.5 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
16 10 23 297 5 -9.8 0.130 -9.000 -9.000 -999. 113. 20.2 0.0330 0.83 1.00 2.04 313.0 10.0 282.5 2.0 0
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16 10 23 297 7 -7.6 0.114 -9.000 -9.000 -999. 93. 17.6 0.0330 0.83 0.72 1.81 305.0 10.0 283.1 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
16 10 23 297 8 8.6 0.130 0.249 0.016 64. 112. -22.9 0.0330 0.83 0.35 1.62 319.0 10.0 284.2 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
16 10 23 297 9 64.3 0.137 0.863 0.018 359. 122. -3.6 0.0380 0.83 0.23 1.35 222.0 10.0 287.0 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
16 10 23 297 10 92.7 0.275 1.010 0.017 401. 346. -20.2 0.0230 0.83 0.20 3.64 204.0 10.0 287.0 2.0 0
0.00 92. 1009. 7 ADJ-A1 NoSubs
16 10 23 297 11 32.7 0.291 0.722 0.017 414. 376. -67.7 0.0380 0.83 0.18 3.78 227.0 10.0 287.5 2.0 0

0.00 89. 1010. 10 ADJ-A1 NoSubs
16 10 23 297 12 36.2 0.284 0.756 0.017 429. 363. -57.0 0.0290 0.83 0.18 3.85 243.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 10 23 297 13 125.6 0.303 1.185 0.016 477. 400. -19.9 0.0290 0.83 0.18 3.83 263.0 10.0 289.1 2.0 0
0.00 76. 1009. 7 ADJ-A1 NoSubs
16 10 23 297 14 31.7 0.292 0.753 0.016 483. 379. -70.6 0.0290 0.83 0.19 4.00 264.0 10.0 289.9 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
16 10 23 297 15 84.6 0.330 1.056 0.015 500. 454. -38.1 0.0290 0.83 0.20 4.37 266.0 10.0 289.9 2.0 0
0.00 74. 1008. 7 ADJ-A1 NoSubs
16 10 23 297 16 55.1 0.312 0.921 0.014 510. 419. -49.6 0.0290 0.83 0.26 4.20 269.0 10.0 289.2 2.0 0
0.00 77. 1007. 3 ADJ-A1 NoSubs
16 10 23 297 17 0.2 0.290 0.135 0.014 510. 376. -8888.0 0.0260 0.83 0.42 4.32 275.0 10.0 288.8 2.0 0
0.00 79. 1007. 3 ADJ-A1 NoSubs
16 10 23 297 18 -21.4 0.219 -9.000 -9.000 -999. 248. 52.8 0.0260 0.83 1.00 3.46 285.0 10.0 288.8 2.0 0
0.00 83. 1007. 5 ADJ-A1 NoSubs
16 10 23 297 19 -21.3 0.218 -9.000 -9.000 -999. 244. 52.1 0.0260 0.83 1.00 3.44 280.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
16 10 23 297 20 -20.1 0.205 -9.000 -9.000 -999. 223. 46.3 0.0260 0.83 1.00 3.25 286.0 10.0 288.1 2.0 0
0.00 89. 1008. 7 ADJ-A1 NoSubs
16 10 23 297 21 -16.7 0.171 -9.000 -9.000 -999. 169. 32.0 0.0260 0.83 1.00 2.73 286.0 10.0 287.5 2.0 0
0.00 93. 1008. 3 ADJ-A1 NoSubs
16 10 23 297 22 -21.0 0.214 -9.000 -9.000 -999. 238. 50.6 0.0260 0.83 1.00 3.39 277.0 10.0 287.5 2.0 0
0.00 93. 1008. 0 ADJ-A1 NoSubs
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0.00 93. 1008. 3 ADJ-A1 NoSubs
16 10 23 297 24 -11.5 0.141 -9.000 -9.000 -999. 128. 21.7 0.0260 0.83 1.00 2.28 283.0 10.0 287.0 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
16 10 24 298 1 -20.1 0.204 -9.000 -9.000 -999. 222. 45.9 0.0290 0.83 1.00 3.18 265.0 10.0 287.5 2.0 0
0.00 93. 1009. 7 ADJ-A1 NoSubs
16 10 24 298 2 -23.9 0.244 -9.000 -9.000 -999. 288. 65.2 0.0290 0.83 1.00 3.76 240.0 10.0 288.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 10 24 298 3 -9.6 0.130 -9.000 -9.000 -999. 119. 20.6 0.0380 0.83 1.00 1.99 239.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
16 10 24 298 4 -12.8 0.149 -9.000 -9.000 -999. 137. 24.3 0.0260 0.83 1.00 2.40 274.0 10.0 288.1 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
16 10 24 298 5 -19.9 0.202 -9.000 -9.000 -999. 218. 44.9 0.0380 0.83 1.00 3.00 228.0 10.0 287.0 2.0 0
0.00 100. 1009. 7 ADJ-A1 NoSubs
16 10 24 298 6 -3.7 0.080 -9.000 -9.000 -999. 66. 12.1 0.0260 0.83 1.00 1.31 283.0 10.0 287.5 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
16 10 24 298 7 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0290 0.83 0.73 1.59 263.0 10.0 287.5 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
16 10 24 298 8 15.3 0.131 0.689 0.005 771. 114. -13.4 0.0260 0.83 0.35 1.64 273.0 10.0 289.2 2.0 0
0.00 80. 1010. 7 ADJ-A1 NoSubs
16 10 24 298 9 63.9 0.184 1.211 0.006 1004. 190. -8.9 0.0370 0.83 0.24 2.05 178.0 10.0 289.9 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
16 10 24 298 10 109.0 0.302 1.488 0.007 1091. 398. -22.8 0.0370 0.83 0.20 3.68 157.0 10.0 291.4 2.0
0 0.00 69. 1011. 0 ADJ-A1 NoSubs
16 10 24 298 11 138.7 0.287 1.763 0.013 1428. 369. -15.3 0.0230 0.83 0.18 3.71 197.0 10.0 290.9 2.0
0 0.00 69. 1011. 0 ADJ-A1 NoSubs
16 10 24 298 12 127.7 0.187 1.725 0.013 1451. 198. -4.6 0.0230 0.83 0.18 2.13 206.0 10.0 292.5 2.0 0
0.00 65. 1011. 7 ADJ-A1 NoSubs
16 10 24 298 13 37.0 0.199 1.143 0.012 1454. 212. -19.1 0.0230 0.83 0.18 2.62 201.0 10.0 292.5 2.0 0
0.00 65. 1010. 10 ADJ-A1 NoSubs
16 10 24 298 14 32.2 0.261 1.091 0.012 1456. 321. -50.0 0.0290 0.83 0.19 3.52 247.0 10.0 292.0 2.0 0

0.00 69. 1010. 10 ADJ-A1 NoSubs
16 10 24 298 15 22.9 0.261 0.975 0.012 1457. 319. -69.6 0.0290 0.83 0.20 3.57 258.0 10.0 290.4 2.0 0
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16 10 24 298 16 10.6 0.160 0.755 0.012 1458. 158. -34.6 0.0260 0.83 0.26 2.15 274.0 10.0 289.9 2.0 0
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16 10 24 298 18 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0260 0.83 1.00 1.81 298.0 10.0 289.2 2.0 0
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16 10 24 298 19 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0330 0.83 1.00 1.48 305.0 10.0 289.2 2.0 0
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16 10 24 298 20 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0330 0.83 1.00 1.64 329.0 10.0 289.2 2.0 0
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16 10 24 298 21 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0260 0.83 1.00 2.49 282.0 10.0 288.8 2.0 0
0.00 79. 1011. 7 ADJ-A1 NoSubs
16 10 24 298 22 -10.2 0.132 -9.000 -9.000 -999. 115. 20.4 0.0260 0.83 1.00 2.15 290.0 10.0 288.8 2.0 0
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16 10 24 298 23 -9.0 0.124 -9.000 -9.000 -999. 105. 19.0 0.0260 0.83 1.00 2.03 294.0 10.0 288.8 2.0 0
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16 10 25 299 1 -4.7 0.089 -9.000 -9.000 -999. 64. 13.4 0.0260 0.83 1.00 1.48 295.0 10.0 288.8 2.0 0
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16 10 25 299 2 -10.0 0.133 -9.000 -9.000 -999. 116. 21.1 0.0380 0.83 1.00 2.03 231.0 10.0 288.8 2.0 0
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16 10 25 299 3 -14.3 0.157 -9.000 -9.000 -999. 149. 26.9 0.0230 0.83 1.00 2.57 186.0 10.0 288.1 2.0 0
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16 10 25 299 4 -4.4 0.086 -9.000 -9.000 -999. 62. 13.0 0.0260 0.83 1.00 1.43 272.0 10.0 288.1 2.0 0
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16 10 25 299 5 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.37 305.0 10.0 287.5 2.0 0
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16 10 25 299 6 -1.6 0.061 -9.000 -9.000 -999. 36. 12.6 0.0330 0.83 1.00 0.72 318.0 10.0 288.1 2.0 0
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16 10 25 299 7 -3.0 0.073 -9.000 -9.000 -999. 48. 12.0 0.0380 0.83 0.74 1.09 236.0 10.0 287.5 2.0 0
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16 10 25 299 8 -0.1 0.123 -9.000 -9.000 -999. 104. 3152.0 0.0330 0.83 0.36 1.76 325.0 10.0 288.1 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
16 10 25 299 9 14.2 0.132 0.408 0.005 172. 115. -14.5 0.0290 0.83 0.24 1.62 267.0 10.0 289.9 2.0 0
0.00 72. 1014. 10 ADJ-A1 NoSubs
16 10 25 299 10 25.7 0.135 0.685 0.005 452. 119. -8.6 0.0230 0.83 0.20 1.65 200.0 10.0 290.9 2.0 0
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16 10 25 299 11 115.8 0.133 1.351 0.005 770. 116. -1.8 0.0330 0.83 0.18 1.21 34.0 10.0 292.5 2.0 0
0.00 60. 1014. 7 ADJ-A1 NoSubs
16 10 25 299 12 126.8 0.236 1.444 0.005 860. 275. -9.3 0.0380 0.83 0.18 2.62 226.0 10.0 293.1 2.0 0
0.00 60. 1013. 7 ADJ-A1 NoSubs
16 10 25 299 13 124.2 0.299 1.474 0.005 933. 393. -19.5 0.0290 0.83 0.18 3.78 249.0 10.0 291.4 2.0 0
0.00 72. 1013. 7 ADJ-A1 NoSubs
16 10 25 299 14 135.2 0.258 1.584 0.005 1063. 315. -11.5 0.0260 0.83 0.19 3.17 279.0 10.0 292.5 2.0
0 0.00 70. 1012. 3 ADJ-A1 NoSubs
16 10 25 299 15 96.0 0.306 1.459 0.005 1169. 407. -27.1 0.0290 0.83 0.21 3.97 269.0 10.0 292.0 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
16 10 25 299 16 47.3 0.353 1.167 0.005 1215. 502. -83.7 0.0290 0.83 0.26 4.87 258.0 10.0 290.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
16 10 25 299 17 -1.6 0.187 -9.000 -9.000 -999. 215. 375.2 0.0260 0.83 0.43 2.83 277.0 10.0 289.9 2.0 0

0.00 77. 1012. 3 ADJ-A1 NoSubs
16 10 25 299 18 -10.2 0.133 -9.000 -9.000 -999. 117. 20.5 0.0260 0.83 1.00 2.16 289.0 10.0 289.2 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
16 10 25 299 19 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0260 0.83 1.00 1.77 289.0 10.0 288.8 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
16 10 25 299 20 -8.7 0.121 -9.000 -9.000 -999. 101. 18.5 0.0260 0.83 1.00 1.99 299.0 10.0 287.5 2.0 0
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16 10 25 299 22 -2.2 0.066 -9.000 -9.000 -999. 40. 11.6 0.0330 0.83 1.00 0.91 319.0 10.0 285.9 2.0 0
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16 10 25 299 23 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.83 1.00 1.37 354.0 10.0 285.9 2.0 0
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16 10 25 299 24 -7.7 0.115 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.82 311.0 10.0 285.4 2.0 0
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16 10 26 300 12 150.9 0.130 1.458 0.005 742. 112. -1.3 0.0290 0.83 0.18 1.16 260.0 10.0 293.8 2.0 0
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0 0.00 83. 1009. 0 ADJ-A1 NoSubs
16 10 26 300 18 -9.3 0.126 -9.000 -9.000 -999. 135. 19.5 0.0290 0.83 1.00 2.03 251.0 10.0 287.5 2.0 0
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16 10 26 300 19 -3.0 0.072 -9.000 -9.000 -999. 49. 11.5 0.0290 0.83 1.00 1.13 254.0 10.0 287.5 2.0 0
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16 10 26 300 20 -4.2 0.086 -9.000 -9.000 -999. 60. 13.4 0.0380 0.83 1.00 1.33 344.0 10.0 287.0 2.0 0

0.00 92. 1011. 0 ADJ-A1 NoSubs
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0.00 89. 1010. 10 ADJ-A1 NoSubs
16 10 27 301 9 12.9 0.112 0.335 0.012 104. 90. -9.8 0.0310 0.83 0.24 1.31 4.0 10.0 288.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
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0.00 86. 1009. 10 ADJ-A1 NoSubs
16 10 27 301 11 32.1 0.124 0.617 0.012 263. 105. -5.4 0.0330 0.83 0.19 1.33 41.0 10.0 289.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 10 27 301 12 36.1 0.176 0.677 0.012 308. 178. -13.6 0.0330 0.83 0.18 2.10 324.0 10.0 291.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
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16 10 27 301 15 22.5 0.170 0.608 0.010 359. 169. -19.7 0.0260 0.83 0.21 2.20 271.0 10.0 292.0 2.0 0
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0.00 77. 1008. 10 ADJ-A1 NoSubs
16 10 27 301 18 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0260 0.83 1.00 1.43 298.0 10.0 289.2 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
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0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 27 301 23 -7.7 0.115 -9.000 -9.000 -999. 93. 17.7 0.0290 0.83 1.00 1.86 251.0 10.0 288.8 2.0 0

0.00 100. 1007. 10 ADJ-A1 NoSubs
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0.00 100. 1006. 10 ADJ-A1 NoSubs
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0.00 100. 1007. 10 ADJ-A1 NoSubs
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0.00 100. 1008. 10 ADJ-A1 NoSubs
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0.00 100. 1009. 10 ADJ-A1 NoSubs
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16 10 29 303 8 -1.0 0.095 -9.000 -9.000 -999. 70. 76.8 0.0260 0.83 0.37 1.48 270.0 10.0 289.2 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
16 10 29 303 9 13.3 0.153 0.508 0.005 355. 144. -24.4 0.0230 0.83 0.24 2.06 193.0 10.0 290.9 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
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16 10 29 303 11 131.8 0.197 1.377 0.005 715. 210. -5.2 0.0230 0.83 0.19 2.28 185.0 10.0 292.5 2.0 0
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16 10 29 303 12 36.6 0.227 0.924 0.005 776. 259. -28.6 0.0370 0.83 0.18 2.81 165.0 10.0 294.2 2.0 0
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16 10 29 303 13 143.9 0.322 1.553 0.005 938. 439. -20.9 0.0380 0.83 0.18 3.88 216.0 10.0 293.1 2.0 0
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16 10 29 303 14 124.5 0.390 1.540 0.005 1057. 585. -42.9 0.0290 0.83 0.19 5.21 250.0 10.0 291.4 2.0
0 0.00 86. 1009. 0 ADJ-A1 NoSubs
16 10 29 303 15 89.7 0.402 1.413 0.005 1134. 610. -64.9 0.0290 0.83 0.21 5.48 252.0 10.0 290.4 2.0 0
0.00 90. 1009. 0 ADJ-A1 NoSubs
16 10 29 303 16 47.1 0.320 1.153 0.005 1172. 438. -62.6 0.0290 0.83 0.27 4.36 242.0 10.0 289.9 2.0 0
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16 10 29 303 18 -17.7 0.181 -9.000 -9.000 -999. 186. 36.2 0.0290 0.83 1.00 2.84 256.0 10.0 288.8 2.0 0
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16 10 29 303 19 -9.1 0.125 -9.000 -9.000 -999. 107. 19.4 0.0290 0.83 1.00 2.01 257.0 10.0 288.8 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
16 10 29 303 20 -5.6 0.097 -9.000 -9.000 -999. 73. 14.9 0.0290 0.83 1.00 1.59 267.0 10.0 289.2 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
16 10 29 303 21 -4.2 0.085 -9.000 -9.000 -999. 59. 13.0 0.0290 0.83 1.00 1.38 265.0 10.0 289.2 2.0 0
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16 10 29 303 22 -7.5 0.115 -9.000 -9.000 -999. 93. 18.0 0.0380 0.83 1.00 1.77 221.0 10.0 288.8 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
16 10 29 303 23 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0290 0.83 1.00 1.88 245.0 10.0 288.8 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
16 10 29 303 24 -7.5 0.115 -9.000 -9.000 -999. 93. 17.9 0.0380 0.83 1.00 1.77 223.0 10.0 287.5 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 30 304 1 -4.4 0.087 -9.000 -9.000 -999. 62. 13.6 0.0380 0.83 1.00 1.35 225.0 10.0 287.5 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
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16 10 30 304 4 -5.8 0.100 -9.000 -9.000 -999. 76. 15.4 0.0330 0.83 1.00 1.60 300.0 10.0 288.1 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 10 30 304 5 -8.8 0.123 -9.000 -9.000 -999. 103. 19.0 0.0290 0.83 1.00 1.98 251.0 10.0 287.0 2.0 0

0.00 100. 1005. 5 ADJ-A1 NoSubs
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16 10 30 304 7 -7.5 0.113 -9.000 -9.000 -999. 91. 17.1 0.0260 0.83 1.00 1.86 270.0 10.0 287.5 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
16 10 30 304 8 -1.2 0.075 -9.000 -9.000 -999. 49. 31.1 0.0310 0.83 0.38 1.16 16.0 10.0 288.8 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
16 10 30 304 9 12.6 0.153 0.402 0.005 186. 144. -25.7 0.0290 0.83 0.25 1.98 62.0 10.0 289.9 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
16 10 30 304 10 23.2 0.208 0.530 0.005 230. 227. -34.6 0.0370 0.83 0.20 2.61 177.0 10.0 288.8 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
16 10 30 304 11 30.4 0.242 0.617 0.005 277. 286. -42.0 0.0230 0.83 0.19 3.37 204.0 10.0 288.1 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
16 10 30 304 12 34.3 0.457 0.769 0.005 476. 741. -250.4 0.0230 0.83 0.18 6.79 192.0 10.0 289.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
16 10 30 304 13 118.5 0.523 1.397 0.005 829. 907. -108.6 0.0230 0.83 0.18 7.60 190.0 10.0 290.9 2.0
0 0.00 86. 1008. 7 ADJ-A1 NoSubs
16 10 30 304 14 127.7 0.536 1.526 0.007 1001. 942. -108.6 0.0230 0.83 0.19 7.79 192.0 10.0 291.4 2.0
0 0.00 80. 1009. 3 ADJ-A1 NoSubs
16 10 30 304 15 20.8 0.465 0.840 0.008 1025. 766. -435.8 0.0230 0.83 0.21 6.97 189.0 10.0 290.4 2.0
0 0.00 86. 1009. 10 ADJ-A1 NoSubs
16 10 30 304 16 40.3 0.452 1.063 0.009 1072. 730. -206.3 0.0230 0.83 0.27 6.69 182.0 10.0 290.4 2.0
0 0.00 83. 1009. 0 ADJ-A1 NoSubs
16 10 30 304 17 -16.6 0.345 -9.000 -9.000 -999. 494. 222.0 0.0230 0.83 0.46 5.38 191.0 10.0 289.2 2.0
0 0.00 86. 1010. 0 ADJ-A1 NoSubs
16 10 30 304 18 -35.9 0.367 -9.000 -9.000 -999. 533. 148.0 0.0230 0.83 1.00 5.79 187.0 10.0 288.8 2.0
0 0.00 89. 1010. 0 ADJ-A1 NoSubs
16 10 30 304 19 -29.6 0.302 -9.000 -9.000 -999. 400. 100.1 0.0230 0.83 1.00 4.80 180.0 10.0 288.8 2.0
0 0.00 92. 1011. 10 ADJ-A1 NoSubs
16 10 30 304 20 -24.1 0.245 -9.000 -9.000 -999. 293. 66.2 0.0380 0.83 1.00 3.61 216.0 10.0 287.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 10 30 304 21 -5.0 0.092 -9.000 -9.000 -999. 90. 14.1 0.0330 0.83 1.00 1.47 37.0 10.0 287.5 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 10 30 304 22 -6.7 0.107 -9.000 -9.000 -999. 84. 16.6 0.0340 0.83 1.00 1.70 122.0 10.0 287.0 2.0 0
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16 10 30 304 23 -7.7 0.115 -9.000 -9.000 -999. 93. 17.8 0.0330 0.83 1.00 1.82 327.0 10.0 287.0 2.0 0
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16 10 30 304 24 -5.8 0.100 -9.000 -9.000 -999. 75. 15.5 0.0380 0.83 1.00 1.55 347.0 10.0 287.0 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 10 31 305 1 -5.4 0.096 -9.000 -9.000 -999. 71. 14.7 0.0330 0.83 1.00 1.53 315.0 10.0 287.0 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 10 31 305 2 -3.6 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.83 1.00 1.21 339.0 10.0 287.0 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 10 31 305 3 -2.6 0.069 -9.000 -9.000 -999. 43. 11.1 0.0260 0.83 1.00 1.06 287.0 10.0 285.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 10 31 305 4 -3.7 0.079 -9.000 -9.000 -999. 54. 12.2 0.0290 0.83 1.00 1.28 78.0 10.0 285.9 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 10 31 305 5 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.83 1.00 1.33 29.0 10.0 285.9 2.0 0
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16 10 31 305 6 -6.5 0.105 -9.000 -9.000 -999. 81. 16.1 0.0330 0.83 1.00 1.67 309.0 10.0 285.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 10 31 305 7 -8.3 0.119 -9.000 -9.000 -999. 98. 18.4 0.0330 0.83 1.00 1.88 305.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 10 31 305 8 8.9 0.153 0.277 0.005 86. 144. -36.5 0.0330 0.83 0.38 1.98 303.0 10.0 286.4 2.0 0

0.00 100. 1014. 5 ADJ-A1 NoSubs
16 10 31 305 9 59.0 0.125 0.903 0.005 451. 106. -3.0 0.0370 0.83 0.25 1.20 158.0 10.0 288.1 2.0 0
0.00 93. 1014. 5 ADJ-A1 NoSubs
16 10 31 305 10 84.8 0.151 1.296 0.007 930. 141. -3.7 0.0370 0.83 0.20 1.50 162.0 10.0 288.8 2.0 0
0.00 86. 1014. 7 ADJ-A1 NoSubs
16 10 31 305 11 128.6 0.179 1.557 0.007 1063. 181. -4.0 0.0370 0.83 0.19 1.79 155.0 10.0 289.9 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
16 10 31 305 12 146.9 0.206 1.656 0.006 1118. 224. -5.4 0.0230 0.83 0.18 2.39 186.0 10.0 290.4 2.0 0
0.00 75. 1013. 3 ADJ-A1 NoSubs
16 10 31 305 13 140.3 0.240 1.655 0.007 1169. 282. -8.9 0.0370 0.83 0.18 2.67 171.0 10.0 290.9 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
16 10 31 305 14 121.3 0.321 1.596 0.007 1210. 437. -24.7 0.0230 0.83 0.19 4.32 204.0 10.0 290.4 2.0
0 0.00 72. 1012. 0 ADJ-A1 NoSubs
16 10 31 305 15 92.0 0.280 1.468 0.007 1241. 355. -21.4 0.0380 0.83 0.21 3.37 224.0 10.0 290.4 2.0 0
0.00 67. 1011. 3 ADJ-A1 NoSubs
16 10 31 305 16 38.6 0.233 1.103 0.007 1253. 271. -29.5 0.0380 0.83 0.27 2.88 228.0 10.0 289.2 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
16 10 31 305 17 -12.4 0.236 -9.000 -9.000 -999. 276. 95.5 0.0380 0.83 0.47 3.44 226.0 10.0 287.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
16 10 31 305 18 -16.1 0.168 -9.000 -9.000 -999. 166. 31.0 0.0290 0.83 1.00 2.64 245.0 10.0 287.0 2.0 0
0.00 92. 1011. 3 ADJ-A1 NoSubs
16 10 31 305 19 -4.2 0.085 -9.000 -9.000 -999. 62. 12.9 0.0290 0.83 1.00 1.38 252.0 10.0 287.5 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
16 10 31 305 20 -4.8 0.091 -9.000 -9.000 -999. 66. 14.2 0.0380 0.83 1.00 1.42 217.0 10.0 287.5 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 10 31 305 21 -26.8 0.273 -9.000 -9.000 -999. 342. 81.9 0.0230 0.83 1.00 4.36 191.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 10 31 305 22 -24.5 0.249 -9.000 -9.000 -999. 299. 68.5 0.0230 0.83 1.00 4.00 187.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
16 10 31 305 23 -19.6 0.198 -9.000 -9.000 -999. 213. 43.3 0.0380 0.83 1.00 2.95 213.0 10.0 287.0 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 10 31 305 24 -11.7 0.144 -9.000 -9.000 -999. 131. 22.8 0.0380 0.83 1.00 2.18 239.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 11 1 306 1 -2.8 0.071 -9.000 -9.000 -999. 47. 11.8 0.0370 0.83 1.00 1.04 151.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 11 1 306 2 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0290 0.83 1.00 1.76 88.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 11 1 306 3 -16.4 0.169 -9.000 -9.000 -999. 167. 31.5 0.0290 0.83 1.00 2.66 73.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 11 1 306 4 -10.8 0.136 -9.000 -9.000 -999. 121. 21.2 0.0290 0.83 1.00 2.18 64.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
16 11 1 306 5 -8.7 0.123 -9.000 -9.000 -999. 103. 19.3 0.0380 0.83 1.00 1.89 349.0 10.0 285.9 2.0 0
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16 11 1 306 6 -2.9 0.073 -9.000 -9.000 -999. 48. 11.9 0.0380 0.83 1.00 1.08 346.0 10.0 285.4 2.0 0
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16 11 1 306 7 -2.8 0.071 -9.000 -9.000 -999. 45. 11.6 0.0330 0.83 1.00 1.06 308.0 10.0 284.2 2.0 0
0.00 100. 1012. 3 ADJ-A1 NoSubs
16 11 1 306 8 5.2 0.116 0.278 0.005 148. 95. -27.0 0.0330 0.83 0.39 1.47 311.0 10.0 285.9 2.0 0
0.00 100. 1013. 3 ADJ-A1 NoSubs
16 11 1 306 9 48.9 0.140 0.917 0.005 570. 125. -5.0 0.0300 0.83 0.25 1.52 98.0 10.0 287.0 2.0 0
0.00 96. 1014. 7 ADJ-A1 NoSubs
16 11 1 306 10 102.1 0.144 1.393 0.005 958. 131. -2.6 0.0300 0.83 0.20 1.43 101.0 10.0 288.8 2.0 0
0.00 86. 1014. 3 ADJ-A1 NoSubs
16 11 1 306 11 107.2 0.165 1.455 0.005 1041. 161. -3.8 0.0370 0.83 0.19 1.65 177.0 10.0 289.9 2.0 0

0.00 74. 1014. 7 ADJ-A1 NoSubs
16 11 1 306 12 117.9 0.206 1.542 0.005 1125. 224. -6.7 0.0380 0.83 0.18 2.20 214.0 10.0 289.9 2.0 0
0.00 69. 1014. 7 ADJ-A1 NoSubs
16 11 1 306 13 138.9 0.248 1.672 0.005 1218. 296. -9.9 0.0380 0.83 0.18 2.77 229.0 10.0 290.9 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
16 11 1 306 14 124.6 0.353 1.646 0.005 1295. 504. -31.9 0.0380 0.83 0.19 4.39 231.0 10.0 290.4 2.0 0
0.00 75. 1013. 3 ADJ-A1 NoSubs
16 11 1 306 15 85.6 0.370 1.518 0.007 1478. 540. -53.4 0.0380 0.83 0.21 4.75 233.0 10.0 290.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
16 11 1 306 16 37.8 0.235 1.159 0.007 1491. 285. -30.9 0.0290 0.83 0.28 3.07 241.0 10.0 290.4 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
16 11 1 306 17 -5.9 0.119 -9.000 -9.000 -999. 107. 25.6 0.0380 0.83 0.47 1.79 227.0 10.0 288.8 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
16 11 1 306 18 -3.4 0.077 -9.000 -9.000 -999. 51. 11.8 0.0260 0.83 1.00 1.25 272.0 10.0 287.0 2.0 0
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16 11 1 306 19 -9.9 0.131 -9.000 -9.000 -999. 113. 20.4 0.0330 0.83 1.00 2.05 317.0 10.0 285.4 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 11 1 306 20 -6.8 0.107 -9.000 -9.000 -999. 85. 16.5 0.0330 0.83 1.00 1.71 315.0 10.0 284.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 11 1 306 21 -9.2 0.126 -9.000 -9.000 -999. 107. 19.5 0.0330 0.83 1.00 1.98 312.0 10.0 283.8 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 11 1 306 22 -13.0 0.150 -9.000 -9.000 -999. 140. 24.8 0.0330 0.83 1.00 2.33 302.0 10.0 284.2 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 11 1 306 23 -12.3 0.146 -9.000 -9.000 -999. 134. 23.4 0.0330 0.83 1.00 2.27 305.0 10.0 283.1 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 11 1 306 24 -10.3 0.133 -9.000 -9.000 -999. 116. 20.6 0.0330 0.83 1.00 2.08 323.0 10.0 282.5 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 1 -3.5 0.078 -9.000 -9.000 -999. 53. 12.3 0.0380 0.83 1.00 1.18 331.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 2 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0330 0.83 1.00 1.72 312.0 10.0 282.0 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 3 -10.6 0.135 -9.000 -9.000 -999. 119. 20.9 0.0330 0.83 1.00 2.11 306.0 10.0 281.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 4 -14.3 0.158 -9.000 -9.000 -999. 150. 27.4 0.0330 0.83 1.00 2.44 308.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 5 -4.4 0.086 -9.000 -9.000 -999. 62. 13.1 0.0330 0.83 1.00 1.37 321.0 10.0 280.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 6 -7.0 0.108 -9.000 -9.000 -999. 85. 16.4 0.0310 0.83 1.00 1.74 3.0 10.0 281.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 7 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.83 1.00 1.67 333.0 10.0 281.4 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
16 11 2 307 8 -1.0 0.099 -9.000 -9.000 -999. 75. 86.2 0.0330 0.83 0.39 1.48 306.0 10.0 283.8 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
16 11 2 307 9 51.3 0.124 0.623 0.005 171. 105. -3.4 0.0330 0.83 0.25 1.25 52.0 10.0 287.5 2.0 0
0.00 80. 1016. 0 ADJ-A1 NoSubs
16 11 2 307 10 96.6 0.178 0.991 0.005 365. 181. -5.3 0.0330 0.83 0.20 1.91 45.0 10.0 290.9 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
16 11 2 307 11 126.9 0.210 1.328 0.008 669. 232. -6.7 0.0330 0.83 0.19 2.32 48.0 10.0 292.5 2.0 0
0.00 51. 1016. 0 ADJ-A1 NoSubs
16 11 2 307 12 141.4 0.331 1.488 0.012 845. 457. -23.2 0.0290 0.83 0.18 4.24 83.0 10.0 294.2 2.0 0
0.00 46. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 13 139.2 0.299 1.540 0.013 950. 393. -17.4 0.0300 0.83 0.18 3.71 92.0 10.0 294.9 2.0 0
0.00 46. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 14 120.7 0.221 1.488 0.013 988. 251. -8.1 0.0300 0.83 0.19 2.54 105.0 10.0 295.4 2.0 0

0.00 47. 1014. 0 ADJ-A1 NoSubs
16 11 2 307 15 86.7 0.195 1.345 0.013 1015. 206. -7.7 0.0370 0.83 0.21 2.13 165.0 10.0 295.9 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
16 11 2 307 16 37.9 0.241 1.026 0.013 1030. 284. -33.5 0.0380 0.83 0.28 3.01 237.0 10.0 293.8 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
16 11 2 307 17 -13.0 0.231 -9.000 -9.000 -999. 266. 85.4 0.0380 0.83 0.48 3.37 239.0 10.0 289.9 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
16 11 2 307 18 -6.4 0.105 -9.000 -9.000 -999. 92. 16.2 0.0330 0.83 1.00 1.67 39.0 10.0 289.2 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 19 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0290 0.83 1.00 1.23 65.0 10.0 287.5 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
16 11 2 307 20 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.83 1.00 1.37 355.0 10.0 286.4 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
16 11 2 307 21 -11.5 0.141 -9.000 -9.000 -999. 127. 22.1 0.0330 0.83 1.00 2.20 312.0 10.0 285.4 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
16 11 2 307 22 -12.4 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.83 1.00 2.28 313.0 10.0 284.9 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 23 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.83 1.00 1.86 317.0 10.0 284.2 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 11 2 307 24 -11.0 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.15 317.0 10.0 284.2 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 11 3 308 1 -10.8 0.136 -9.000 -9.000 -999. 121. 21.3 0.0330 0.83 1.00 2.13 302.0 10.0 283.8 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 11 3 308 2 -12.6 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.83 1.00 2.30 313.0 10.0 283.8 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 11 3 308 3 -4.0 0.082 -9.000 -9.000 -999. 58. 12.7 0.0330 0.83 1.00 1.30 314.0 10.0 283.1 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 11 3 308 4 -8.1 0.118 -9.000 -9.000 -999. 97. 18.3 0.0380 0.83 1.00 1.82 349.0 10.0 282.5 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 11 3 308 5 -9.6 0.128 -9.000 -9.000 -999. 110. 19.7 0.0310 0.83 1.00 2.03 5.0 10.0 282.5 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 11 3 308 6 -7.4 0.112 -9.000 -9.000 -999. 90. 17.4 0.0380 0.83 1.00 1.74 336.0 10.0 282.5 2.0 0
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16 11 3 308 7 -7.1 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.83 1.00 1.74 44.0 10.0 284.9 2.0 0
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16 11 3 308 8 -0.9 0.082 -9.000 -9.000 -999. 57. 56.0 0.0310 0.83 0.40 1.26 27.0 10.0 287.0 2.0 0
0.00 83. 1016. 0 ADJ-A1 NoSubs
16 11 3 308 9 51.2 0.122 0.594 0.007 148. 102. -3.2 0.0290 0.83 0.25 1.26 71.0 10.0 290.9 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
16 11 3 308 10 96.1 0.187 1.004 0.010 381. 193. -6.1 0.0300 0.83 0.21 2.08 92.0 10.0 293.1 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
16 11 3 308 11 126.5 0.150 1.245 0.012 553. 139. -2.4 0.0300 0.83 0.19 1.47 111.0 10.0 294.9 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
16 11 3 308 12 141.4 0.155 1.397 0.012 698. 146. -2.4 0.0290 0.83 0.18 1.53 67.0 10.0 297.0 2.0 0
0.00 42. 1014. 0 ADJ-A1 NoSubs
16 11 3 308 13 139.5 0.232 1.464 0.012 814. 269. -8.1 0.0330 0.83 0.18 2.62 58.0 10.0 298.1 2.0 0
0.00 36. 1013. 0 ADJ-A1 NoSubs
16 11 3 308 14 121.8 0.233 1.412 0.011 836. 270. -9.4 0.0290 0.83 0.19 2.74 86.0 10.0 299.9 2.0 0
0.00 34. 1012. 0 ADJ-A1 NoSubs
16 11 3 308 15 87.2 0.148 1.270 0.011 849. 140. -3.4 0.0290 0.83 0.22 1.54 80.0 10.0 299.2 2.0 0
0.00 35. 1012. 0 ADJ-A1 NoSubs
16 11 3 308 16 37.7 0.185 0.963 0.010 853. 191. -15.1 0.0230 0.83 0.28 2.39 202.0 10.0 295.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
16 11 3 308 17 -8.1 0.148 -9.000 -9.000 -999. 136. 35.7 0.0290 0.83 0.49 2.30 268.0 10.0 294.2 2.0 0

0.00 54. 1012. 0 ADJ-A1 NoSubs
16 11 3 308 18 -9.2 0.127 -9.000 -9.000 -999. 108. 19.9 0.0330 0.83 1.00 1.99 309.0 10.0 290.9 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
16 11 3 308 19 -5.8 0.099 -9.000 -9.000 -999. 74. 14.9 0.0260 0.83 1.00 1.64 298.0 10.0 289.2 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
16 11 3 308 20 -10.5 0.135 -9.000 -9.000 -999. 119. 21.2 0.0330 0.83 1.00 2.11 312.0 10.0 288.1 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 11 3 308 21 -12.5 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.83 1.00 2.30 313.0 10.0 287.5 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 11 3 308 22 -13.1 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.83 1.00 2.35 306.0 10.0 287.0 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
16 11 3 308 23 -14.8 0.161 -9.000 -9.000 -999. 156. 28.6 0.0330 0.83 1.00 2.49 303.0 10.0 286.4 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
16 11 3 308 24 -10.9 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.83 1.00 2.15 313.0 10.0 285.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 1 -3.0 0.073 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.09 337.0 10.0 286.4 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 2 -5.9 0.100 -9.000 -9.000 -999. 76. 15.4 0.0330 0.83 1.00 1.60 30.0 10.0 285.4 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 3 -15.9 0.167 -9.000 -9.000 -999. 164. 30.6 0.0330 0.83 1.00 2.57 304.0 10.0 284.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 4 -7.2 0.111 -9.000 -9.000 -999. 89. 17.0 0.0330 0.83 1.00 1.76 326.0 10.0 283.1 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 5 -5.6 0.097 -9.000 -9.000 -999. 72. 14.8 0.0330 0.83 1.00 1.55 305.0 10.0 283.8 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 6 -2.0 0.064 -9.000 -9.000 -999. 39. 12.2 0.0380 0.83 1.00 0.82 360.0 10.0 283.1 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 7 -5.9 0.100 -9.000 -9.000 -999. 75. 15.2 0.0330 0.83 1.00 1.59 33.0 10.0 283.1 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 8 -1.3 0.082 -9.000 -9.000 -999. 56. 38.6 0.0330 0.83 0.40 1.25 309.0 10.0 286.4 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 9 49.1 0.117 0.615 0.014 171. 96. -2.9 0.0230 0.83 0.26 1.25 196.0 10.0 288.8 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 10 94.1 0.151 0.855 0.012 240. 140. -3.3 0.0340 0.83 0.21 1.50 125.0 10.0 291.4 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 11 125.2 0.154 1.091 0.011 375. 145. -2.6 0.0370 0.83 0.19 1.45 167.0 10.0 294.9 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 12 139.5 0.194 1.290 0.010 557. 205. -4.7 0.0340 0.83 0.18 2.03 127.0 10.0 295.9 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 13 137.3 0.201 1.311 0.009 593. 217. -5.4 0.0370 0.83 0.19 2.10 171.0 10.0 296.4 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 14 118.6 0.241 1.279 0.008 638. 285. -10.7 0.0380 0.83 0.19 2.72 217.0 10.0 296.4 2.0 0
0.00 47. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 15 83.6 0.245 1.162 0.007 678. 292. -16.0 0.0380 0.83 0.22 2.88 222.0 10.0 294.9 2.0 0
0.00 50. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 16 35.5 0.202 0.880 0.007 693. 219. -21.1 0.0370 0.83 0.28 2.45 157.0 10.0 293.8 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 17 -12.1 0.196 -9.000 -9.000 -999. 208. 56.2 0.0370 0.83 0.49 2.90 159.0 10.0 289.2 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 18 -6.5 0.104 -9.000 -9.000 -999. 84. 15.6 0.0230 0.83 1.00 1.76 199.0 10.0 288.1 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 11 4 309 19 -5.0 0.092 -9.000 -9.000 -999. 67. 13.9 0.0290 0.83 1.00 1.50 249.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 20 -7.2 0.109 -9.000 -9.000 -999. 87. 16.5 0.0260 0.83 1.00 1.81 272.0 10.0 284.9 2.0 0

0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 21 -8.3 0.119 -9.000 -9.000 -999. 98. 18.4 0.0330 0.83 1.00 1.88 305.0 10.0 285.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 22 -7.3 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.77 315.0 10.0 284.2 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
16 11 4 309 23 -11.1 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.83 1.00 2.16 311.0 10.0 283.8 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
16 11 4 309 24 -7.7 0.114 -9.000 -9.000 -999. 93. 17.5 0.0330 0.83 1.00 1.81 323.0 10.0 283.1 2.0 0
0.00 89. 1014. 7 ADJ-A1 NoSubs
16 11 5 310 1 -12.6 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.83 1.00 2.30 307.0 10.0 283.1 2.0 0
0.00 89. 1014. 3 ADJ-A1 NoSubs
16 11 5 310 2 -15.9 0.167 -9.000 -9.000 -999. 164. 30.6 0.0330 0.83 1.00 2.57 308.0 10.0 282.5 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
16 11 5 310 3 -11.6 0.142 -9.000 -9.000 -999. 128. 22.1 0.0330 0.83 1.00 2.21 311.0 10.0 282.5 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
16 11 5 310 4 -5.6 0.098 -9.000 -9.000 -999. 73. 15.0 0.0380 0.83 1.00 1.52 351.0 10.0 280.9 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 5 -9.7 0.130 -9.000 -9.000 -999. 112. 20.3 0.0380 0.83 1.00 1.99 334.0 10.0 282.0 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 6 -9.2 0.126 -9.000 -9.000 -999. 107. 19.6 0.0380 0.83 1.00 1.93 330.0 10.0 280.9 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 7 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0330 0.83 1.00 1.72 323.0 10.0 280.9 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 8 -2.0 0.093 -9.000 -9.000 -999. 68. 37.0 0.0260 0.83 0.41 1.48 295.0 10.0 284.2 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 9 47.3 0.175 0.626 0.016 188. 175. -10.2 0.0380 0.83 0.26 1.96 221.0 10.0 287.0 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
16 11 5 310 10 91.9 0.201 0.864 0.013 253. 217. -8.0 0.0230 0.83 0.21 2.45 206.0 10.0 289.2 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
16 11 5 310 11 122.2 0.226 1.052 0.012 344. 258. -8.6 0.0380 0.83 0.19 2.49 232.0 10.0 290.9 2.0 0
0.00 72. 1014. 0 ADJ-A1 NoSubs
16 11 5 310 12 136.2 0.242 1.174 0.011 429. 286. -9.4 0.0380 0.83 0.19 2.69 218.0 10.0 291.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 13 133.1 0.296 1.272 0.010 560. 387. -17.6 0.0230 0.83 0.19 3.88 195.0 10.0 289.9 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 14 26.8 0.234 0.755 0.010 579. 273. -43.1 0.0370 0.83 0.19 2.98 177.0 10.0 288.8 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 11 5 310 15 70.8 0.275 1.063 0.009 613. 346. -26.6 0.0290 0.83 0.22 3.56 83.0 10.0 289.9 2.0 0
0.00 86. 1013. 7 ADJ-A1 NoSubs
16 11 5 310 16 6.4 0.300 0.477 0.009 615. 395. -384.3 0.0290 0.83 0.29 4.32 71.0 10.0 288.8 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 11 5 310 17 -16.1 0.225 -9.000 -9.000 -999. 259. 64.3 0.0290 0.83 0.50 3.47 64.0 10.0 289.2 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 11 5 310 18 -17.3 0.176 -9.000 -9.000 -999. 178. 34.1 0.0290 0.83 1.00 2.76 86.0 10.0 288.8 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 11 5 310 19 -16.1 0.168 -9.000 -9.000 -999. 165. 31.0 0.0290 0.83 1.00 2.64 66.0 10.0 288.8 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 11 5 310 20 -8.6 0.122 -9.000 -9.000 -999. 102. 18.9 0.0310 0.83 1.00 1.94 25.0 10.0 287.5 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
16 11 5 310 21 -8.3 0.120 -9.000 -9.000 -999. 99. 18.6 0.0330 0.83 1.00 1.89 329.0 10.0 287.0 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 22 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0330 0.83 1.00 1.79 313.0 10.0 286.4 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 23 -8.1 0.118 -9.000 -9.000 -999. 97. 18.2 0.0330 0.83 1.00 1.86 324.0 10.0 285.4 2.0 0

0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 5 310 24 -5.1 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.83 1.00 1.48 313.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 6 311 1 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.83 1.00 1.74 318.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 6 311 2 -7.6 0.114 -9.000 -9.000 -999. 93. 17.6 0.0330 0.83 1.00 1.81 324.0 10.0 284.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 6 311 3 -6.1 0.101 -9.000 -9.000 -999. 78. 15.5 0.0330 0.83 1.00 1.62 329.0 10.0 284.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 6 311 4 -5.3 0.095 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.48 341.0 10.0 283.8 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 6 311 5 -5.6 0.097 -9.000 -9.000 -999. 72. 14.8 0.0330 0.83 1.00 1.55 329.0 10.0 284.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 6 311 6 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.83 1.00 1.25 91.0 10.0 284.9 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 11 6 311 7 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0330 0.83 1.00 1.57 317.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 6 311 8 -1.3 0.070 -9.000 -9.000 -999. 44. 22.8 0.0380 0.83 0.41 1.06 347.0 10.0 285.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 6 311 9 46.0 0.087 0.674 0.005 241. 61. -1.3 0.0300 0.83 0.26 0.77 96.0 10.0 287.0 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 11 6 311 10 92.9 0.117 1.040 0.005 438. 96. -1.5 0.0340 0.83 0.21 1.03 122.0 10.0 289.2 2.0 0
0.00 86. 1014. 5 ADJ-A1 NoSubs
16 11 6 311 11 120.6 0.161 1.264 0.005 606. 155. -3.1 0.0340 0.83 0.19 1.59 144.0 10.0 290.4 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
16 11 6 311 12 139.6 0.132 1.449 0.005 790. 115. -1.5 0.0340 0.83 0.19 1.16 148.0 10.0 292.0 2.0 0
0.00 74. 1014. 3 ADJ-A1 NoSubs
16 11 6 311 13 112.6 0.148 1.413 0.005 907. 136. -2.6 0.0340 0.83 0.19 1.42 127.0 10.0 294.2 2.0 0
0.00 67. 1013. 7 ADJ-A1 NoSubs
16 11 6 311 14 116.0 0.154 1.479 0.005 1009. 145. -2.8 0.0340 0.83 0.19 1.50 143.0 10.0 294.9 2.0 0
0.00 65. 1013. 5 ADJ-A1 NoSubs
16 11 6 311 15 70.9 0.253 1.277 0.005 1062. 305. -20.5 0.0230 0.83 0.22 3.35 195.0 10.0 292.5 2.0 0
0.00 75. 1013. 7 ADJ-A1 NoSubs
16 11 6 311 16 33.4 0.266 1.001 0.005 1085. 329. -50.7 0.0290 0.83 0.29 3.58 254.0 10.0 290.9 2.0 0
0.00 83. 1014. 7 ADJ-A1 NoSubs
16 11 6 311 17 -4.3 0.100 -9.000 -9.000 -999. 104. 20.9 0.0290 0.83 0.50 1.60 250.0 10.0 290.4 2.0 0
0.00 86. 1014. 3 ADJ-A1 NoSubs
16 11 6 311 18 -6.5 0.106 -9.000 -9.000 -999. 83. 16.6 0.0380 0.83 1.00 1.65 216.0 10.0 289.9 2.0 0
0.00 89. 1014. 7 ADJ-A1 NoSubs
16 11 6 311 19 -2.2 0.065 -9.000 -9.000 -999. 40. 11.1 0.0260 0.83 1.00 0.96 280.0 10.0 289.2 2.0 0
0.00 93. 1014. 3 ADJ-A1 NoSubs
16 11 6 311 20 -2.2 0.065 -9.000 -9.000 -999. 40. 11.4 0.0290 0.83 1.00 0.92 260.0 10.0 288.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 11 6 311 21 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0310 0.83 1.00 1.35 22.0 10.0 288.1 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 6 311 22 -4.7 0.090 -9.000 -9.000 -999. 64. 13.8 0.0330 0.83 1.00 1.43 322.0 10.0 287.5 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 6 311 23 -6.1 0.101 -9.000 -9.000 -999. 77. 15.3 0.0260 0.83 1.00 1.68 297.0 10.0 287.5 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 11 6 311 24 -3.5 0.077 -9.000 -9.000 -999. 52. 12.2 0.0330 0.83 1.00 1.21 308.0 10.0 286.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 1 -2.0 0.064 -9.000 -9.000 -999. 39. 11.9 0.0330 0.83 1.00 0.84 327.0 10.0 285.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 2 -3.0 0.073 -9.000 -9.000 -999. 47. 11.9 0.0380 0.83 1.00 1.08 340.0 10.0 285.4 2.0 0

0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 3 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0330 0.83 1.00 1.59 326.0 10.0 285.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 4 -6.8 0.107 -9.000 -9.000 -999. 85. 16.5 0.0330 0.83 1.00 1.71 319.0 10.0 285.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 5 -2.9 0.071 -9.000 -9.000 -999. 46. 11.3 0.0260 0.83 1.00 1.13 292.0 10.0 285.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 6 -2.4 0.067 -9.000 -9.000 -999. 41. 11.4 0.0300 0.83 1.00 0.97 97.0 10.0 285.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 7 312 7 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.83 1.00 1.28 345.0 10.0 285.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 7 312 8 -1.0 0.057 -9.000 -9.000 -999. 32. 16.9 0.0310 0.83 0.42 0.91 1.0 10.0 287.0 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 7 312 9 45.8 0.145 0.608 0.007 177. 132. -6.0 0.0290 0.83 0.26 1.62 71.0 10.0 290.4 2.0 0
0.00 90. 1016. 0 ADJ-A1 NoSubs
16 11 7 312 10 90.5 0.166 0.973 0.006 369. 162. -4.5 0.0290 0.83 0.21 1.79 87.0 10.0 292.5 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
16 11 7 312 11 121.2 0.164 1.229 0.007 555. 160. -3.3 0.0300 0.83 0.19 1.69 93.0 10.0 294.9 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
16 11 7 312 12 135.5 0.171 1.381 0.007 704. 170. -3.3 0.0290 0.83 0.19 1.77 65.0 10.0 295.9 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 13 133.7 0.142 1.450 0.006 825. 128. -1.9 0.0290 0.83 0.19 1.35 71.0 10.0 297.0 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
16 11 7 312 14 115.4 0.145 1.433 0.005 922. 133. -2.4 0.0310 0.83 0.20 1.41 23.0 10.0 297.5 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
16 11 7 312 15 81.6 0.156 1.294 0.005 960. 148. -4.2 0.0380 0.83 0.22 1.57 345.0 10.0 298.1 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
16 11 7 312 16 33.5 0.146 0.966 0.005 973. 133. -8.3 0.0310 0.83 0.29 1.67 23.0 10.0 296.4 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
16 11 7 312 17 -1.8 0.062 -9.000 -9.000 -999. 41. 12.0 0.0300 0.83 0.51 0.99 111.0 10.0 294.2 2.0 0
0.00 75. 1013. 0 ADJ-A1 NoSubs
16 11 7 312 18 -3.4 0.077 -9.000 -9.000 -999. 51. 12.4 0.0370 0.83 1.00 1.18 160.0 10.0 292.5 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 19 -2.5 0.068 -9.000 -9.000 -999. 42. 11.1 0.0260 0.83 1.00 1.04 278.0 10.0 290.9 2.0 0
0.00 93. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 20 -4.1 0.084 -9.000 -9.000 -999. 58. 13.2 0.0380 0.83 1.00 1.30 233.0 10.0 289.9 2.0 0
0.00 93. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 21 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0330 0.83 1.00 1.69 318.0 10.0 289.9 2.0 0
0.00 93. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 22 -8.8 0.123 -9.000 -9.000 -999. 104. 19.3 0.0330 0.83 1.00 1.94 317.0 10.0 289.2 2.0 0
0.00 93. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 23 -9.7 0.129 -9.000 -9.000 -999. 111. 19.8 0.0260 0.83 1.00 2.10 298.0 10.0 289.2 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
16 11 7 312 24 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.81 314.0 10.0 288.1 2.0 0
0.00 93. 1014. 0 ADJ-A1 NoSubs
16 11 8 313 1 -8.4 0.119 -9.000 -9.000 -999. 99. 18.2 0.0260 0.83 1.00 1.96 284.0 10.0 287.5 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 11 8 313 2 -9.5 0.128 -9.000 -9.000 -999. 110. 20.0 0.0330 0.83 1.00 2.01 302.0 10.0 287.5 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 11 8 313 3 -7.0 0.109 -9.000 -9.000 -999. 87. 16.9 0.0330 0.83 1.00 1.74 315.0 10.0 286.4 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 4 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.83 1.00 1.13 355.0 10.0 287.5 2.0 0
0.00 93. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 5 -2.3 0.067 -9.000 -9.000 -999. 41. 11.4 0.0310 0.83 1.00 0.96 7.0 10.0 287.0 2.0 0

0.00 96. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 6 -6.1 0.101 -9.000 -9.000 -999. 77. 15.4 0.0290 0.83 1.00 1.65 257.0 10.0 286.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 8 313 7 -7.1 0.109 -9.000 -9.000 -999. 87. 16.6 0.0260 0.83 1.00 1.81 283.0 10.0 285.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 8 313 8 -2.7 0.097 -9.000 -9.000 -999. 73. 30.5 0.0260 0.83 0.42 1.55 270.0 10.0 288.8 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 11 8 313 9 44.7 0.143 0.634 0.010 207. 129. -5.9 0.0340 0.83 0.26 1.54 147.0 10.0 290.9 2.0 0
0.00 83. 1015. 0 ADJ-A1 NoSubs
16 11 8 313 10 89.4 0.172 0.988 0.009 391. 172. -5.2 0.0370 0.83 0.21 1.79 164.0 10.0 293.1 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
16 11 8 313 11 119.8 0.201 1.221 0.010 550. 216. -6.1 0.0370 0.83 0.19 2.13 163.0 10.0 294.9 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
16 11 8 313 12 134.5 0.186 1.318 0.010 617. 192. -4.3 0.0370 0.83 0.19 1.88 159.0 10.0 296.4 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
16 11 8 313 13 132.4 0.258 1.345 0.009 664. 314. -11.7 0.0380 0.83 0.19 2.93 217.0 10.0 297.0 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 14 113.9 0.290 1.314 0.009 720. 374. -19.3 0.0380 0.83 0.20 3.46 238.0 10.0 297.0 2.0 0
0.00 56. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 15 79.3 0.242 1.197 0.009 782. 286. -16.1 0.0380 0.83 0.22 2.84 227.0 10.0 295.9 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 16 31.6 0.166 0.890 0.010 805. 164. -13.0 0.0230 0.83 0.29 2.11 187.0 10.0 294.9 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 17 -15.7 0.225 -9.000 -9.000 -999. 257. 65.8 0.0370 0.83 0.52 3.32 151.0 10.0 289.9 2.0 0
0.00 93. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 18 -10.8 0.138 -9.000 -9.000 -999. 126. 21.9 0.0370 0.83 1.00 2.11 161.0 10.0 288.1 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 19 -2.5 0.068 -9.000 -9.000 -999. 44. 11.5 0.0330 0.83 1.00 0.99 320.0 10.0 288.8 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 11 8 313 20 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.83 1.00 1.48 194.0 10.0 287.0 2.0 0
0.00 100. 1014. 3 ADJ-A1 NoSubs
16 11 8 313 21 -3.1 0.074 -9.000 -9.000 -999. 48. 11.9 0.0340 0.83 1.00 1.13 134.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 8 313 22 -3.6 0.078 -9.000 -9.000 -999. 53. 12.3 0.0330 0.83 1.00 1.23 319.0 10.0 285.9 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 8 313 23 -3.0 0.073 -9.000 -9.000 -999. 48. 12.0 0.0380 0.83 1.00 1.09 357.0 10.0 285.9 2.0 0
0.00 100. 1015. 7 ADJ-A1 NoSubs
16 11 8 313 24 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.83 1.00 1.59 332.0 10.0 285.4 2.0 0
0.00 100. 1014. 5 ADJ-A1 NoSubs
16 11 9 314 1 -5.7 0.098 -9.000 -9.000 -999. 74. 15.1 0.0330 0.83 1.00 1.57 327.0 10.0 285.4 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
16 11 9 314 2 -8.2 0.117 -9.000 -9.000 -999. 96. 17.8 0.0260 0.83 1.00 1.93 289.0 10.0 285.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 9 314 3 -3.3 0.077 -9.000 -9.000 -999. 51. 12.3 0.0380 0.83 1.00 1.16 238.0 10.0 285.4 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 9 314 4 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.83 1.00 1.06 337.0 10.0 284.2 2.0 0
0.00 100. 1013. 5 ADJ-A1 NoSubs
16 11 9 314 5 -6.3 0.103 -9.000 -9.000 -999. 80. 15.9 0.0330 0.83 1.00 1.65 305.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 9 314 6 -7.6 0.114 -9.000 -9.000 -999. 93. 17.6 0.0330 0.83 1.00 1.81 308.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 9 314 7 -6.5 0.105 -9.000 -9.000 -999. 81. 16.1 0.0330 0.83 1.00 1.67 318.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 9 314 8 -2.3 0.083 -9.000 -9.000 -999. 58. 22.5 0.0310 0.83 0.43 1.31 25.0 10.0 287.0 2.0 0

0.00 96. 1014. 0 ADJ-A1 NoSubs
16 11 9 314 9 42.8 0.181 0.642 0.016 223. 185. -12.6 0.0290 0.83 0.27 2.20 66.0 10.0 289.2 2.0 0
0.00 93. 1013. 0 ADJ-A1 NoSubs
16 11 9 314 10 87.4 0.144 0.896 0.015 298. 131. -3.1 0.0290 0.83 0.21 1.47 70.0 10.0 291.4 2.0 0
0.00 84. 1013. 0 ADJ-A1 NoSubs
16 11 9 314 11 118.8 0.161 1.068 0.014 370. 155. -3.2 0.0340 0.83 0.19 1.60 134.0 10.0 295.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
16 11 9 314 12 133.7 0.226 1.229 0.014 501. 258. -7.8 0.0300 0.83 0.19 2.59 96.0 10.0 297.5 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
16 11 9 314 13 132.3 0.234 1.291 0.014 586. 272. -8.8 0.0300 0.83 0.19 2.72 105.0 10.0 299.2 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
16 11 9 314 14 113.3 0.227 1.248 0.012 618. 260. -9.3 0.0370 0.83 0.20 2.54 168.0 10.0 298.1 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
16 11 9 314 15 79.0 0.196 1.120 0.012 640. 209. -8.6 0.0230 0.83 0.22 2.40 184.0 10.0 297.5 2.0 0
0.00 61. 1010. 0 ADJ-A1 NoSubs
16 11 9 314 16 31.1 0.195 0.826 0.012 652. 206. -21.4 0.0380 0.83 0.30 2.35 227.0 10.0 295.9 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
16 11 9 314 17 -7.5 0.126 -9.000 -9.000 -999. 108. 24.0 0.0370 0.83 0.52 1.91 164.0 10.0 293.1 2.0 0
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16 11 9 314 18 -2.9 0.073 -9.000 -9.000 -999. 48. 11.9 0.0370 0.83 1.00 1.09 172.0 10.0 289.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
16 11 9 314 19 -3.0 0.072 -9.000 -9.000 -999. 46. 11.2 0.0230 0.83 1.00 1.18 201.0 10.0 288.8 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
16 11 9 314 20 -2.5 0.068 -9.000 -9.000 -999. 42. 11.3 0.0290 0.83 1.00 1.01 253.0 10.0 287.5 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
16 11 9 314 21 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0330 0.83 1.00 1.26 318.0 10.0 288.1 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 11 9 314 22 -6.3 0.103 -9.000 -9.000 -999. 80. 16.0 0.0330 0.83 1.00 1.65 319.0 10.0 288.1 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
16 11 9 314 23 -10.3 0.134 -9.000 -9.000 -999. 118. 21.1 0.0330 0.83 1.00 2.10 314.0 10.0 287.5 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
16 11 9 314 24 -9.5 0.127 -9.000 -9.000 -999. 109. 19.5 0.0260 0.83 1.00 2.08 294.0 10.0 287.0 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 1 -6.8 0.108 -9.000 -9.000 -999. 85. 16.7 0.0330 0.83 1.00 1.72 304.0 10.0 286.4 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 2 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.38 318.0 10.0 285.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 3 -9.0 0.124 -9.000 -9.000 -999. 105. 19.4 0.0330 0.83 1.00 1.96 306.0 10.0 285.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 4 -7.6 0.114 -9.000 -9.000 -999. 93. 17.6 0.0330 0.83 1.00 1.81 314.0 10.0 285.4 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 5 -9.2 0.126 -9.000 -9.000 -999. 107. 19.6 0.0330 0.83 1.00 1.98 322.0 10.0 285.4 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 6 -6.7 0.106 -9.000 -9.000 -999. 83. 16.0 0.0260 0.83 1.00 1.76 294.0 10.0 284.9 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 7 -7.0 0.108 -9.000 -9.000 -999. 85. 16.4 0.0260 0.83 1.00 1.79 285.0 10.0 286.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
16 11 10 315 8 -4.0 0.113 -9.000 -9.000 -999. 92. 32.6 0.0380 0.83 0.44 1.69 340.0 10.0 288.1 2.0 0
0.00 93. 1012. 0 ADJ-A1 NoSubs
16 11 10 315 9 41.8 0.106 0.507 0.014 113. 83. -2.6 0.0330 0.83 0.27 1.03 325.0 10.0 289.9 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 11 10 315 10 86.8 0.121 0.850 0.016 255. 101. -1.9 0.0300 0.83 0.21 1.14 112.0 10.0 293.1 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 11 118.0 0.144 1.071 0.015 375. 131. -2.3 0.0340 0.83 0.19 1.35 123.0 10.0 296.4 2.0 0

0.00 61. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 12 132.5 0.146 1.240 0.014 519. 133. -2.1 0.0340 0.83 0.19 1.35 122.0 10.0 297.5 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
16 11 10 315 13 131.8 0.150 1.284 0.012 579. 140. -2.3 0.0340 0.83 0.19 1.42 133.0 10.0 300.4 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
16 11 10 315 14 112.1 0.232 1.235 0.011 606. 268. -10.0 0.0230 0.83 0.20 2.88 206.0 10.0 298.1 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
16 11 10 315 15 77.6 0.215 1.101 0.010 619. 239. -11.5 0.0380 0.83 0.22 2.44 225.0 10.0 297.0 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
16 11 10 315 16 30.1 0.168 0.805 0.010 624. 166. -14.2 0.0370 0.83 0.30 1.96 176.0 10.0 295.9 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
16 11 10 315 17 -12.5 0.177 -9.000 -9.000 -999. 179. 40.0 0.0370 0.83 0.53 2.64 176.0 10.0 293.1 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
16 11 10 315 18 -19.5 0.200 -9.000 -9.000 -999. 214. 43.8 0.0370 0.83 1.00 2.98 161.0 10.0 289.9 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 19 -6.5 0.106 -9.000 -9.000 -999. 87. 16.6 0.0380 0.83 1.00 1.65 233.0 10.0 289.2 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 20 -1.6 0.061 -9.000 -9.000 -999. 37. 13.0 0.0380 0.83 1.00 0.70 338.0 10.0 288.8 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 11 10 315 21 -9.2 0.127 -9.000 -9.000 -999. 108. 19.8 0.0330 0.83 1.00 1.99 310.0 10.0 288.1 2.0 0
0.00 93. 1012. 0 ADJ-A1 NoSubs
16 11 10 315 22 -8.8 0.123 -9.000 -9.000 -999. 103. 18.7 0.0260 0.83 1.00 2.01 294.0 10.0 287.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 11 10 315 23 -1.6 0.061 -9.000 -9.000 -999. 37. 12.6 0.0330 0.83 1.00 0.72 326.0 10.0 286.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 11 10 315 24 -8.2 0.118 -9.000 -9.000 -999. 97. 18.0 0.0260 0.83 1.00 1.94 294.0 10.0 286.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 1 -10.4 0.134 -9.000 -9.000 -999. 118. 21.0 0.0330 0.83 1.00 2.10 303.0 10.0 285.9 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 2 -10.0 0.131 -9.000 -9.000 -999. 114. 20.5 0.0330 0.83 1.00 2.06 300.0 10.0 285.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 3 -6.5 0.106 -9.000 -9.000 -999. 82. 16.4 0.0380 0.83 1.00 1.64 350.0 10.0 284.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 4 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.83 1.00 1.50 350.0 10.0 284.2 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
16 11 11 316 5 -12.6 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.83 1.00 2.30 313.0 10.0 284.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 6 -16.3 0.170 -9.000 -9.000 -999. 168. 31.7 0.0330 0.83 1.00 2.61 306.0 10.0 285.4 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 7 -3.6 0.078 -9.000 -9.000 -999. 57. 12.1 0.0290 0.83 1.00 1.26 268.0 10.0 284.2 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 8 -5.9 0.144 -9.000 -9.000 -999. 131. 46.0 0.0380 0.83 0.44 2.13 338.0 10.0 285.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 9 40.7 0.145 0.538 0.020 138. 132. -6.7 0.0380 0.83 0.27 1.55 330.0 10.0 290.4 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
16 11 11 316 10 85.5 0.128 0.812 0.018 226. 110. -2.2 0.0310 0.83 0.21 1.23 9.0 10.0 293.1 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
16 11 11 316 11 116.5 0.133 1.010 0.016 319. 117. -1.8 0.0300 0.83 0.19 1.25 91.0 10.0 295.9 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 12 129.9 0.224 1.153 0.014 426. 255. -7.8 0.0230 0.83 0.19 2.72 200.0 10.0 294.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 13 126.6 0.261 1.210 0.012 506. 321. -12.7 0.0380 0.83 0.19 3.00 229.0 10.0 292.5 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 14 108.2 0.218 1.172 0.010 538. 245. -8.6 0.0380 0.83 0.20 2.40 211.0 10.0 292.5 2.0 0

0.00 72. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 15 74.4 0.236 1.048 0.009 559. 276. -16.0 0.0370 0.83 0.22 2.79 174.0 10.0 292.5 2.0 0
0.00 78. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 16 26.3 0.190 0.744 0.009 564. 199. -23.4 0.0230 0.83 0.30 2.54 190.0 10.0 289.2 2.0 0
0.00 93. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 17 -12.1 0.177 -9.000 -9.000 -999. 179. 41.4 0.0380 0.83 0.53 2.62 214.0 10.0 288.1 2.0 0
0.00 96. 1013. 3 ADJ-A1 NoSubs
16 11 11 316 18 -4.9 0.092 -9.000 -9.000 -999. 70. 14.3 0.0380 0.83 1.00 1.43 214.0 10.0 287.5 2.0 0
0.00 100. 1013. 3 ADJ-A1 NoSubs
16 11 11 316 19 -5.9 0.101 -9.000 -9.000 -999. 77. 15.5 0.0340 0.83 1.00 1.60 130.0 10.0 287.5 2.0 0
0.00 96. 1013. 3 ADJ-A1 NoSubs
16 11 11 316 20 -6.6 0.106 -9.000 -9.000 -999. 82. 16.1 0.0290 0.83 1.00 1.72 63.0 10.0 287.5 2.0 0
0.00 100. 1013. 7 ADJ-A1 NoSubs
16 11 11 316 21 -8.2 0.119 -9.000 -9.000 -999. 99. 18.8 0.0380 0.83 1.00 1.84 330.0 10.0 287.5 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
16 11 11 316 22 -10.5 0.134 -9.000 -9.000 -999. 117. 20.6 0.0260 0.83 1.00 2.18 277.0 10.0 287.0 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 11 316 23 -8.9 0.124 -9.000 -9.000 -999. 104. 19.2 0.0300 0.83 1.00 1.98 93.0 10.0 287.5 2.0 0
0.00 93. 1013. 0 ADJ-A1 NoSubs
16 11 11 316 24 -7.4 0.112 -9.000 -9.000 -999. 90. 17.2 0.0290 0.83 1.00 1.82 79.0 10.0 287.0 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 12 317 1 -7.3 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.83 1.00 1.77 303.0 10.0 285.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 2 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.83 1.00 1.55 330.0 10.0 285.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 3 -8.7 0.122 -9.000 -9.000 -999. 103. 19.0 0.0330 0.83 1.00 1.93 303.0 10.0 285.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 4 -7.7 0.114 -9.000 -9.000 -999. 93. 17.6 0.0330 0.83 1.00 1.81 325.0 10.0 284.2 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 5 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.83 1.00 1.86 316.0 10.0 284.2 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 6 -14.1 0.156 -9.000 -9.000 -999. 148. 26.9 0.0330 0.83 1.00 2.42 318.0 10.0 283.1 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 7 -9.8 0.130 -9.000 -9.000 -999. 113. 20.2 0.0330 0.83 1.00 2.04 307.0 10.0 283.8 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
16 11 12 317 8 -4.3 0.106 -9.000 -9.000 -999. 83. 24.9 0.0330 0.83 0.45 1.64 324.0 10.0 284.9 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
16 11 12 317 9 38.5 0.121 0.723 0.007 355. 102. -4.2 0.0290 0.83 0.27 1.30 62.0 10.0 287.5 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
16 11 12 317 10 83.1 0.181 1.063 0.006 524. 184. -6.4 0.0290 0.83 0.22 2.04 83.0 10.0 290.4 2.0 0
0.00 72. 1015. 0 ADJ-A1 NoSubs
16 11 12 317 11 113.9 0.154 1.251 0.005 623. 146. -2.9 0.0290 0.83 0.19 1.57 83.0 10.0 293.1 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
16 11 12 317 12 128.6 0.145 1.376 0.005 733. 133. -2.2 0.0300 0.83 0.19 1.40 90.0 10.0 294.9 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 13 126.6 0.146 1.425 0.006 827. 133. -2.2 0.0230 0.83 0.19 1.50 191.0 10.0 295.4 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
16 11 12 317 14 107.6 0.295 1.378 0.008 879. 384. -21.5 0.0290 0.83 0.20 3.75 244.0 10.0 293.8 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
16 11 12 317 15 73.8 0.253 1.282 0.013 1032. 306. -19.8 0.0380 0.83 0.23 3.03 239.0 10.0 293.8 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
16 11 12 317 16 26.7 0.198 0.938 0.015 1117. 212. -26.3 0.0370 0.83 0.30 2.44 153.0 10.0 292.5 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
16 11 12 317 17 -13.5 0.178 -9.000 -9.000 -999. 180. 37.5 0.0340 0.83 0.54 2.69 124.0 10.0 289.9 2.0 0

0.00 93. 1013. 0 ADJ-A1 NoSubs
16 11 12 317 18 -5.2 0.094 -9.000 -9.000 -999. 72. 14.4 0.0300 0.83 1.00 1.53 94.0 10.0 288.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 19 -2.8 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.83 1.00 1.08 55.0 10.0 287.5 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 20 -5.8 0.100 -9.000 -9.000 -999. 75. 15.5 0.0380 0.83 1.00 1.55 340.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 21 -8.3 0.120 -9.000 -9.000 -999. 99. 18.6 0.0330 0.83 1.00 1.89 304.0 10.0 286.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 22 -5.9 0.100 -9.000 -9.000 -999. 76. 15.4 0.0330 0.83 1.00 1.60 315.0 10.0 285.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 12 317 23 -6.5 0.105 -9.000 -9.000 -999. 81. 16.1 0.0330 0.83 1.00 1.67 325.0 10.0 285.4 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 11 12 317 24 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.83 1.00 1.47 331.0 10.0 284.2 2.0 0
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16 11 13 318 1 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.83 1.00 1.86 318.0 10.0 284.2 2.0 0
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16 11 13 318 8 -1.7 0.064 -9.000 -9.000 -999. 39. 13.8 0.0260 0.83 0.45 1.06 297.0 10.0 285.4 2.0 0
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16 11 13 318 9 37.1 0.103 0.556 0.010 167. 79. -2.6 0.0370 0.83 0.28 0.97 153.0 10.0 287.0 2.0 0
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0.00 83. 1016. 0 ADJ-A1 NoSubs
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0.00 75. 1015. 0 ADJ-A1 NoSubs
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16 11 13 318 16 24.5 0.252 0.800 0.008 757. 304. -59.1 0.0370 0.83 0.31 3.27 154.0 10.0 289.2 2.0 0
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16 11 13 318 24 -1.9 0.062 -9.000 -9.000 -999. 37. 11.2 0.0230 0.83 1.00 0.87 189.0 10.0 285.4 2.0 0
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16 11 14 319 1 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0310 0.83 1.00 1.06 27.0 10.0 285.4 2.0 0
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16 11 14 319 4 -5.5 0.096 -9.000 -9.000 -999. 72. 14.7 0.0330 0.83 1.00 1.54 317.0 10.0 284.9 2.0 0
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16 11 14 319 5 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.11 358.0 10.0 284.9 2.0 0
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16 11 14 319 7 -6.9 0.107 -9.000 -9.000 -999. 84. 16.1 0.0260 0.83 1.00 1.77 284.0 10.0 284.2 2.0 0
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16 11 14 319 8 -8.2 0.131 -9.000 -9.000 -999. 113. 24.6 0.0260 0.83 0.46 2.10 280.0 10.0 283.8 2.0 0
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16 11 14 319 9 6.0 0.110 0.200 0.016 48. 88. -20.3 0.0260 0.83 0.28 1.43 271.0 10.0 284.2 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
16 11 14 319 10 17.1 0.098 0.354 0.016 94. 74. -5.1 0.0290 0.83 0.22 1.08 264.0 10.0 284.9 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 11 14 319 11 24.8 0.118 0.455 0.016 137. 98. -6.1 0.0380 0.83 0.20 1.25 216.0 10.0 285.9 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 11 14 319 12 29.2 0.108 0.521 0.016 175. 86. -3.9 0.0230 0.83 0.19 1.21 180.0 10.0 288.8 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
16 11 14 319 13 122.4 0.174 1.000 0.015 295. 175. -3.9 0.0370 0.83 0.19 1.74 160.0 10.0 290.9 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
16 11 14 319 14 104.0 0.279 1.051 0.013 404. 355. -19.0 0.0370 0.83 0.20 3.35 177.0 10.0 290.4 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
16 11 14 319 15 74.6 0.296 0.985 0.013 463. 387. -31.5 0.0230 0.83 0.23 4.05 195.0 10.0 287.0 2.0 0
0.00 96. 1014. 4 ADJ-A1 NoSubs
16 11 14 319 16 3.2 0.143 0.346 0.013 464. 148. -82.2 0.0230 0.83 0.31 2.06 203.0 10.0 285.9 2.0 0
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16 11 14 319 17 -6.0 0.105 -9.000 -9.000 -999. 82. 17.5 0.0340 0.83 0.55 1.66 147.0 10.0 286.4 2.0 0
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16 11 14 319 18 -8.0 0.117 -9.000 -9.000 -999. 96. 18.0 0.0300 0.83 1.00 1.88 108.0 10.0 285.9 2.0 0
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16 11 14 319 19 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0290 0.83 1.00 1.59 69.0 10.0 285.9 2.0 0
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16 11 14 319 20 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0300 0.83 1.00 1.38 110.0 10.0 285.9 2.0 0
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16 11 14 319 21 -3.7 0.079 -9.000 -9.000 -999. 53. 12.3 0.0310 0.83 1.00 1.26 19.0 10.0 285.9 2.0 0
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16 11 14 319 22 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.38 44.0 10.0 285.9 2.0 0
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16 11 14 319 23 -5.3 0.095 -9.000 -9.000 -999. 70. 14.6 0.0330 0.83 1.00 1.52 37.0 10.0 285.9 2.0 0

0.00 100. 1015. 10 ADJ-A1 NoSubs
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0.00 100. 1015. 10 ADJ-A1 NoSubs
16 11 15 320 1 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.83 1.00 1.28 344.0 10.0 285.4 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
16 11 15 320 2 -6.3 0.104 -9.000 -9.000 -999. 80. 16.0 0.0370 0.83 1.00 1.62 157.0 10.0 285.4 2.0 0
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16 11 15 320 3 -5.0 0.092 -9.000 -9.000 -999. 67. 13.9 0.0310 0.83 1.00 1.48 8.0 10.0 284.9 2.0 0
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16 11 15 320 4 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.83 1.00 1.74 335.0 10.0 284.9 2.0 0
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16 11 15 320 6 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.83 1.00 1.47 331.0 10.0 285.4 2.0 0
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16 11 15 320 9 6.3 0.138 0.333 0.011 210. 123. -37.9 0.0330 0.83 0.28 1.79 325.0 10.0 286.4 2.0 0
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16 11 15 320 10 17.5 0.138 0.525 0.013 299. 123. -13.5 0.0380 0.83 0.22 1.59 337.0 10.0 287.5 2.0 0
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16 11 15 320 11 92.3 0.133 1.086 0.018 503. 116. -2.3 0.0330 0.83 0.20 1.26 43.0 10.0 288.1 2.0 0
0.00 86. 1015. 7 ADJ-A1 NoSubs
16 11 15 320 12 122.7 0.152 1.247 0.018 573. 142. -2.6 0.0370 0.83 0.19 1.43 158.0 10.0 289.2 2.0 0
0.00 86. 1014. 5 ADJ-A1 NoSubs
16 11 15 320 13 121.3 0.151 1.263 0.017 601. 140. -2.5 0.0370 0.83 0.19 1.41 170.0 10.0 290.9 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
16 11 15 320 14 103.3 0.198 1.215 0.016 627. 212. -6.8 0.0230 0.83 0.20 2.37 200.0 10.0 291.4 2.0 0
0.00 75. 1012. 0 ADJ-A1 NoSubs
16 11 15 320 15 16.0 0.240 0.655 0.016 632. 283. -78.3 0.0380 0.83 0.23 3.15 214.0 10.0 290.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
16 11 15 320 16 25.6 0.280 0.768 0.016 639. 355. -77.1 0.0380 0.83 0.31 3.66 211.0 10.0 288.1 2.0 0
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16 11 15 320 17 -8.9 0.130 -9.000 -9.000 -999. 130. 22.3 0.0370 0.83 0.55 1.99 165.0 10.0 288.8 2.0 0
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16 11 15 320 18 -4.2 0.085 -9.000 -9.000 -999. 60. 13.1 0.0310 0.83 1.00 1.37 5.0 10.0 288.8 2.0 0
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16 11 15 320 23 -3.8 0.080 -9.000 -9.000 -999. 55. 12.3 0.0290 0.83 1.00 1.30 264.0 10.0 285.9 2.0 0
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16 11 15 320 24 -4.0 0.082 -9.000 -9.000 -999. 56. 12.4 0.0260 0.83 1.00 1.35 294.0 10.0 285.9 2.0 0
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0.00 83. 1014. 0 ADJ-A1 NoSubs
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0.00 79. 1014. 0 ADJ-A1 NoSubs
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0.00 68. 1014. 0 ADJ-A1 NoSubs
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0.00 40. 1013. 0 ADJ-A1 NoSubs
16 11 16 321 13 120.1 0.278 1.559 0.005 1140. 352. -16.1 0.0260 0.83 0.19 3.52 282.0 10.0 290.4 2.0
0 0.00 42. 1012. 5 ADJ-A1 NoSubs
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0 0.00 39. 1011. 3 ADJ-A1 Sub_CC
16 11 16 321 15 68.2 0.275 1.376 0.005 1377. 346. -27.5 0.0260 0.83 0.23 3.64 291.0 10.0 289.9 2.0 0
0.00 37. 1011. 0 ADJ-A1 NoSubs
16 11 16 321 16 21.8 0.300 0.945 0.005 1400. 394. -111.8 0.0260 0.83 0.31 4.27 275.0 10.0 288.8 2.0
0 0.00 43. 1012. 0 ADJ-A1 NoSubs
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16 11 16 321 18 -25.1 0.252 -9.000 -9.000 -999. 303. 69.6 0.0290 0.83 1.00 3.88 252.0 10.0 284.2 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
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16 11 16 321 20 -6.1 0.101 -9.000 -9.000 -999. 85. 15.5 0.0330 0.83 1.00 1.62 323.0 10.0 282.0 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
16 11 16 321 21 -8.1 0.118 -9.000 -9.000 -999. 97. 18.0 0.0330 0.83 1.00 1.86 328.0 10.0 280.4 2.0 0
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16 11 16 321 22 -14.5 0.158 -9.000 -9.000 -999. 151. 27.6 0.0330 0.83 1.00 2.45 313.0 10.0 279.9 2.0 0
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0.00 88. 1013. 0 ADJ-A1 NoSubs
16 11 17 322 1 -12.2 0.144 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 312.0 10.0 278.8 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
16 11 17 322 2 -11.8 0.142 -9.000 -9.000 -999. 129. 22.3 0.0330 0.83 1.00 2.22 322.0 10.0 278.1 2.0 0
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0.00 88. 1013. 0 ADJ-A1 NoSubs
16 11 17 322 4 -8.2 0.117 -9.000 -9.000 -999. 97. 17.9 0.0330 0.83 1.00 1.86 313.0 10.0 278.1 2.0 0
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16 11 17 322 5 -11.2 0.138 -9.000 -9.000 -999. 123. 21.4 0.0330 0.83 1.00 2.16 304.0 10.0 278.1 2.0 0

0.00 92. 1014. 0 ADJ-A1 NoSubs
16 11 17 322 6 -8.5 0.119 -9.000 -9.000 -999. 99. 18.2 0.0330 0.83 1.00 1.89 318.0 10.0 276.4 2.0 0
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16 11 17 322 7 -4.0 0.082 -9.000 -9.000 -999. 57. 12.6 0.0330 0.83 1.00 1.30 320.0 10.0 276.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 11 17 322 8 -1.8 0.063 -9.000 -9.000 -999. 38. 12.5 0.0380 0.83 0.48 0.96 339.0 10.0 279.9 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
16 11 17 322 9 30.8 0.099 0.535 0.008 179. 74. -2.8 0.0300 0.83 0.29 0.99 102.0 10.0 281.4 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
16 11 17 322 10 74.9 0.164 0.904 0.007 357. 159. -5.3 0.0290 0.83 0.22 1.81 88.0 10.0 284.2 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
16 11 17 322 11 105.3 0.122 1.142 0.006 512. 103. -1.6 0.0340 0.83 0.20 1.08 137.0 10.0 286.4 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
16 11 17 322 12 119.8 0.137 1.265 0.005 611. 121. -1.9 0.0340 0.83 0.19 1.25 149.0 10.0 287.5 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
16 11 17 322 13 118.4 0.151 1.304 0.005 677. 140. -2.6 0.0340 0.83 0.19 1.45 124.0 10.0 289.2 2.0 0
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0.00 66. 1010. 10 ADJ-A1 NoSubs
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1.00 96. 1009. 10 ADJ-A1 NoSubs
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2.30 100. 1008. 10 ADJ-A1 NoSubs
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1.30 100. 1009. 10 ADJ-A1 NoSubs
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2.30 100. 1009. 10 ADJ-A1 NoSubs
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1.50 100. 1009. 10 ADJ-A1 NoSubs
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2.00 100. 1009. 10 ADJ-A1 NoSubs
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2.80 100. 1009. 10 ADJ-A1 NoSubs
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0.50 100. 1009. 10 ADJ-A1 NoSubs
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1.50 100. 1009. 10 ADJ-A1 NoSubs
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2.00 100. 1009. 10 ADJ-A1 NoSubs
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2.50 100. 1009. 10 ADJ-A1 NoSubs
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1.50 100. 1008. 10 ADJ-A1 NoSubs
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0.50 100. 1008. 10 ADJ-A1 NoSubs
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0.30 100. 1008. 10 ADJ-A1 NoSubs
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16 11 20 325 9 5.0 0.119 0.234 0.005 91. 99. -30.4 0.0380 0.83 0.29 1.48 331.0 10.0 287.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
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0.00 93. 1009. 7 ADJ-A1 Sub_CC
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0.50 100. 1007. 10 ADJ-A1 NoSubs
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0.00 100. 1010. 10 ADJ-A1 NoSubs
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0.00 100. 1012. 10 ADJ-A1 NoSubs
16 11 21 326 9 4.1 0.082 0.182 0.006 52. 57. -12.2 0.0380 0.83 0.30 0.94 353.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
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0.00 92. 1012. 10 ADJ-A1 NoSubs
16 11 21 326 11 105.0 0.150 1.046 0.005 394. 140. -2.9 0.0340 0.83 0.20 1.47 128.0 10.0 286.4 2.0 0
0.00 92. 1012. 4 ADJ-A1 NoSubs
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0.00 83. 1012. 4 ADJ-A1 NoSubs
16 11 21 326 13 118.1 0.279 1.414 0.005 864. 355. -16.7 0.0230 0.83 0.19 3.64 186.0 10.0 288.8 2.0 0
0.00 83. 1012. 2 ADJ-A1 NoSubs
16 11 21 326 14 22.8 0.233 0.832 0.005 914. 271. -50.1 0.0380 0.83 0.20 2.98 219.0 10.0 289.9 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
16 11 21 326 15 58.0 0.232 1.171 0.006 1000. 268. -19.4 0.0230 0.83 0.24 3.06 196.0 10.0 289.9 2.0 0
0.00 69. 1012. 7 ADJ-A1 NoSubs
16 11 21 326 16 22.8 0.147 0.861 0.005 1011. 138. -12.6 0.0330 0.83 0.32 1.74 44.0 10.0 289.9 2.0 0
0.00 69. 1012. 7 ADJ-A1 NoSubs
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16 11 21 326 19 -5.5 0.096 -9.000 -9.000 -999. 72. 14.8 0.0330 0.83 1.00 1.54 300.0 10.0 285.9 2.0 0
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0.00 100. 1016. 0 ADJ-A1 NoSubs
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16 11 21 326 24 -13.5 0.153 -9.000 -9.000 -999. 143. 25.7 0.0330 0.83 1.00 2.37 315.0 10.0 280.9 2.0 0
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16 11 22 327 1 -12.5 0.147 -9.000 -9.000 -999. 135. 23.6 0.0330 0.83 1.00 2.28 315.0 10.0 280.9 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
16 11 22 327 2 -12.1 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.83 1.00 2.25 317.0 10.0 280.4 2.0 0
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16 11 22 327 3 -13.9 0.155 -9.000 -9.000 -999. 146. 26.4 0.0330 0.83 1.00 2.40 313.0 10.0 280.4 2.0 0
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16 11 22 327 4 -15.4 0.163 -9.000 -9.000 -999. 158. 29.3 0.0330 0.83 1.00 2.52 313.0 10.0 279.9 2.0 0
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0.00 100. 1017. 0 ADJ-A1 NoSubs
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0.00 92. 1017. 0 ADJ-A1 NoSubs
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0.00 69. 1015. 0 ADJ-A1 NoSubs
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0.00 92. 1015. 0 ADJ-A1 NoSubs
16 11 22 327 19 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.83 1.00 1.26 300.0 10.0 283.1 2.0 0
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16 11 22 327 20 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.83 1.00 1.86 317.0 10.0 282.0 2.0 0

0.00 100. 1016. 0 ADJ-A1 NoSubs
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0.00 100. 1020. 10 ADJ-A1 NoSubs
16 11 23 328 9 24.5 0.104 0.566 0.005 270. 80. -4.2 0.0380 0.83 0.30 1.04 341.0 10.0 283.8 2.0 0
0.00 100. 1021. 0 ADJ-A1 NoSubs
16 11 23 328 10 68.3 0.153 1.077 0.005 666. 144. -4.8 0.0290 0.83 0.23 1.67 87.0 10.0 285.9 2.0 0
0.00 82. 1022. 0 ADJ-A1 NoSubs
16 11 23 328 11 103.6 0.172 1.297 0.005 769. 171. -4.5 0.0300 0.83 0.20 1.84 114.0 10.0 287.0 2.0 0
0.00 68. 1022. 3 ADJ-A1 NoSubs
16 11 23 328 12 118.1 0.129 1.425 0.005 894. 111. -1.6 0.0330 0.83 0.19 1.16 58.0 10.0 287.5 2.0 0
0.00 64. 1021. 3 ADJ-A1 NoSubs
16 11 23 328 13 112.2 0.147 1.472 0.005 1035. 135. -2.6 0.0230 0.83 0.19 1.55 193.0 10.0 288.8 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
16 11 23 328 14 81.7 0.212 1.363 0.005 1129. 234. -10.6 0.0380 0.83 0.21 2.39 215.0 10.0 288.1 2.0 0
0.00 68. 1020. 7 ADJ-A1 NoSubs
16 11 23 328 15 61.6 0.299 1.259 0.005 1179. 392. -39.4 0.0290 0.83 0.24 3.97 245.0 10.0 287.5 2.0 0
0.00 71. 1020. 0 ADJ-A1 NoSubs
16 11 23 328 16 16.4 0.254 0.813 0.005 1192. 308. -90.9 0.0290 0.83 0.33 3.52 247.0 10.0 287.0 2.0 0
0.00 77. 1020. 0 ADJ-A1 NoSubs
16 11 23 328 17 -9.4 0.130 -9.000 -9.000 -999. 122. 21.5 0.0290 0.83 0.59 2.08 269.0 10.0 286.4 2.0 0
0.00 80. 1020. 0 ADJ-A1 NoSubs
16 11 23 328 18 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0380 0.83 1.00 1.28 330.0 10.0 283.8 2.0 0
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16 11 23 328 19 -5.5 0.096 -9.000 -9.000 -999. 71. 14.6 0.0330 0.83 1.00 1.53 307.0 10.0 282.5 2.0 0
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16 11 23 328 20 -5.5 0.096 -9.000 -9.000 -999. 71. 14.6 0.0330 0.83 1.00 1.53 303.0 10.0 281.4 2.0 0
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16 11 23 328 21 -4.5 0.086 -9.000 -9.000 -999. 61. 12.9 0.0260 0.83 1.00 1.43 275.0 10.0 280.9 2.0 0
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16 11 23 328 22 -14.6 0.158 -9.000 -9.000 -999. 151. 27.6 0.0330 0.83 1.00 2.45 308.0 10.0 280.4 2.0 0
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0.00 92. 1022. 0 ADJ-A1 NoSubs
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0.00 96. 1022. 0 ADJ-A1 NoSubs
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0.00 95. 1022. 0 ADJ-A1 NoSubs
16 11 24 329 3 -13.4 0.151 -9.000 -9.000 -999. 141. 25.2 0.0330 0.83 1.00 2.35 315.0 10.0 278.1 2.0 0
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0.00 100. 1021. 0 ADJ-A1 NoSubs
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0.00 95. 1021. 0 ADJ-A1 NoSubs
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0.00 92. 1021. 0 ADJ-A1 NoSubs
16 11 24 329 10 66.6 0.132 0.837 0.005 321. 114. -3.1 0.0330 0.83 0.23 1.31 44.0 10.0 283.8 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
16 11 24 329 11 97.6 0.183 1.042 0.005 421. 188. -5.7 0.0290 0.83 0.20 2.04 79.0 10.0 287.0 2.0 0
0.00 59. 1020. 0 ADJ-A1 NoSubs
16 11 24 329 12 112.7 0.216 1.168 0.005 514. 240. -8.1 0.0290 0.83 0.19 2.50 61.0 10.0 288.8 2.0 0
0.00 52. 1018. 0 ADJ-A1 NoSubs
16 11 24 329 13 111.7 0.231 1.416 0.014 923. 267. -10.0 0.0290 0.83 0.20 2.74 69.0 10.0 289.9 2.0 0
0.00 47. 1016. 0 ADJ-A1 NoSubs
16 11 24 329 14 94.7 0.155 1.386 0.014 1020. 148. -3.6 0.0290 0.83 0.21 1.62 66.0 10.0 290.9 2.0 0
0.00 44. 1015. 0 ADJ-A1 NoSubs
16 11 24 329 15 61.3 0.243 1.211 0.014 1050. 288. -21.2 0.0380 0.83 0.24 2.93 210.0 10.0 288.8 2.0 0
0.00 56. 1015. 0 ADJ-A1 NoSubs
16 11 24 329 16 16.0 0.215 0.776 0.014 1057. 239. -56.1 0.0290 0.83 0.33 2.91 249.0 10.0 287.5 2.0 0
0.00 59. 1015. 0 ADJ-A1 NoSubs
16 11 24 329 17 -6.3 0.106 -9.000 -9.000 -999. 89. 17.1 0.0290 0.83 0.59 1.72 247.0 10.0 285.9 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
16 11 24 329 18 -9.2 0.126 -9.000 -9.000 -999. 107. 19.5 0.0330 0.83 1.00 1.98 312.0 10.0 283.8 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
16 11 24 329 19 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0330 0.83 1.00 1.45 318.0 10.0 282.0 2.0 0
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0.00 96. 1016. 0 ADJ-A1 NoSubs
16 11 24 329 24 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0330 0.83 1.00 1.52 321.0 10.0 279.2 2.0 0
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0.00 95. 1015. 0 ADJ-A1 NoSubs
16 11 25 330 3 -6.3 0.103 -9.000 -9.000 -999. 79. 15.7 0.0380 0.83 1.00 1.60 337.0 10.0 277.5 2.0 0
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16 11 25 330 4 -7.8 0.115 -9.000 -9.000 -999. 93. 17.5 0.0330 0.83 1.00 1.82 303.0 10.0 278.1 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
16 11 25 330 5 -5.3 0.094 -9.000 -9.000 -999. 69. 14.2 0.0330 0.83 1.00 1.50 314.0 10.0 277.0 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 25 330 6 -2.5 0.068 -9.000 -9.000 -999. 43. 11.4 0.0310 0.83 1.00 0.99 9.0 10.0 277.0 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
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0.00 100. 1015. 0 ADJ-A1 NoSubs
16 11 25 330 8 -1.9 0.061 -9.000 -9.000 -999. 36. 11.1 0.0260 0.83 0.53 0.94 280.0 10.0 278.8 2.0 0
0.00 91. 1015. 0 ADJ-A1 NoSubs
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0.00 92. 1014. 0 ADJ-A1 NoSubs
16 11 25 330 10 65.4 0.151 0.767 0.007 249. 141. -4.8 0.0340 0.83 0.23 1.59 129.0 10.0 283.1 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
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0.00 66. 1014. 0 ADJ-A1 NoSubs
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0.00 63. 1013. 0 ADJ-A1 NoSubs
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0.00 61. 1012. 0 ADJ-A1 NoSubs
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0.00 54. 1011. 0 ADJ-A1 NoSubs
16 11 25 330 15 60.1 0.202 1.149 0.005 910. 219. -12.4 0.0230 0.83 0.24 2.57 204.0 10.0 287.0 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
16 11 25 330 16 15.5 0.145 0.736 0.005 929. 133. -17.8 0.0380 0.83 0.33 1.72 230.0 10.0 287.5 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
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0.00 66. 1010. 0 ADJ-A1 NoSubs
16 11 25 330 18 -9.7 0.129 -9.000 -9.000 -999. 112. 20.1 0.0330 0.83 1.00 2.03 302.0 10.0 283.8 2.0 0
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0.00 92. 1010. 0 ADJ-A1 NoSubs
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0.00 95. 1008. 10 ADJ-A1 NoSubs
16 11 26 331 3 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.83 1.00 1.26 322.0 10.0 281.4 2.0 0
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16 11 26 331 4 -2.3 0.067 -9.000 -9.000 -999. 41. 11.6 0.0330 0.83 1.00 0.94 53.0 10.0 282.5 2.0 0
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0.00 76. 1006. 10 ADJ-A1 NoSubs
16 11 26 331 6 -8.5 0.120 -9.000 -9.000 -999. 100. 18.4 0.0300 0.83 1.00 1.93 104.0 10.0 282.0 2.0 11
0.50 85. 1006. 10 ADJ-A1 NoSubs
16 11 26 331 7 -22.9 0.229 -9.000 -9.000 -999. 263. 57.8 0.0330 0.83 1.00 3.47 30.0 10.0 281.4 2.0 11
1.00 100. 1006. 10 ADJ-A1 NoSubs
16 11 26 331 8 -4.7 0.093 -9.000 -9.000 -999. 83. 15.2 0.0330 0.83 0.54 1.48 321.0 10.0 282.0 2.0 11
1.30 100. 1007. 10 ADJ-A1 NoSubs
16 11 26 331 9 2.1 0.084 0.111 0.005 24. 59. -25.7 0.0260 0.83 0.31 1.11 273.0 10.0 282.0 2.0 11
3.30 100. 1007. 10 ADJ-A1 NoSubs
16 11 26 331 10 13.0 0.106 0.350 0.005 118. 83. -8.3 0.0300 0.83 0.23 1.23 111.0 10.0 282.5 2.0 11
1.50 100. 1007. 10 ADJ-A1 NoSubs
16 11 26 331 11 20.8 0.163 0.473 0.005 182. 158. -18.8 0.0340 0.83 0.20 1.99 141.0 10.0 283.8 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
16 11 26 331 12 92.9 0.180 1.304 0.005 858. 184. -5.7 0.0230 0.83 0.20 2.11 180.0 10.0 283.8 2.0 0
0.00 96. 1007. 7 ADJ-A1 NoSubs
16 11 26 331 13 24.5 0.159 0.854 0.006 912. 152. -14.6 0.0340 0.83 0.20 1.89 121.0 10.0 284.9 2.0 0
0.00 85. 1006. 10 ADJ-A1 NoSubs
16 11 26 331 14 20.2 0.144 0.812 0.006 953. 131. -13.3 0.0230 0.83 0.21 1.84 185.0 10.0 284.9 2.0 0
0.00 85. 1006. 10 ADJ-A1 NoSubs
16 11 26 331 15 53.5 0.282 1.156 0.006 1036. 360. -37.6 0.0230 0.83 0.24 3.90 188.0 10.0 284.2 2.0
11 1.00 86. 1007. 7 ADJ-A1 NoSubs
16 11 26 331 16 0.9 0.167 0.298 0.006 1037. 171. -461.8 0.0380 0.83 0.33 2.30 221.0 10.0 284.9 2.0
11 0.50 96. 1006. 10 ADJ-A1 NoSubs
16 11 26 331 17 -33.5 0.361 -9.000 -9.000 -999. 521. 143.5 0.0230 0.83 0.60 5.70 191.0 10.0 284.2 2.0
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16 11 26 331 19 -4.4 0.087 -9.000 -9.000 -999. 107. 13.5 0.0380 0.83 1.00 1.35 217.0 10.0 282.5 2.0 0
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16 11 26 331 20 -2.8 0.071 -9.000 -9.000 -999. 46. 11.4 0.0290 0.83 1.00 1.09 251.0 10.0 282.5 2.0 0
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16 11 26 331 21 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0380 0.83 1.00 1.04 344.0 10.0 282.5 2.0 11
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16 11 26 331 22 -3.8 0.081 -9.000 -9.000 -999. 55. 12.5 0.0330 0.83 1.00 1.28 318.0 10.0 282.5 2.0 11
2.00 100. 1009. 10 ADJ-A1 NoSubs
16 11 26 331 23 -3.8 0.080 -9.000 -9.000 -999. 55. 12.4 0.0310 0.83 1.00 1.28 1.0 10.0 283.1 2.0 11
0.30 100. 1009. 10 ADJ-A1 NoSubs
16 11 26 331 24 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.83 1.00 0.92 335.0 10.0 283.1 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
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1.00 100. 1008. 10 ADJ-A1 NoSubs
16 11 27 332 2 -25.0 0.252 -9.000 -9.000 -999. 304. 70.0 0.0380 0.83 1.00 3.71 221.0 10.0 284.2 2.0 11
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16 11 27 332 3 -29.6 0.298 -9.000 -9.000 -999. 391. 98.0 0.0380 0.83 1.00 4.36 223.0 10.0 284.9 2.0 11
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16 11 27 332 4 -26.0 0.262 -9.000 -9.000 -999. 322. 75.3 0.0290 0.83 1.00 4.03 254.0 10.0 284.2 2.0 11
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16 11 27 332 5 -18.8 0.188 -9.000 -9.000 -999. 198. 39.1 0.0380 0.83 1.00 2.81 238.0 10.0 283.1 2.0 11
0.50 100. 1009. 7 ADJ-A1 NoSubs
16 11 27 332 6 -13.7 0.154 -9.000 -9.000 -999. 145. 26.1 0.0290 0.83 1.00 2.44 250.0 10.0 283.1 2.0 11
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16 11 27 332 8 -7.0 0.113 -9.000 -9.000 -999. 91. 18.4 0.0290 0.83 0.54 1.82 253.0 10.0 282.5 2.0 0

0.00 100. 1012. 10 ADJ-A1 NoSubs
16 11 27 332 9 20.6 0.141 0.500 0.005 219. 126. -12.2 0.0290 0.83 0.31 1.70 267.0 10.0 284.9 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
16 11 27 332 10 64.0 0.188 1.062 0.005 676. 195. -9.4 0.0290 0.83 0.23 2.21 247.0 10.0 285.9 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
16 11 27 332 11 99.5 0.248 1.392 0.005 981. 296. -13.8 0.0290 0.83 0.21 3.03 263.0 10.0 287.0 2.0 0
0.00 71. 1014. 3 ADJ-A1 NoSubs
16 11 27 332 12 109.7 0.269 1.513 0.005 1143. 335. -16.0 0.0260 0.83 0.20 3.41 285.0 10.0 288.1 2.0
0 0.00 54. 1013. 0 ADJ-A1 NoSubs
16 11 27 332 13 108.6 0.341 1.547 0.005 1233. 478. -33.0 0.0290 0.83 0.20 4.48 267.0 10.0 288.1 2.0
0 0.00 48. 1013. 0 ADJ-A1 NoSubs
16 11 27 332 14 96.7 0.244 1.518 0.005 1308. 294. -13.6 0.0260 0.83 0.21 3.05 280.0 10.0 288.8 2.0 0
0.00 48. 1013. 3 ADJ-A1 NoSubs
16 11 27 332 15 59.4 0.237 1.304 0.005 1352. 277. -20.3 0.0260 0.83 0.24 3.07 295.0 10.0 288.8 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
16 11 27 332 16 14.5 0.215 0.817 0.005 1361. 239. -61.6 0.0260 0.83 0.33 2.98 275.0 10.0 287.5 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
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16 11 27 332 19 -12.4 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.83 1.00 2.28 308.0 10.0 282.5 2.0 0
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16 11 27 332 20 -11.1 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.16 319.0 10.0 281.4 2.0 0
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16 11 27 332 24 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0380 0.83 1.00 1.04 359.0 10.0 282.5 2.0 0
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16 11 28 333 1 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0380 0.83 1.00 1.35 331.0 10.0 282.5 2.0 0
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16 11 28 333 2 -8.1 0.118 -9.000 -9.000 -999. 97. 18.4 0.0380 0.83 1.00 1.82 346.0 10.0 283.1 2.0 0
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16 11 28 333 3 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0330 0.83 1.00 1.33 329.0 10.0 282.5 2.0 0
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16 11 28 333 4 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0330 0.83 1.00 1.60 322.0 10.0 282.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 11 28 333 5 -3.6 0.079 -9.000 -9.000 -999. 53. 12.4 0.0380 0.83 1.00 1.20 351.0 10.0 282.0 2.0 11
0.30 100. 1011. 10 ADJ-A1 NoSubs
16 11 28 333 6 -3.7 0.080 -9.000 -9.000 -999. 55. 12.6 0.0380 0.83 1.00 1.23 356.0 10.0 282.0 2.0 11
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16 11 28 333 7 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0380 0.83 1.00 1.37 337.0 10.0 282.0 2.0 11
0.50 100. 1011. 10 ADJ-A1 NoSubs
16 11 28 333 8 -5.2 0.097 -9.000 -9.000 -999. 73. 15.8 0.0330 0.83 0.55 1.55 306.0 10.0 282.5 2.0 11
0.50 100. 1012. 10 ADJ-A1 NoSubs
16 11 28 333 9 1.8 0.086 0.229 0.009 237. 61. -31.6 0.0230 0.83 0.32 1.18 202.0 10.0 283.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
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16 11 28 333 11 20.6 0.152 0.600 0.011 378. 142. -15.4 0.0370 0.83 0.21 1.79 157.0 10.0 284.9 2.0 0

0.00 96. 1012. 10 ADJ-A1 NoSubs
16 11 28 333 12 24.8 0.141 0.679 0.012 456. 127. -10.2 0.0340 0.83 0.20 1.62 128.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
16 11 28 333 13 91.6 0.141 1.095 0.012 516. 127. -2.8 0.0330 0.83 0.20 1.38 58.0 10.0 287.0 2.0 0
0.00 77. 1010. 7 ADJ-A1 NoSubs
16 11 28 333 14 78.8 0.164 1.070 0.011 560. 159. -5.0 0.0260 0.83 0.21 1.84 292.0 10.0 288.1 2.0 0
0.00 63. 1010. 7 ADJ-A1 NoSubs
16 11 28 333 15 64.2 0.275 1.019 0.011 594. 346. -29.1 0.0330 0.83 0.24 3.49 323.0 10.0 288.8 2.0 0
0.00 55. 1010. 3 ADJ-A1 NoSubs
16 11 28 333 16 14.1 0.244 0.617 0.011 600. 289. -92.5 0.0330 0.83 0.33 3.30 316.0 10.0 287.5 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
16 11 28 333 17 -15.9 0.177 -9.000 -9.000 -999. 180. 34.5 0.0330 0.83 0.61 2.71 328.0 10.0 286.4 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
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16 11 28 333 19 -4.7 0.089 -9.000 -9.000 -999. 66. 13.6 0.0330 0.83 1.00 1.42 303.0 10.0 283.1 2.0 0
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16 11 28 333 20 -5.2 0.094 -9.000 -9.000 -999. 69. 14.1 0.0300 0.83 1.00 1.52 98.0 10.0 282.0 2.0 0
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16 11 28 333 22 -5.5 0.097 -9.000 -9.000 -999. 73. 14.9 0.0370 0.83 1.00 1.52 159.0 10.0 282.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
16 11 28 333 23 -9.4 0.127 -9.000 -9.000 -999. 109. 19.8 0.0370 0.83 1.00 1.96 178.0 10.0 281.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
16 11 28 333 24 -20.8 0.207 -9.000 -9.000 -999. 225. 46.9 0.0370 0.83 1.00 3.08 172.0 10.0 280.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
16 11 29 334 1 -17.9 0.178 -9.000 -9.000 -999. 181. 35.0 0.0340 0.83 1.00 2.72 137.0 10.0 281.4 2.0 0
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16 11 29 334 2 -5.6 0.097 -9.000 -9.000 -999. 75. 14.7 0.0330 0.83 1.00 1.55 36.0 10.0 280.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
16 11 29 334 3 -5.0 0.091 -9.000 -9.000 -999. 66. 13.7 0.0300 0.83 1.00 1.48 99.0 10.0 279.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
16 11 29 334 4 -5.5 0.096 -9.000 -9.000 -999. 71. 14.5 0.0330 0.83 1.00 1.53 309.0 10.0 278.8 2.0 0
0.00 95. 1012. 0 ADJ-A1 NoSubs
16 11 29 334 5 -8.8 0.122 -9.000 -9.000 -999. 103. 18.7 0.0330 0.83 1.00 1.93 327.0 10.0 277.5 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
16 11 29 334 6 -11.2 0.138 -9.000 -9.000 -999. 123. 21.3 0.0330 0.83 1.00 2.16 318.0 10.0 277.5 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 11 29 334 7 -5.6 0.096 -9.000 -9.000 -999. 72. 14.5 0.0330 0.83 1.00 1.54 327.0 10.0 277.0 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
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0.00 92. 1014. 0 ADJ-A1 NoSubs
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0.00 88. 1014. 0 ADJ-A1 NoSubs
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0.00 76. 1015. 0 ADJ-A1 NoSubs
16 11 29 334 11 92.3 0.123 1.039 0.008 439. 103. -1.8 0.0340 0.83 0.21 1.11 132.0 10.0 285.9 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
16 11 29 334 12 107.6 0.153 1.161 0.007 526. 143. -3.0 0.0340 0.83 0.20 1.50 148.0 10.0 287.0 2.0 0
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16 11 29 334 13 106.8 0.177 1.246 0.006 655. 178. -4.7 0.0370 0.83 0.20 1.81 166.0 10.0 287.5 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
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0.00 57. 1013. 0 ADJ-A1 NoSubs
16 11 29 334 15 57.9 0.260 1.048 0.005 719. 318. -27.5 0.0380 0.83 0.24 3.20 214.0 10.0 287.5 2.0 0
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16 11 29 334 16 13.3 0.180 0.644 0.005 723. 185. -39.5 0.0380 0.83 0.33 2.27 219.0 10.0 286.4 2.0 0
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16 11 29 334 17 -5.6 0.099 -9.000 -9.000 -999. 77. 15.6 0.0260 0.83 0.61 1.64 273.0 10.0 285.9 2.0 0
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16 11 30 335 2 -3.8 0.080 -9.000 -9.000 -999. 54. 12.0 0.0260 0.83 1.00 1.31 278.0 10.0 276.4 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 11 30 335 3 -9.9 0.130 -9.000 -9.000 -999. 112. 19.9 0.0330 0.83 1.00 2.04 319.0 10.0 277.5 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
16 11 30 335 4 -5.9 0.098 -9.000 -9.000 -999. 74. 14.6 0.0260 0.83 1.00 1.64 292.0 10.0 277.0 2.0 0
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0.00 96. 1016. 5 ADJ-A1 NoSubs
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0.00 88. 1016. 10 ADJ-A1 NoSubs
16 11 30 335 10 11.7 0.113 0.279 0.011 67. 91. -11.0 0.0290 0.83 0.24 1.35 62.0 10.0 281.4 2.0 0
0.00 82. 1016. 10 ADJ-A1 NoSubs
16 11 30 335 11 90.9 0.111 0.869 0.010 261. 89. -1.4 0.0330 0.83 0.21 0.97 32.0 10.0 284.2 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
16 11 30 335 12 106.5 0.131 1.104 0.009 457. 113. -1.9 0.0300 0.83 0.20 1.23 101.0 10.0 285.9 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
16 11 30 335 13 24.5 0.145 0.684 0.008 472. 132. -11.2 0.0370 0.83 0.20 1.65 157.0 10.0 287.5 2.0 0
0.00 59. 1013. 10 ADJ-A1 NoSubs
16 11 30 335 14 94.2 0.243 1.108 0.008 522. 288. -13.8 0.0230 0.83 0.21 3.12 198.0 10.0 287.0 2.0 0
0.00 59. 1013. 3 ADJ-A1 NoSubs
16 11 30 335 15 11.8 0.213 0.557 0.008 527. 237. -74.4 0.0380 0.83 0.24 2.79 232.0 10.0 285.9 2.0 0
0.00 73. 1013. 10 ADJ-A1 NoSubs
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0.00 89. 1012. 10 ADJ-A1 NoSubs
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16 11 30 335 19 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.83 1.00 1.13 237.0 10.0 283.8 2.0 0
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16 11 30 335 20 -7.3 0.110 -9.000 -9.000 -999. 87. 16.5 0.0260 0.83 1.00 1.82 288.0 10.0 282.0 2.0 0
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16 11 30 335 21 -8.9 0.123 -9.000 -9.000 -999. 104. 19.0 0.0330 0.83 1.00 1.94 328.0 10.0 282.0 2.0 0
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16 11 30 335 24 -5.2 0.094 -9.000 -9.000 -999. 70. 14.5 0.0380 0.83 1.00 1.47 334.0 10.0 281.4 2.0 0
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16 12 1 336 1 -7.2 0.109 -9.000 -9.000 -999. 86. 16.2 0.0230 0.83 1.00 1.84 313.0 10.0 281.4 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
16 12 1 336 2 -7.6 0.112 -9.000 -9.000 -999. 90. 16.7 0.0230 0.83 1.00 1.89 301.0 10.0 281.4 2.0 0
0.00 100. 1013. 7 ADJ-A1 NoSubs
16 12 1 336 3 -9.8 0.128 -9.000 -9.000 -999. 109. 19.2 0.0230 0.83 1.00 2.13 307.0 10.0 280.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
16 12 1 336 4 -6.0 0.098 -9.000 -9.000 -999. 74. 14.3 0.0180 0.83 1.00 1.74 295.0 10.0 280.4 2.0 0
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0.00 59. 1012. 0 ADJ-A1 NoSubs
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16 12 2 337 8 -7.2 0.114 -9.000 -9.000 -999. 92. 18.7 0.0310 0.83 0.58 1.82 156.0 10.0 281.4 2.0 0
0.00 49. 1016. 0 ADJ-A1 NoSubs
16 12 2 337 9 15.9 0.179 0.434 0.005 185. 182. -32.9 0.0230 0.83 0.33 2.46 24.0 10.0 285.4 2.0 0
0.00 32. 1017. 0 ADJ-A1 NoSubs
16 12 2 337 10 59.4 0.313 0.886 0.009 424. 420. -46.7 0.0270 0.83 0.24 4.25 352.0 10.0 287.0 2.0 0
0.00 30. 1017. 0 ADJ-A1 NoSubs
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16 12 2 337 13 105.3 0.350 1.313 0.010 780. 497. -36.8 0.0270 0.83 0.20 4.69 354.0 10.0 289.2 2.0 0
0.00 24. 1016. 0 ADJ-A1 Sub_CC
16 12 2 337 14 88.9 0.304 1.257 0.009 810. 402. -28.5 0.0270 0.83 0.21 4.00 352.0 10.0 289.9 2.0 0
0.00 23. 1016. 0 ADJ-A1 NoSubs
16 12 2 337 15 57.2 0.239 1.093 0.009 827. 281. -21.5 0.0270 0.83 0.24 3.08 338.0 10.0 289.9 2.0 0
0.00 23. 1015. 0 ADJ-A1 NoSubs
16 12 2 337 16 13.1 0.253 0.670 0.009 830. 305. -112.2 0.0270 0.83 0.34 3.58 330.0 10.0 288.8 2.0 0
0.00 23. 1016. 0 ADJ-A1 NoSubs
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16 12 2 337 18 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.59 312.0 10.0 285.4 2.0 0
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16 12 2 337 19 -5.0 0.090 -9.000 -9.000 -999. 65. 13.1 0.0180 0.83 1.00 1.59 282.0 10.0 282.5 2.0 0
0.00 49. 1016. 0 ADJ-A1 NoSubs
16 12 2 337 20 -11.3 0.138 -9.000 -9.000 -999. 123. 21.1 0.0270 0.83 1.00 2.23 330.0 10.0 280.9 2.0 0
0.00 55. 1017. 0 ADJ-A1 NoSubs
16 12 2 337 21 -9.6 0.126 -9.000 -9.000 -999. 108. 18.9 0.0230 0.83 1.00 2.11 303.0 10.0 279.9 2.0 0
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0.00 62. 1017. 0 ADJ-A1 NoSubs
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0.00 73. 1018. 0 ADJ-A1 NoSubs
16 12 3 338 1 -8.9 0.121 -9.000 -9.000 -999. 101. 18.0 0.0230 0.83 1.00 2.03 319.0 10.0 278.1 2.0 0
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16 12 3 338 3 -4.5 0.086 -9.000 -9.000 -999. 60. 12.6 0.0230 0.83 1.00 1.45 314.0 10.0 277.0 2.0 0
0.00 78. 1018. 0 ADJ-A1 NoSubs
16 12 3 338 4 -2.6 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.83 1.00 1.06 316.0 10.0 277.0 2.0 0
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16 12 3 338 5 -9.1 0.122 -9.000 -9.000 -999. 103. 18.2 0.0230 0.83 1.00 2.05 313.0 10.0 277.0 2.0 0
0.00 75. 1018. 0 ADJ-A1 NoSubs
16 12 3 338 6 -4.1 0.082 -9.000 -9.000 -999. 57. 12.3 0.0270 0.83 1.00 1.35 330.0 10.0 276.4 2.0 0
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16 12 3 338 8 -2.9 0.071 -9.000 -9.000 -999. 45. 11.1 0.0180 0.83 0.58 1.23 276.0 10.0 278.1 2.0 0
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16 12 3 338 9 13.9 0.089 0.275 0.013 54. 64. -4.6 0.0280 0.83 0.33 0.97 120.0 10.0 280.4 2.0 0
0.00 65. 1019. 0 ADJ-A1 NoSubs
16 12 3 338 10 57.5 0.102 0.635 0.011 162. 79. -1.7 0.0310 0.83 0.24 0.94 152.0 10.0 283.1 2.0 0
0.00 56. 1019. 0 ADJ-A1 NoSubs
16 12 3 338 11 88.8 0.123 0.870 0.011 269. 104. -1.9 0.0280 0.83 0.21 1.18 131.0 10.0 285.9 2.0 0
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16 12 3 338 12 104.8 0.143 1.046 0.012 396. 129. -2.5 0.0280 0.83 0.20 1.43 126.0 10.0 288.1 2.0 0
0.00 40. 1018. 0 ADJ-A1 NoSubs
16 12 3 338 13 104.9 0.153 1.140 0.011 512. 144. -3.1 0.0280 0.83 0.20 1.59 142.0 10.0 289.9 2.0 0
0.00 39. 1017. 0 ADJ-A1 NoSubs
16 12 3 338 14 88.0 0.212 1.127 0.011 590. 234. -9.8 0.0210 0.83 0.21 2.67 211.0 10.0 288.8 2.0 0
0.00 41. 1016. 0 ADJ-A1 NoSubs
16 12 3 338 15 56.4 0.150 0.996 0.010 635. 141. -5.4 0.0170 0.83 0.24 1.86 197.0 10.0 288.8 2.0 0
0.00 43. 1016. 0 ADJ-A1 NoSubs
16 12 3 338 16 12.4 0.162 0.604 0.010 643. 157. -31.2 0.0310 0.83 0.34 2.10 176.0 10.0 287.5 2.0 0
0.00 52. 1016. 0 ADJ-A1 NoSubs
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16 12 3 338 18 -3.2 0.073 -9.000 -9.000 -999. 47. 10.9 0.0180 0.83 1.00 1.25 274.0 10.0 284.2 2.0 0
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16 12 3 338 19 -4.3 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.83 1.00 1.43 323.0 10.0 282.0 2.0 0
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16 12 3 338 21 -16.8 0.169 -9.000 -9.000 -999. 166. 31.3 0.0230 0.83 1.00 2.76 307.0 10.0 281.4 2.0 0
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16 12 3 338 22 -10.6 0.133 -9.000 -9.000 -999. 116. 20.0 0.0230 0.83 1.00 2.21 321.0 10.0 280.4 2.0 0
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16 12 3 338 23 -10.1 0.130 -9.000 -9.000 -999. 112. 19.5 0.0230 0.83 1.00 2.16 312.0 10.0 280.4 2.0 0
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16 12 4 339 1 -9.0 0.122 -9.000 -9.000 -999. 102. 18.2 0.0230 0.83 1.00 2.04 323.0 10.0 279.2 2.0 0
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16 12 4 339 4 -2.6 0.067 -9.000 -9.000 -999. 42. 10.7 0.0210 0.83 1.00 1.06 216.0 10.0 277.5 2.0 0
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16 12 4 339 7 -3.7 0.078 -9.000 -9.000 -999. 53. 11.7 0.0230 0.83 1.00 1.31 315.0 10.0 276.4 2.0 0
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16 12 4 339 8 -3.2 0.075 -9.000 -9.000 -999. 49. 11.8 0.0230 0.83 0.59 1.26 320.0 10.0 278.8 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
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16 12 4 339 12 103.9 0.123 0.973 0.012 321. 104. -1.6 0.0200 0.83 0.20 1.25 86.0 10.0 287.5 2.0 0
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16 12 4 339 14 87.5 0.160 1.061 0.012 494. 154. -4.3 0.0170 0.83 0.21 1.93 192.0 10.0 288.8 2.0 0
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16 12 4 339 15 55.9 0.159 0.923 0.011 509. 152. -6.5 0.0170 0.83 0.25 2.01 182.0 10.0 288.1 2.0 0
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16 12 4 339 18 -2.3 0.066 -9.000 -9.000 -999. 43. 11.3 0.0280 0.83 1.00 0.96 127.0 10.0 284.2 2.0 0
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16 12 4 339 19 -6.3 0.102 -9.000 -9.000 -999. 79. 15.4 0.0270 0.83 1.00 1.69 336.0 10.0 283.1 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
16 12 4 339 20 -8.7 0.120 -9.000 -9.000 -999. 100. 18.0 0.0230 0.83 1.00 2.01 316.0 10.0 282.0 2.0 0
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16 12 4 339 21 -11.5 0.139 -9.000 -9.000 -999. 124. 21.2 0.0230 0.83 1.00 2.30 319.0 10.0 281.4 2.0 0
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16 12 5 340 2 -11.3 0.137 -9.000 -9.000 -999. 122. 20.7 0.0230 0.83 1.00 2.28 310.0 10.0 279.2 2.0 0
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16 12 5 340 4 -7.4 0.111 -9.000 -9.000 -999. 88. 16.6 0.0270 0.83 1.00 1.82 337.0 10.0 278.8 2.0 0
0.00 100. 1013. 7 ADJ-A1 NoSubs
16 12 5 340 5 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.76 313.0 10.0 279.2 2.0 0

0.00 100. 1013. 3 ADJ-A1 NoSubs
16 12 5 340 6 -5.9 0.099 -9.000 -9.000 -999. 75. 14.8 0.0270 0.83 1.00 1.64 337.0 10.0 279.9 2.0 0
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16 12 5 340 7 -2.2 0.064 -9.000 -9.000 -999. 39. 10.5 0.0180 0.83 1.00 0.99 291.0 10.0 278.1 2.0 0
0.00 100. 1013. 5 ADJ-A1 NoSubs
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0.00 100. 1014. 10 ADJ-A1 NoSubs
16 12 5 340 9 12.3 0.134 0.390 0.006 174. 117. -17.5 0.0310 0.83 0.33 1.65 168.0 10.0 280.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
16 12 5 340 10 60.5 0.136 0.828 0.010 340. 121. -3.8 0.0280 0.83 0.24 1.45 147.0 10.0 283.8 2.0 0
0.00 100. 1014. 5 ADJ-A1 NoSubs
16 12 5 340 11 87.0 0.160 1.056 0.009 489. 154. -4.3 0.0170 0.83 0.21 1.93 181.0 10.0 285.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
16 12 5 340 12 88.1 0.190 1.138 0.009 604. 199. -7.1 0.0170 0.83 0.20 2.42 183.0 10.0 286.4 2.0 0
0.00 80. 1013. 7 ADJ-A1 NoSubs
16 12 5 340 13 23.5 0.196 0.744 0.009 632. 208. -28.9 0.0310 0.83 0.20 2.52 168.0 10.0 287.0 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
16 12 5 340 14 86.5 0.193 1.174 0.008 675. 203. -7.5 0.0170 0.83 0.21 2.47 183.0 10.0 287.0 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
16 12 5 340 15 55.0 0.202 1.018 0.008 692. 217. -13.4 0.0170 0.83 0.25 2.73 204.0 10.0 286.4 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
16 12 5 340 16 11.5 0.196 0.606 0.008 695. 209. -59.5 0.0210 0.83 0.34 2.83 232.0 10.0 285.9 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
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0.00 96. 1012. 7 ADJ-A1 NoSubs
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0.00 95. 1013. 3 ADJ-SFC NoSubs
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0.00 76. 1014. 0 ADJ-SFC NoSubs
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0 0.00 71. 1013. 0 ADJ-SFC NoSubs
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0.00 63. 1013. 0 ADJ-SFC NoSubs
16 12 6 341 14 85.8 0.274 1.247 0.013 816. 345. -21.7 0.0170 0.83 0.21 3.86 184.0 10.0 285.9 2.0 0
0.00 58. 1012. 0 ADJ-SFC NoSubs
16 12 6 341 15 54.4 0.261 1.079 0.012 834. 320. -29.5 0.0310 0.83 0.25 3.36 174.0 10.0 285.4 2.0 0
0.00 61. 1012. 0 ADJ-SFC NoSubs
16 12 6 341 16 11.0 0.127 0.635 0.012 837. 121. -16.9 0.0170 0.83 0.34 1.76 182.0 10.0 284.9 2.0 0
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0.00 100. 1015. 0 ADJ-A1 NoSubs
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0.00 92. 1016. 7 ADJ-A1 NoSubs
16 12 7 342 9 15.7 0.188 0.300 0.006 62. 195. -38.0 0.0200 0.83 0.34 2.66 70.0 10.0 278.8 2.0 0
0.00 91. 1016. 7 ADJ-A1 NoSubs
16 12 7 342 10 9.9 0.149 0.275 0.006 76. 138. -30.0 0.0240 0.83 0.25 2.01 55.0 10.0 279.9 2.0 0
0.00 85. 1017. 10 ADJ-A1 NoSubs
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0.00 76. 1016. 0 ADJ-A1 NoSubs
16 12 7 342 12 100.8 0.180 1.108 0.005 489. 183. -5.2 0.0240 0.83 0.20 2.06 41.0 10.0 283.1 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
16 12 7 342 13 86.6 0.169 1.119 0.005 586. 167. -5.1 0.0240 0.83 0.20 1.94 44.0 10.0 284.9 2.0 0
0.00 58. 1015. 7 ADJ-A1 NoSubs
16 12 7 342 14 87.7 0.230 1.174 0.005 669. 266. -12.6 0.0200 0.83 0.21 3.01 82.0 10.0 284.9 2.0 0
0.00 58. 1015. 5 ADJ-A1 NoSubs
16 12 7 342 15 10.9 0.165 0.589 0.005 679. 163. -37.7 0.0240 0.83 0.25 2.27 51.0 10.0 284.9 2.0 0
0.00 54. 1015. 10 ADJ-A1 NoSubs
16 12 7 342 16 0.1 0.101 0.121 0.005 679. 79. -1018.2 0.0200 0.83 0.34 1.57 71.0 10.0 284.9 2.0 11
0.30 60. 1015. 10 ADJ-A1 NoSubs
16 12 7 342 17 -6.3 0.103 -9.000 -9.000 -999. 79. 15.7 0.0230 0.83 0.62 1.74 110.0 10.0 283.8 2.0 0
0.00 73. 1014. 10 ADJ-A1 NoSubs
16 12 7 342 18 -11.3 0.137 -9.000 -9.000 -999. 122. 20.8 0.0200 0.83 1.00 2.33 63.0 10.0 283.1 2.0 0
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0.00 76. 1015. 10 ADJ-A1 NoSubs
16 12 7 342 20 -5.6 0.096 -9.000 -9.000 -999. 71. 14.3 0.0240 0.83 1.00 1.62 31.0 10.0 283.1 2.0 0
0.00 76. 1014. 10 ADJ-A1 NoSubs
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0.50 89. 1014. 10 ADJ-A1 NoSubs
16 12 7 342 23 -6.8 0.106 -9.000 -9.000 -999. 83. 15.7 0.0230 0.83 1.00 1.79 321.0 10.0 282.0 2.0 11
0.30 92. 1014. 10 ADJ-A1 NoSubs
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1.30 100. 1014. 10 ADJ-A1 NoSubs
16 12 8 343 1 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.83 1.00 0.99 323.0 10.0 281.4 2.0 11
0.30 100. 1014. 10 ADJ-A1 NoSubs
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0.50 100. 1014. 10 ADJ-A1 NoSubs
16 12 8 343 3 -3.8 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.83 1.00 1.33 8.0 10.0 282.0 2.0 11
1.30 100. 1013. 10 ADJ-A1 NoSubs
16 12 8 343 4 -3.0 0.072 -9.000 -9.000 -999. 46. 11.2 0.0240 0.83 1.00 1.16 31.0 10.0 282.0 2.0 11
1.50 100. 1013. 10 ADJ-A1 NoSubs
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1.80 100. 1013. 10 ADJ-A1 NoSubs
16 12 8 343 6 -5.3 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.83 1.00 1.59 102.0 10.0 282.0 2.0 11
1.80 100. 1013. 10 ADJ-A1 NoSubs
16 12 8 343 7 -2.3 0.064 -9.000 -9.000 -999. 39. 10.7 0.0200 0.83 1.00 0.99 67.0 10.0 282.5 2.0 11
2.50 100. 1014. 10 ADJ-A1 NoSubs
16 12 8 343 8 -2.2 0.064 -9.000 -9.000 -999. 39. 10.7 0.0200 0.83 0.62 1.01 84.0 10.0 283.1 2.0 11
2.50 100. 1014. 10 ADJ-A1 NoSubs
16 12 8 343 9 -0.2 0.047 -9.000 -9.000 -999. 24. 51.0 0.0200 0.83 0.34 0.77 82.0 10.0 283.1 2.0 11
1.80 100. 1015. 10 ADJ-A1 NoSubs
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1.30 100. 1016. 10 ADJ-A1 NoSubs
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1.30 100. 1015. 10 ADJ-A1 NoSubs
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0.50 100. 1015. 10 ADJ-A1 NoSubs
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1.50 100. 1015. 10 ADJ-A1 NoSubs
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0.50 100. 1015. 10 ADJ-A1 NoSubs
16 12 8 343 16 0.7 0.092 0.180 0.009 300. 67. -101.0 0.0270 0.83 0.34 1.30 357.0 10.0 287.0 2.0 11
0.50 100. 1015. 10 ADJ-A1 NoSubs
16 12 8 343 17 -6.2 0.102 -9.000 -9.000 -999. 78. 15.6 0.0200 0.83 0.62 1.77 76.0 10.0 286.4 2.0 11
1.30 100. 1016. 10 ADJ-A1 NoSubs
16 12 8 343 18 -3.6 0.078 -9.000 -9.000 -999. 52. 11.9 0.0240 0.83 1.00 1.30 43.0 10.0 286.4 2.0 11
1.00 100. 1016. 10 ADJ-A1 Sub_CC
16 12 8 343 19 -1.9 0.062 -9.000 -9.000 -999. 37. 11.3 0.0240 0.83 1.00 0.87 55.0 10.0 286.4 2.0 11
1.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 8 343 20 -2.7 0.069 -9.000 -9.000 -999. 43. 11.0 0.0240 0.83 1.00 1.09 42.0 10.0 286.4 2.0 11
1.30 100. 1016. 10 ADJ-A1 NoSubs
16 12 8 343 21 -3.6 0.078 -9.000 -9.000 -999. 52. 12.0 0.0280 0.83 1.00 1.26 148.0 10.0 287.0 2.0 11
2.30 100. 1017. 10 ADJ-A1 NoSubs
16 12 8 343 22 -9.8 0.127 -9.000 -9.000 -999. 108. 18.9 0.0170 0.83 1.00 2.22 209.0 10.0 287.0 2.0 11
2.00 100. 1017. 10 ADJ-A1 NoSubs
16 12 8 343 23 -3.8 0.079 -9.000 -9.000 -999. 54. 11.8 0.0210 0.83 1.00 1.35 211.0 10.0 287.0 2.0 11
0.30 100. 1018. 10 ADJ-A1 NoSubs
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0.30 100. 1018. 10 ADJ-A1 NoSubs
16 12 9 344 1 -4.6 0.088 -9.000 -9.000 -999. 62. 13.3 0.0270 0.83 1.00 1.45 351.0 10.0 286.4 2.0 0
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16 12 9 344 2 -6.1 0.101 -9.000 -9.000 -999. 77. 15.3 0.0270 0.83 1.00 1.67 347.0 10.0 286.4 2.0 0
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16 12 9 344 3 -4.7 0.088 -9.000 -9.000 -999. 63. 13.2 0.0230 0.83 1.00 1.50 321.0 10.0 286.4 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
16 12 9 344 4 -4.6 0.087 -9.000 -9.000 -999. 61. 12.9 0.0230 0.83 1.00 1.47 308.0 10.0 285.9 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
16 12 9 344 5 -3.1 0.073 -9.000 -9.000 -999. 47. 11.5 0.0270 0.83 1.00 1.16 349.0 10.0 285.9 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
16 12 9 344 6 -2.1 0.064 -9.000 -9.000 -999. 38. 11.4 0.0270 0.83 1.00 0.89 337.0 10.0 285.9 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
16 12 9 344 7 -2.1 0.063 -9.000 -9.000 -999. 38. 11.1 0.0240 0.83 1.00 0.91 36.0 10.0 285.9 2.0 11
0.80 100. 1018. 10 ADJ-A1 NoSubs
16 12 9 344 8 -2.4 0.066 -9.000 -9.000 -999. 41. 11.2 0.0270 0.83 0.62 1.01 335.0 10.0 286.4 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
16 12 9 344 9 16.3 0.121 0.395 0.005 136. 101. -9.8 0.0270 0.83 0.34 1.45 345.0 10.0 286.4 2.0 0
0.00 100. 1019. 7 ADJ-A1 NoSubs
16 12 9 344 10 58.9 0.107 0.785 0.005 298. 84. -1.9 0.0270 0.83 0.25 1.03 337.0 10.0 288.1 2.0 0
0.00 100. 1020. 5 ADJ-A1 NoSubs
16 12 9 344 11 19.6 0.089 0.589 0.005 380. 64. -3.3 0.0310 0.83 0.21 0.91 178.0 10.0 288.8 2.0 0
0.00 92. 1020. 10 ADJ-A1 NoSubs
16 12 9 344 12 24.0 0.100 0.673 0.005 461. 76. -3.8 0.0280 0.83 0.20 1.06 130.0 10.0 289.9 2.0 0
0.00 89. 1018. 10 ADJ-A1 NoSubs
16 12 9 344 13 24.2 0.111 0.707 0.005 531. 89. -5.1 0.0310 0.83 0.20 1.20 157.0 10.0 290.4 2.0 0
0.00 86. 1017. 10 ADJ-A1 NoSubs
16 12 9 344 14 75.4 0.203 1.135 0.005 703. 220. -10.1 0.0210 0.83 0.21 2.57 213.0 10.0 290.4 2.0 0
0.00 83. 1017. 7 ADJ-A1 NoSubs
16 12 9 344 15 60.4 0.255 1.106 0.005 813. 309. -24.9 0.0210 0.83 0.25 3.49 229.0 10.0 289.2 2.0 0
0.00 89. 1017. 3 ADJ-A1 NoSubs
16 12 9 344 16 1.0 0.137 0.285 0.005 813. 129. -223.4 0.0180 0.83 0.34 2.11 252.0 10.0 288.1 2.0 0
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16 12 9 344 17 -1.6 0.058 -9.000 -9.000 -999. 37. 10.9 0.0170 0.83 0.62 0.82 196.0 10.0 288.1 2.0 0

0.00 96. 1016. 10 ADJ-A1 NoSubs
16 12 9 344 18 -3.1 0.072 -9.000 -9.000 -999. 47. 11.1 0.0210 0.83 1.00 1.21 215.0 10.0 287.5 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 9 344 19 -2.4 0.065 -9.000 -9.000 -999. 40. 10.5 0.0180 0.83 1.00 1.06 257.0 10.0 287.5 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 9 344 20 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.83 1.00 1.14 292.0 10.0 287.5 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 9 344 21 -3.1 0.073 -9.000 -9.000 -999. 47. 11.3 0.0230 0.83 1.00 1.20 303.0 10.0 287.5 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 9 344 22 -4.0 0.082 -9.000 -9.000 -999. 56. 12.5 0.0270 0.83 1.00 1.35 341.0 10.0 287.5 2.0 11
0.50 100. 1016. 10 ADJ-A1 NoSubs
16 12 9 344 23 -2.8 0.071 -9.000 -9.000 -999. 45. 11.3 0.0270 0.83 1.00 1.11 347.0 10.0 287.5 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 9 344 24 -2.6 0.068 -9.000 -9.000 -999. 43. 11.2 0.0270 0.83 1.00 1.04 344.0 10.0 287.5 2.0 11
0.30 100. 1016. 10 ADJ-A1 NoSubs
16 12 10 345 1 -1.9 0.061 -9.000 -9.000 -999. 36. 10.8 0.0180 0.83 1.00 0.89 243.0 10.0 287.0 2.0 11
0.50 100. 1016. 10 ADJ-A1 NoSubs
16 12 10 345 2 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.83 1.00 0.97 164.0 10.0 287.0 2.0 11
2.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 10 345 3 -2.1 0.063 -9.000 -9.000 -999. 38. 10.8 0.0200 0.83 1.00 0.94 70.0 10.0 287.0 2.0 11
2.80 100. 1016. 10 ADJ-A1 NoSubs
16 12 10 345 4 -12.1 0.145 -9.000 -9.000 -999. 133. 23.2 0.0310 0.83 1.00 2.28 157.0 10.0 287.5 2.0 11
1.00 100. 1015. 10 ADJ-A1 NoSubs
16 12 10 345 5 -31.1 0.314 -9.000 -9.000 -999. 423. 108.7 0.0170 0.83 1.00 5.24 195.0 10.0 287.5 2.0
11 2.80 100. 1015. 10 ADJ-A1 NoSubs
16 12 10 345 6 -31.6 0.320 -9.000 -9.000 -999. 434. 112.6 0.0170 0.83 1.00 5.33 197.0 10.0 287.5 2.0
11 0.30 100. 1015. 10 ADJ-A1 NoSubs
16 12 10 345 7 -27.1 0.274 -9.000 -9.000 -999. 346. 82.8 0.0170 0.83 1.00 4.60 193.0 10.0 287.5 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
16 12 10 345 8 -25.2 0.267 -9.000 -9.000 -999. 332. 78.5 0.0170 0.83 0.63 4.48 194.0 10.0 287.5 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
16 12 10 345 9 0.7 0.309 0.132 0.005 118. 412. -3770.1 0.0170 0.83 0.35 4.92 193.0 10.0 288.1 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
16 12 10 345 10 11.3 0.323 0.393 0.005 195. 440. -271.1 0.0170 0.83 0.25 5.05 185.0 10.0 287.5 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 10 345 11 19.2 0.391 0.512 0.005 253. 585. -280.6 0.0170 0.83 0.21 6.11 185.0 10.0 288.1 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 10 345 12 23.4 0.394 0.586 0.005 310. 593. -235.5 0.0170 0.83 0.20 6.14 188.0 10.0 288.8 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
16 12 10 345 13 23.3 0.413 0.613 0.005 357. 637. -273.5 0.0170 0.83 0.20 6.46 188.0 10.0 288.1 2.0
11 0.30 100. 1014. 10 ADJ-A1 NoSubs
16 12 10 345 14 19.2 0.407 0.593 0.005 392. 623. -317.3 0.0170 0.83 0.21 6.38 188.0 10.0 287.5 2.0
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16 12 10 345 15 11.5 0.442 0.508 0.005 411. 705. -677.6 0.0170 0.83 0.25 6.99 184.0 10.0 287.5 2.0
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16 12 10 345 16 0.8 0.417 0.212 0.005 413. 646. -7857.9 0.0170 0.83 0.34 6.64 192.0 10.0 287.5 2.0
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16 12 10 345 17 -32.0 0.344 -9.000 -9.000 -999. 487. 129.8 0.0170 0.83 0.62 5.70 206.0 10.0 287.5 2.0
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16 12 10 345 18 -30.7 0.312 -9.000 -9.000 -999. 419. 107.0 0.0210 0.83 1.00 5.03 213.0 10.0 287.5 2.0
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16 12 10 345 19 -8.2 0.116 -9.000 -9.000 -999. 139. 17.3 0.0180 0.83 1.00 2.03 266.0 10.0 287.5 2.0 11
0.50 100. 1013. 10 ADJ-A1 NoSubs
16 12 10 345 20 -3.8 0.079 -9.000 -9.000 -999. 54. 11.6 0.0180 0.83 1.00 1.38 245.0 10.0 287.0 2.0 11

0.50 100. 1014. 10 ADJ-A1 NoSubs
16 12 10 345 21 -4.6 0.087 -9.000 -9.000 -999. 62. 12.9 0.0210 0.83 1.00 1.50 236.0 10.0 287.0 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
16 12 10 345 22 -2.9 0.071 -9.000 -9.000 -999. 46. 11.1 0.0230 0.83 1.00 1.16 14.0 10.0 287.0 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
16 12 10 345 23 -1.9 0.063 -9.000 -9.000 -999. 38. 11.5 0.0270 0.83 1.00 0.86 348.0 10.0 287.0 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
16 12 10 345 24 -2.8 0.069 -9.000 -9.000 -999. 43. 10.6 0.0180 0.83 1.00 1.16 253.0 10.0 286.4 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
16 12 11 346 1 -3.1 0.073 -9.000 -9.000 -999. 47. 11.3 0.0240 0.83 1.00 1.18 36.0 10.0 285.4 2.0 0
0.00 100. 1015. 5 ADJ-A1 NoSubs
16 12 11 346 2 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 95.0 10.0 285.4 2.0 0
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16 12 11 346 3 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0230 0.83 1.00 1.42 10.0 10.0 285.4 2.0 0
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16 12 11 346 4 -1.3 0.057 -9.000 -9.000 -999. 33. 13.2 0.0230 0.83 1.00 0.62 4.0 10.0 284.9 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
16 12 11 346 5 -2.3 0.065 -9.000 -9.000 -999. 40. 11.0 0.0240 0.83 1.00 0.97 45.0 10.0 284.9 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
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0.00 100. 1015. 10 ADJ-A1 NoSubs
16 12 11 346 7 -4.2 0.083 -9.000 -9.000 -999. 58. 12.5 0.0240 0.83 1.00 1.40 51.0 10.0 284.2 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
16 12 11 346 8 -2.2 0.064 -9.000 -9.000 -999. 39. 11.0 0.0240 0.83 0.64 0.99 54.0 10.0 283.8 2.0 0
0.00 96. 1016. 7 ADJ-A1 NoSubs
16 12 11 346 9 -0.5 0.067 -9.000 -9.000 -999. 42. 55.0 0.0200 0.83 0.35 1.11 63.0 10.0 284.2 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
16 12 11 346 10 10.3 0.129 0.321 0.005 117. 111. -18.7 0.0200 0.83 0.25 1.74 78.0 10.0 284.9 2.0 0
0.00 96. 1017. 10 ADJ-A1 NoSubs
16 12 11 346 11 86.0 0.124 1.078 0.015 528. 105. -2.0 0.0230 0.83 0.21 1.26 119.0 10.0 285.9 2.0 0
0.00 86. 1016. 5 ADJ-A1 NoSubs
16 12 11 346 12 104.5 0.114 1.203 0.015 604. 92. -1.3 0.0180 0.83 0.20 1.14 250.0 10.0 286.4 2.0 0
0.00 86. 1016. 3 ADJ-A1 NoSubs
16 12 11 346 13 105.0 0.137 1.249 0.015 672. 122. -2.2 0.0180 0.83 0.20 1.50 250.0 10.0 287.0 2.0 0
0.00 83. 1015. 3 ADJ-A1 NoSubs
16 12 11 346 14 84.6 0.216 1.183 0.014 710. 242. -10.9 0.0210 0.83 0.21 2.76 226.0 10.0 287.0 2.0 0
0.00 83. 1015. 0 ADJ-A1 NoSubs
16 12 11 346 15 53.6 0.186 1.023 0.014 722. 193. -10.9 0.0210 0.83 0.25 2.38 232.0 10.0 285.9 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
16 12 11 346 16 18.7 0.142 0.721 0.014 726. 129. -13.9 0.0180 0.83 0.34 1.91 240.0 10.0 285.4 2.0 0
0.00 86. 1015. 5 ADJ-A1 NoSubs
16 12 11 346 17 -1.7 0.058 -9.000 -9.000 -999. 38. 10.7 0.0180 0.83 0.62 0.87 283.0 10.0 285.4 2.0 0
0.00 86. 1015. 3 ADJ-A1 NoSubs
16 12 11 346 18 -2.2 0.064 -9.000 -9.000 -999. 38. 10.5 0.0180 0.83 1.00 0.99 249.0 10.0 284.2 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
16 12 11 346 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0230 0.83 1.00 1.00 321.0 10.0 999.0 -9.0
0 0.00 999. 1014. 99 ADJ-A1 NoSubs
16 12 11 346 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
16 12 11 346 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
16 12 11 346 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1014. 99 NAD NoSubs
16 12 11 346 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0

0 0.00 999. 1015. 99 NAD NoSubs
16 12 11 346 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
16 12 12 347 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1014. 99 NAD NoSubs
16 12 12 347 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
16 12 12 347 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
16 12 12 347 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1014. 99 NAD NoSubs
16 12 12 347 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1014. 99 NAD NoSubs
16 12 12 347 6 -2.8 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.83 1.00 1.13 13.0 10.0 282.5 2.0 0
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16 12 12 347 7 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0270 0.83 1.00 1.28 348.0 10.0 282.0 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
16 12 12 347 8 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0200 0.83 0.64 1.30 69.0 10.0 282.5 2.0 0
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16 12 12 347 9 -1.3 0.095 -9.000 -9.000 -999. 70. 57.6 0.0230 0.83 0.35 1.52 312.0 10.0 282.5 2.0 0
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16 12 12 347 10 50.8 0.109 0.903 0.017 525. 87. -2.3 0.0180 0.83 0.25 1.20 293.0 10.0 283.8 2.0 0
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16 12 12 347 11 72.3 0.108 1.050 0.016 579. 85. -1.6 0.0200 0.83 0.21 1.09 83.0 10.0 285.9 2.0 0
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16 12 12 347 12 104.4 0.108 1.216 0.015 624. 85. -1.1 0.0280 0.83 0.20 0.94 131.0 10.0 287.5 2.0 0
0.00 59. 1014. 3 ADJ-A1 NoSubs
16 12 12 347 13 99.9 0.158 1.210 0.014 642. 151. -3.6 0.0170 0.83 0.20 1.86 208.0 10.0 287.5 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
16 12 12 347 14 84.4 0.209 1.153 0.013 657. 229. -9.8 0.0180 0.83 0.21 2.72 244.0 10.0 287.0 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
16 12 12 347 15 49.8 0.208 0.972 0.013 665. 227. -16.2 0.0180 0.83 0.25 2.83 257.0 10.0 286.4 2.0 0
0.00 71. 1013. 7 ADJ-A1 NoSubs
16 12 12 347 16 11.2 0.107 0.591 0.012 667. 89. -10.0 0.0180 0.83 0.34 1.40 285.0 10.0 286.4 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
16 12 12 347 17 -5.9 0.100 -9.000 -9.000 -999. 76. 15.4 0.0210 0.83 0.62 1.72 218.0 10.0 284.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
16 12 12 347 18 -5.7 0.096 -9.000 -9.000 -999. 72. 14.0 0.0180 0.83 1.00 1.70 292.0 10.0 284.2 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
16 12 12 347 19 -5.4 0.093 -9.000 -9.000 -999. 68. 13.5 0.0180 0.83 1.00 1.65 299.0 10.0 282.0 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
16 12 12 347 20 -5.0 0.091 -9.000 -9.000 -999. 65. 13.4 0.0230 0.83 1.00 1.54 317.0 10.0 282.5 2.0 0
0.00 100. 1013. 7 ADJ-A1 NoSubs
16 12 12 347 21 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0230 0.83 1.00 1.86 321.0 10.0 283.1 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 12 12 347 22 -3.2 0.073 -9.000 -9.000 -999. 48. 11.0 0.0180 0.83 1.00 1.26 289.0 10.0 283.1 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 12 12 347 23 -3.9 0.080 -9.000 -9.000 -999. 54. 12.0 0.0230 0.83 1.00 1.35 3.0 10.0 282.5 2.0 0
0.00 92. 1014. 5 ADJ-A1 NoSubs
16 12 12 347 24 -3.2 0.074 -9.000 -9.000 -999. 48. 11.3 0.0230 0.83 1.00 1.21 311.0 10.0 282.0 2.0 0
0.00 100. 1014. 5 ADJ-A1 NoSubs
16 12 13 348 1 -3.5 0.075 -9.000 -9.000 -999. 50. 11.2 0.0180 0.83 1.00 1.31 261.0 10.0 282.5 2.0 0
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16 12 13 348 2 -2.6 0.067 -9.000 -9.000 -999. 41. 10.5 0.0180 0.83 1.00 1.09 267.0 10.0 282.5 2.0 0

0.00 96. 1014. 10 ADJ-A1 NoSubs
16 12 13 348 3 -2.8 0.070 -9.000 -9.000 -999. 44. 11.0 0.0240 0.83 1.00 1.11 32.0 10.0 282.5 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 12 13 348 4 -3.8 0.080 -9.000 -9.000 -999. 54. 12.2 0.0270 0.83 1.00 1.31 359.0 10.0 282.5 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 12 13 348 5 -4.2 0.083 -9.000 -9.000 -999. 57. 12.3 0.0230 0.83 1.00 1.40 303.0 10.0 282.5 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 12 13 348 6 -6.2 0.101 -9.000 -9.000 -999. 77. 14.9 0.0230 0.83 1.00 1.71 310.0 10.0 282.0 2.0 0
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16 12 13 348 7 -7.6 0.112 -9.000 -9.000 -999. 90. 16.7 0.0230 0.83 1.00 1.89 309.0 10.0 282.0 2.0 0
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16 12 13 348 8 -10.5 0.134 -9.000 -9.000 -999. 117. 20.5 0.0230 0.83 0.65 2.22 302.0 10.0 282.0 2.0 0
0.00 95. 1014. 10 ADJ-A1 NoSubs
16 12 13 348 9 15.3 0.144 0.430 0.011 188. 131. -17.7 0.0230 0.83 0.35 1.89 306.0 10.0 283.8 2.0 0
0.00 89. 1015. 5 ADJ-A1 NoSubs
16 12 13 348 10 10.3 0.088 0.407 0.012 237. 63. -5.9 0.0230 0.83 0.25 1.03 316.0 10.0 285.9 2.0 0
0.00 82. 1015. 10 ADJ-A1 NoSubs
16 12 13 348 11 18.3 0.093 0.536 0.012 304. 68. -4.0 0.0310 0.83 0.21 0.97 179.0 10.0 286.4 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
16 12 13 348 12 22.6 0.127 0.614 0.013 371. 108. -8.2 0.0170 0.83 0.20 1.64 186.0 10.0 287.0 2.0 0
0.00 83. 1015. 10 ADJ-A1 NoSubs
16 12 13 348 13 22.9 0.100 0.627 0.013 389. 76. -4.0 0.0180 0.83 0.20 1.18 275.0 10.0 287.5 2.0 0
0.00 74. 1014. 10 ADJ-A1 NoSubs
16 12 13 348 14 74.1 0.137 0.947 0.012 414. 121. -3.1 0.0230 0.83 0.21 1.48 321.0 10.0 288.8 2.0 0
0.00 64. 1013. 7 ADJ-A1 NoSubs
16 12 13 348 15 11.5 0.207 0.510 0.012 417. 226. -69.8 0.0180 0.83 0.25 3.08 245.0 10.0 287.5 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
16 12 13 348 16 0.5 0.189 0.182 0.012 417. 198. -1189.7 0.0180 0.83 0.34 2.98 241.0 10.0 286.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 12 13 348 17 -6.0 0.100 -9.000 -9.000 -999. 79. 15.1 0.0180 0.83 0.61 1.76 247.0 10.0 285.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 12 13 348 18 -5.0 0.090 -9.000 -9.000 -999. 65. 13.2 0.0180 0.83 1.00 1.59 285.0 10.0 286.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
16 12 13 348 19 -3.5 0.076 -9.000 -9.000 -999. 51. 11.3 0.0180 0.83 1.00 1.33 299.0 10.0 286.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
16 12 13 348 20 -3.9 0.080 -9.000 -9.000 -999. 54. 11.7 0.0180 0.83 1.00 1.40 297.0 10.0 285.9 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 12 13 348 21 -6.1 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.76 293.0 10.0 285.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 12 13 348 22 -5.9 0.097 -9.000 -9.000 -999. 73. 14.2 0.0180 0.83 1.00 1.72 290.0 10.0 284.9 2.0 0
0.00 100. 1014. 5 ADJ-A1 NoSubs
16 12 13 348 23 -3.0 0.071 -9.000 -9.000 -999. 45. 10.8 0.0180 0.83 1.00 1.21 297.0 10.0 285.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
16 12 13 348 24 -1.5 0.058 -9.000 -9.000 -999. 34. 12.3 0.0230 0.83 1.00 0.70 97.0 10.0 284.9 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
16 12 14 349 1 -2.7 0.069 -9.000 -9.000 -999. 43. 10.9 0.0230 0.83 1.00 1.09 326.0 10.0 284.9 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 12 14 349 2 -2.2 0.064 -9.000 -9.000 -999. 39. 10.9 0.0230 0.83 1.00 0.96 24.0 10.0 285.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 12 14 349 3 -2.3 0.066 -9.000 -9.000 -999. 41. 11.2 0.0270 0.83 1.00 0.97 345.0 10.0 285.9 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 12 14 349 4 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.83 1.00 1.14 287.0 10.0 285.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
16 12 14 349 5 -6.0 0.100 -9.000 -9.000 -999. 76. 15.3 0.0310 0.83 1.00 1.62 158.0 10.0 284.9 2.0 11

0.30 100. 1012. 10 ADJ-A1 NoSubs
16 12 14 349 6 -1.7 0.061 -9.000 -9.000 -999. 36. 12.0 0.0270 0.83 1.00 0.77 332.0 10.0 284.9 2.0 11
0.50 100. 1012. 10 ADJ-A1 NoSubs
16 12 14 349 7 -1.8 0.062 -9.000 -9.000 -999. 37. 11.4 0.0240 0.83 1.00 0.84 48.0 10.0 285.4 2.0 11
0.20 100. 1012. 10 ADJ-A1 NoSubs
16 12 14 349 8 -3.5 0.077 -9.000 -9.000 -999. 51. 11.8 0.0240 0.83 0.65 1.28 37.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
16 12 14 349 9 -0.6 0.095 -9.000 -9.000 -999. 70. 137.6 0.0230 0.83 0.36 1.50 327.0 10.0 286.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
16 12 14 349 10 10.5 0.086 0.374 0.007 181. 61. -5.6 0.0230 0.83 0.25 1.01 326.0 10.0 287.0 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 12 14 349 11 18.5 0.127 0.474 0.007 208. 108. -9.9 0.0210 0.83 0.22 1.60 225.0 10.0 287.5 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
16 12 14 349 12 22.6 0.132 0.530 0.006 238. 115. -9.1 0.0170 0.83 0.20 1.72 208.0 10.0 287.5 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
16 12 14 349 13 22.8 0.173 0.551 0.006 264. 172. -20.4 0.0210 0.83 0.20 2.33 224.0 10.0 287.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
16 12 14 349 14 19.4 0.210 0.548 0.005 305. 232. -43.3 0.0210 0.83 0.21 2.98 220.0 10.0 288.8 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 12 14 349 15 11.6 0.220 0.475 0.005 331. 248. -82.8 0.0210 0.83 0.25 3.22 227.0 10.0 288.1 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 12 14 349 16 1.1 0.183 0.215 0.005 333. 188. -514.6 0.0180 0.83 0.34 2.86 282.0 10.0 288.1 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
16 12 14 349 17 -21.1 0.227 -9.000 -9.000 -999. 260. 56.8 0.0180 0.83 0.61 3.80 271.0 10.0 287.0 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
16 12 14 349 18 -24.8 0.251 -9.000 -9.000 -999. 302. 69.5 0.0180 0.83 1.00 4.19 254.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
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0.00 100. 1011. 10 ADJ-A1 NoSubs
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0.00 100. 1010. 10 ADJ-A1 NoSubs
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0.00 100. 1011. 10 ADJ-A1 NoSubs
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0.50 96. 1007. 10 ADJ-A1 NoSubs
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0.50 96. 1007. 10 ADJ-A1 NoSubs
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1.80 96. 1005. 10 ADJ-A1 NoSubs
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2.80 100. 1004. 10 ADJ-A1 NoSubs
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4.30 100. 1003. 10 ADJ-A1 NoSubs
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5.80 100. 1002. 10 ADJ-A1 NoSubs
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11 1.30 100. 999. 10 ADJ-A1 NoSubs
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0.80 96. 1002. 10 ADJ-A1 NoSubs
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0.00 83. 1007. 10 ADJ-A1 NoSubs
16 12 16 351 9 13.6 0.117 0.691 0.009 873. 96. -10.7 0.0180 0.83 0.36 1.54 249.0 10.0 283.1 2.0 0
0.00 79. 1008. 5 ADJ-A1 NoSubs
16 12 16 351 10 53.8 0.214 1.204 0.016 1166. 237. -16.3 0.0180 0.83 0.25 2.91 263.0 10.0 284.2 2.0 0
0.00 74. 1009. 5 ADJ-A1 NoSubs
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0.00 68. 1009. 0 ADJ-A1 NoSubs
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16 12 16 351 13 84.4 0.334 1.431 0.014 1248. 463. -39.6 0.0180 0.83 0.20 4.83 260.0 10.0 285.4 2.0 0 0.00 61. 1008. 7 ADJ-A1 NoSubs
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16 12 16 351 15 53.3 0.397 1.233 0.014 1266. 601. -105.8 0.0180 0.83 0.25 6.01 265.0 10.0 284.9 2.0 0 0.00 51. 1009. 0 ADJ-A1 NoSubs
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16 12 16 351 20 -7.5 0.111 -9.000 -9.000 -999. 89. 16.4 0.0230 0.83 1.00 1.87 308.0 10.0 278.1 2.0 0 0.00 92. 1012. 0 ADJ-A1 NoSubs
16 12 16 351 21 -4.6 0.087 -9.000 -9.000 -999. 61. 12.7 0.0230 0.83 1.00 1.47 310.0 10.0 277.0 2.0 0 0.00 95. 1013. 0 ADJ-A1 NoSubs
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16 12 17 352 11 79.3 0.149 0.965 0.005 412. 138. -3.8 0.0230 0.83 0.22 1.65 92.0 10.0 281.4 2.0 0 0.00 70. 1020. 0 ADJ-A1 NoSubs
16 12 17 352 12 96.6 0.169 1.141 0.005 560. 167. -4.6 0.0230 0.83 0.20 1.93 111.0 10.0 283.1 2.0 0 0.00 58. 1020. 0 ADJ-A1 NoSubs
16 12 17 352 13 97.8 0.146 1.221 0.005 677. 134. -2.9 0.0170 0.83 0.20 1.67 181.0 10.0 283.8 2.0 0 0.00 49. 1019. 0 ADJ-A1 NoSubs
16 12 17 352 14 83.0 0.207 1.231 0.005 816. 226. -9.7 0.0170 0.83 0.21 2.72 188.0 10.0 283.8 2.0 0

0.00 47. 1018. 0 ADJ-A1 NoSubs
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0.00 49. 1019. 0 ADJ-A1 NoSubs
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16 12 17 352 18 -5.6 0.095 -9.000 -9.000 -999. 71. 14.0 0.0230 0.83 1.00 1.62 305.0 10.0 278.8 2.0 0
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0.00 42. 1021. 0 ADJ-A1 NoSubs
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0.00 34. 1020. 0 ADJ-A1 NoSubs
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0.00 51. 1020. 0 ADJ-A1 NoSubs
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0.00 72. 1021. 0 ADJ-A1 NoSubs
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0.00 70. 1022. 0 ADJ-A1 NoSubs
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0.00 78. 1022. 0 ADJ-A1 NoSubs
16 12 19 354 4 -3.6 0.077 -9.000 -9.000 -999. 51. 11.5 0.0240 0.83 1.00 1.26 44.0 10.0 273.1 2.0 0
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16 12 19 354 5 -4.1 0.081 -9.000 -9.000 -999. 55. 11.7 0.0180 0.83 1.00 1.42 288.0 10.0 272.5 2.0 0
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0.00 88. 1022. 0 ADJ-A1 NoSubs
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0.00 88. 1023. 0 ADJ-A1 NoSubs
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0.00 54. 1020. 0 ADJ-A1 NoSubs
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0 0.00 999. 1020. 99 ADJ-A1 Sub_TT
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0 0.00 999. 1020. 99 NAD Sub_TT
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0.00 60. 1020. 0 ADJ-A1 NoSubs
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0.00 43. 1020. 0 ADJ-A1 NoSubs
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0.00 79. 1016. 0 ADJ-A1 NoSubs
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0.00 78. 1015. 0 ADJ-A1 NoSubs
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0.00 70. 1013. 0 ADJ-A1 NoSubs
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0.00 58. 1013. 0 ADJ-A1 NoSubs
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0.00 55. 1013. 0 ADJ-A1 NoSubs
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0.00 49. 1012. 0 ADJ-A1 NoSubs
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0.00 47. 1011. 0 ADJ-A1 NoSubs
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0.00 42. 1010. 0 ADJ-A1 NoSubs
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0.00 44. 1010. 0 ADJ-A1 NoSubs
16 12 21 356 16 14.6 0.217 0.661 0.014 711. 246. -62.8 0.0240 0.83 0.34 3.06 41.0 10.0 291.4 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
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0.00 53. 1009. 0 ADJ-A1 NoSubs
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0.00 74. 1010. 0 ADJ-A1 NoSubs
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0.00 82. 1010. 0 ADJ-A1 NoSubs
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0.00 86. 1011. 0 ADJ-A1 NoSubs
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0.00 79. 1011. 0 ADJ-A1 NoSubs
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0.00 89. 1011. 0 ADJ-A1 NoSubs
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16 12 22 357 1 -7.3 0.109 -9.000 -9.000 -999. 86. 15.8 0.0180 0.83 1.00 1.91 290.0 10.0 279.9 2.0 0
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0.00 88. 1010. 0 ADJ-A1 NoSubs
16 12 22 357 9 2.3 0.077 0.106 0.009 18. 51. -17.3 0.0200 0.83 0.37 1.03 83.0 10.0 280.9 2.0 0
0.00 78. 1011. 0 ADJ-A1 NoSubs
16 12 22 357 10 46.1 0.095 0.472 0.005 82. 70. -1.7 0.0230 0.83 0.26 0.94 115.0 10.0 283.1 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
16 12 22 357 11 79.2 0.115 0.957 0.012 398. 94. -1.7 0.0280 0.83 0.22 1.09 132.0 10.0 286.4 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
16 12 22 357 12 97.2 0.125 1.217 0.013 668. 106. -1.8 0.0230 0.83 0.20 1.25 101.0 10.0 288.1 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
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0.00 47. 1009. 0 ADJ-A1 NoSubs
16 12 22 357 14 85.7 0.134 1.182 0.011 693. 117. -2.5 0.0310 0.83 0.21 1.31 172.0 10.0 290.9 2.0 0
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0.00 89. 1009. 10 ADJ-A1 NoSubs
16 12 23 358 5 -8.8 0.121 -9.000 -9.000 -999. 101. 18.2 0.0230 0.83 1.00 2.03 325.0 10.0 281.4 2.0 0

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1.30 96. 1007. 10 ADJ-A1 NoSubs
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1.00 100. 1007. 10 ADJ-A1 NoSubs
16 12 23 358 8 -8.1 0.117 -9.000 -9.000 -999. 96. 17.5 0.0230 0.83 0.70 1.96 310.0 10.0 281.4 2.0 11
2.30 100. 1007. 10 ADJ-A1 NoSubs
16 12 23 358 9 -3.7 0.127 -9.000 -9.000 -999. 109. 50.3 0.0270 0.83 0.37 1.99 349.0 10.0 282.0 2.0 11
0.50 95. 1007. 10 ADJ-A1 NoSubs
16 12 23 358 10 8.2 0.140 0.279 0.011 94. 126. -30.2 0.0270 0.83 0.26 1.86 353.0 10.0 282.0 2.0 11
0.50 100. 1007. 10 ADJ-A1 NoSubs
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0.30 100. 1006. 10 ADJ-A1 NoSubs
16 12 23 358 12 21.0 0.154 0.476 0.011 184. 145. -15.5 0.0230 0.83 0.20 1.99 321.0 10.0 283.1 2.0 11
0.70 100. 1006. 10 ADJ-A1 NoSubs
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2.50 100. 1005. 10 ADJ-A1 NoSubs
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0.80 100. 1004. 10 ADJ-A1 NoSubs
16 12 23 358 15 10.8 0.118 0.409 0.009 227. 98. -13.8 0.0230 0.83 0.25 1.52 25.0 10.0 283.8 2.0 11
2.00 100. 1003. 10 ADJ-A1 NoSubs
16 12 23 358 16 0.4 0.195 0.134 0.009 228. 206. -1748.2 0.0180 0.83 0.33 3.07 258.0 10.0 283.8 2.0
11 1.80 96. 1004. 10 ADJ-A1 NoSubs
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0.00 100. 1004. 5 ADJ-A1 NoSubs
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0.00 95. 1005. 0 ADJ-A1 NoSubs
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0.00 100. 1005. 0 ADJ-A1 NoSubs
16 12 23 358 21 -6.8 0.106 -9.000 -9.000 -999. 82. 15.6 0.0230 0.83 1.00 1.79 315.0 10.0 278.8 2.0 0
0.00 100. 1005. 3 ADJ-A1 NoSubs
16 12 23 358 22 -11.7 0.140 -9.000 -9.000 -999. 126. 21.5 0.0230 0.83 1.00 2.32 306.0 10.0 277.5 2.0 0
0.00 100. 1006. 5 ADJ-A1 NoSubs
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0.00 100. 1007. 0 ADJ-A1 NoSubs
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0.00 96. 1007. 0 ADJ-A1 NoSubs
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0.00 79. 1006. 5 ADJ-A1 NoSubs
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0.00 68. 1006. 0 ADJ-A1 NoSubs
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0.00 60. 1006. 7 ADJ-A1 NoSubs
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0.00 50. 1006. 5 ADJ-A1 NoSubs
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0.00 52. 1006. 7 ADJ-A1 NoSubs
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0.00 60. 1007. 0 ADJ-A1 NoSubs
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0.00 82. 1008. 0 ADJ-A1 NoSubs
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16 12 25 360 9 -2.6 0.084 -9.000 -9.000 -999. 59. 20.6 0.0230 0.83 0.37 1.40 12.0 10.0 276.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
16 12 25 360 10 50.1 0.121 0.661 0.005 208. 101. -3.2 0.0230 0.83 0.26 1.31 14.0 10.0 278.8 2.0 0
0.00 88. 1013. 3 ADJ-A1 NoSubs
16 12 25 360 11 77.7 0.151 1.001 0.005 466. 140. -4.0 0.0240 0.83 0.22 1.67 48.0 10.0 282.0 2.0 0

0.00 70. 1013. 0 ADJ-A1 NoSubs
16 12 25 360 12 95.7 0.201 1.230 0.005 702. 216. -7.7 0.0230 0.83 0.20 2.43 102.0 10.0 282.5 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
16 12 25 360 13 98.0 0.177 1.275 0.005 764. 179. -5.1 0.0230 0.83 0.20 2.05 119.0 10.0 283.8 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
16 12 25 360 14 89.4 0.160 1.262 0.005 811. 154. -4.1 0.0280 0.83 0.21 1.72 128.0 10.0 284.2 2.0 0
0.00 58. 1011. 3 ADJ-A1 NoSubs
16 12 25 360 15 55.3 0.119 1.087 0.005 838. 99. -2.8 0.0240 0.83 0.24 1.26 46.0 10.0 284.2 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
16 12 25 360 16 13.6 0.096 0.683 0.005 844. 72. -5.9 0.0230 0.83 0.33 1.13 307.0 10.0 283.1 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
16 12 25 360 17 -1.5 0.057 -9.000 -9.000 -999. 32. 10.6 0.0180 0.83 0.58 0.86 271.0 10.0 282.0 2.0 0
0.00 76. 1011. 5 ADJ-A1 NoSubs
16 12 25 360 18 -6.5 0.104 -9.000 -9.000 -999. 81. 15.6 0.0270 0.83 1.00 1.72 334.0 10.0 279.9 2.0 0
0.00 82. 1012. 7 ADJ-A1 NoSubs
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0.00 73. 1013. 0 ADJ-A1 NoSubs
16 12 25 360 20 -5.3 0.094 -9.000 -9.000 -999. 69. 14.0 0.0270 0.83 1.00 1.55 348.0 10.0 279.2 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
16 12 25 360 21 -7.6 0.112 -9.000 -9.000 -999. 90. 16.8 0.0270 0.83 1.00 1.84 359.0 10.0 277.5 2.0 0
0.00 85. 1014. 3 ADJ-A1 NoSubs
16 12 25 360 22 -10.0 0.129 -9.000 -9.000 -999. 111. 19.6 0.0270 0.83 1.00 2.10 356.0 10.0 278.8 2.0 0
0.00 78. 1014. 10 ADJ-A1 NoSubs
16 12 25 360 23 -5.5 0.095 -9.000 -9.000 -999. 70. 14.0 0.0240 0.83 1.00 1.60 42.0 10.0 280.4 2.0 0
0.00 70. 1015. 10 ADJ-A1 NoSubs
16 12 25 360 24 -26.3 0.260 -9.000 -9.000 -999. 319. 74.5 0.0240 0.83 1.00 4.14 41.0 10.0 280.9 2.0 0
0.00 65. 1015. 10 ADJ-A1 NoSubs
16 12 26 361 1 -22.2 0.220 -9.000 -9.000 -999. 248. 53.1 0.0240 0.83 1.00 3.52 31.0 10.0 280.9 2.0 0
0.00 65. 1015. 10 ADJ-A1 NoSubs
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0.00 65. 1016. 10 ADJ-A1 NoSubs
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0.00 65. 1016. 7 ADJ-A1 NoSubs
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0.00 65. 1016. 0 ADJ-A1 NoSubs
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0.00 67. 1017. 10 ADJ-A1 NoSubs
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0.00 75. 1017. 0 ADJ-A1 NoSubs
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0.00 79. 1018. 0 ADJ-A1 NoSubs
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0.00 72. 1019. 0 ADJ-A1 NoSubs
16 12 26 361 10 45.2 0.214 0.700 0.007 275. 238. -19.8 0.0200 0.83 0.26 2.91 82.0 10.0 283.1 2.0 0
0.00 60. 1020. 0 ADJ-A1 NoSubs
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0.00 46. 1020. 0 ADJ-A1 NoSubs
16 12 26 361 12 96.6 0.265 1.147 0.008 568. 327. -17.5 0.0240 0.83 0.20 3.44 40.0 10.0 285.9 2.0 0
0.00 44. 1019. 0 ADJ-A1 NoSubs
16 12 26 361 13 99.1 0.227 1.228 0.007 680. 260. -10.7 0.0230 0.83 0.20 2.84 15.0 10.0 287.0 2.0 0
0.00 41. 1018. 0 ADJ-A1 NoSubs
16 12 26 361 14 85.6 0.217 1.200 0.007 733. 243. -10.9 0.0230 0.83 0.21 2.72 18.0 10.0 287.5 2.0 0

0.00 40. 1018. 0 ADJ-A1 NoSubs
16 12 26 361 15 56.7 0.258 1.061 0.006 766. 314. -27.3 0.0240 0.83 0.24 3.46 36.0 10.0 287.5 2.0 0
0.00 43. 1018. 0 ADJ-A1 NoSubs
16 12 26 361 16 15.1 0.243 0.686 0.006 774. 287. -85.7 0.0240 0.83 0.33 3.47 54.0 10.0 287.0 2.0 0
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0.00 53. 1018. 0 ADJ-A1 NoSubs
16 12 26 361 19 -7.1 0.108 -9.000 -9.000 -999. 86. 16.2 0.0240 0.83 1.00 1.82 58.0 10.0 282.0 2.0 0
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16 12 26 361 21 -7.5 0.110 -9.000 -9.000 -999. 88. 16.3 0.0230 0.83 1.00 1.86 313.0 10.0 277.5 2.0 0
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0.00 75. 1022. 0 ADJ-A1 NoSubs
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0.00 81. 1021. 0 ADJ-A1 NoSubs
16 12 27 362 1 -7.8 0.113 -9.000 -9.000 -999. 91. 16.9 0.0270 0.83 1.00 1.86 330.0 10.0 277.0 2.0 0
0.00 81. 1022. 0 ADJ-A1 NoSubs
16 12 27 362 2 -4.5 0.086 -9.000 -9.000 -999. 61. 12.8 0.0270 0.83 1.00 1.42 340.0 10.0 277.0 2.0 0
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0.00 82. 1021. 0 ADJ-A1 NoSubs
16 12 27 362 4 -5.0 0.091 -9.000 -9.000 -999. 66. 13.5 0.0270 0.83 1.00 1.50 341.0 10.0 276.4 2.0 0
0.00 82. 1021. 0 ADJ-A1 NoSubs
16 12 27 362 5 -5.0 0.089 -9.000 -9.000 -999. 64. 13.1 0.0230 0.83 1.00 1.52 14.0 10.0 275.4 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
16 12 27 362 6 -9.0 0.121 -9.000 -9.000 -999. 101. 17.9 0.0230 0.83 1.00 2.03 10.0 10.0 275.9 2.0 0
0.00 81. 1020. 0 ADJ-A1 NoSubs
16 12 27 362 7 -7.5 0.110 -9.000 -9.000 -999. 88. 16.2 0.0230 0.83 1.00 1.86 24.0 10.0 275.4 2.0 0
0.00 81. 1020. 0 ADJ-A1 NoSubs
16 12 27 362 8 -8.8 0.120 -9.000 -9.000 -999. 99. 17.8 0.0230 0.83 0.71 2.01 310.0 10.0 275.9 2.0 0
0.00 81. 1021. 0 ADJ-A1 NoSubs
16 12 27 362 9 0.7 0.086 0.058 0.011 10. 60. -81.8 0.0270 0.83 0.37 1.20 349.0 10.0 279.2 2.0 0
0.00 67. 1022. 0 ADJ-A1 NoSubs
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0.00 48. 1021. 0 ADJ-A1 NoSubs
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0.00 38. 1020. 0 ADJ-A1 NoSubs
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0.00 35. 1020. 0 ADJ-A1 NoSubs
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16 12 27 362 16 15.8 0.175 0.649 0.009 628. 182. -30.7 0.0170 0.83 0.33 2.52 192.0 10.0 287.5 2.0 0
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0.00 52. 1019. 0 ADJ-A1 NoSubs
16 12 27 362 18 -5.0 0.091 -9.000 -9.000 -999. 66. 13.6 0.0270 0.83 1.00 1.50 343.0 10.0 283.1 2.0 0
0.00 67. 1019. 0 ADJ-A1 NoSubs
16 12 27 362 19 -4.8 0.088 -9.000 -9.000 -999. 63. 13.1 0.0230 0.83 1.00 1.50 322.0 10.0 281.4 2.0 0
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16 12 27 362 20 -8.0 0.115 -9.000 -9.000 -999. 94. 17.4 0.0270 0.83 1.00 1.89 333.0 10.0 281.4 2.0 0
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16 12 27 362 21 -16.8 0.169 -9.000 -9.000 -999. 166. 31.4 0.0230 0.83 1.00 2.76 6.0 10.0 283.1 2.0 0
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0.00 82. 1020. 0 ADJ-A1 NoSubs
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16 12 28 363 3 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0270 0.83 1.00 1.55 333.0 10.0 278.1 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
16 12 28 363 4 -6.5 0.103 -9.000 -9.000 -999. 79. 15.1 0.0230 0.83 1.00 1.74 16.0 10.0 278.1 2.0 0
0.00 75. 1019. 0 ADJ-A1 NoSubs
16 12 28 363 5 -11.8 0.140 -9.000 -9.000 -999. 126. 21.5 0.0230 0.83 1.00 2.32 310.0 10.0 276.4 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
16 12 28 363 6 -8.6 0.118 -9.000 -9.000 -999. 98. 17.6 0.0230 0.83 1.00 1.99 312.0 10.0 277.5 2.0 0
0.00 79. 1018. 0 ADJ-A1 NoSubs
16 12 28 363 7 -8.8 0.120 -9.000 -9.000 -999. 99. 17.7 0.0230 0.83 1.00 2.01 312.0 10.0 275.9 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
16 12 28 363 8 -3.2 0.074 -9.000 -9.000 -999. 48. 11.2 0.0230 0.83 0.71 1.21 7.0 10.0 278.1 2.0 0
0.00 73. 1019. 0 ADJ-A1 NoSubs
16 12 28 363 9 0.8 0.088 0.063 0.015 11. 63. -74.0 0.0270 0.83 0.37 1.23 347.0 10.0 280.9 2.0 0
0.00 62. 1019. 0 ADJ-A1 NoSubs
16 12 28 363 10 45.1 0.087 0.528 0.014 118. 62. -1.3 0.0170 0.83 0.26 0.89 192.0 10.0 283.8 2.0 0
0.00 51. 1019. 0 ADJ-A1 NoSubs
16 12 28 363 11 79.6 0.246 0.793 0.012 227. 294. -17.1 0.0230 0.83 0.22 3.22 90.0 10.0 288.8 2.0 0
0.00 32. 1018. 0 ADJ-A1 NoSubs
16 12 28 363 12 98.1 0.374 0.940 0.017 307. 550. -48.6 0.0240 0.83 0.20 5.21 49.0 10.0 289.9 2.0 0
0.00 30. 1018. 0 ADJ-A1 NoSubs
16 12 28 363 13 100.7 0.364 0.996 0.017 355. 528. -43.6 0.0240 0.83 0.20 5.04 59.0 10.0 290.4 2.0 0
0.00 32. 1017. 0 ADJ-A1 NoSubs
16 12 28 363 14 87.7 0.371 1.052 0.017 482. 543. -52.9 0.0240 0.83 0.21 5.19 59.0 10.0 291.4 2.0 0
0.00 32. 1015. 0 ADJ-A1 NoSubs
16 12 28 363 15 58.6 0.361 0.974 0.017 572. 520. -72.6 0.0230 0.83 0.24 5.16 92.0 10.0 290.4 2.0 0
0.00 37. 1015. 0 ADJ-A1 NoSubs
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0.00 39. 1015. 0 ADJ-A1 NoSubs
16 12 28 363 17 -21.8 0.258 -9.000 -9.000 -999. 315. 73.5 0.0200 0.83 0.57 4.22 73.0 10.0 287.0 2.0 0
0.00 46. 1016. 0 ADJ-A1 NoSubs
16 12 28 363 18 -28.0 0.281 -9.000 -9.000 -999. 358. 86.9 0.0200 0.83 1.00 4.59 81.0 10.0 285.4 2.0 0
0.00 52. 1016. 0 ADJ-A1 NoSubs
16 12 28 363 19 -29.6 0.298 -9.000 -9.000 -999. 390. 97.6 0.0240 0.83 1.00 4.71 37.0 10.0 285.9 2.0 0
0.00 46. 1017. 0 ADJ-A1 NoSubs
16 12 28 363 20 -23.2 0.233 -9.000 -9.000 -999. 272. 59.8 0.0230 0.83 1.00 3.75 27.0 10.0 285.9 2.0 0

0.00 44. 1017. 0 ADJ-A1 NoSubs
16 12 28 363 21 -11.8 0.141 -9.000 -9.000 -999. 131. 21.9 0.0240 0.83 1.00 2.32 48.0 10.0 284.2 2.0 0
0.00 52. 1017. 0 ADJ-A1 NoSubs
16 12 28 363 22 -20.1 0.198 -9.000 -9.000 -999. 212. 43.3 0.0270 0.83 1.00 3.13 332.0 10.0 280.9 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
16 12 28 363 23 -6.8 0.105 -9.000 -9.000 -999. 86. 15.5 0.0210 0.83 1.00 1.81 211.0 10.0 279.9 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
16 12 28 363 24 -10.3 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.83 1.00 2.18 322.0 10.0 279.2 2.0 0
0.00 75. 1016. 0 ADJ-A1 NoSubs
16 12 29 364 1 -5.1 0.091 -9.000 -9.000 -999. 66. 13.4 0.0230 0.83 1.00 1.55 308.0 10.0 278.8 2.0 0
0.00 78. 1016. 0 ADJ-A1 NoSubs
16 12 29 364 2 -5.2 0.092 -9.000 -9.000 -999. 67. 13.6 0.0240 0.83 1.00 1.55 34.0 10.0 278.8 2.0 0
0.00 72. 1015. 0 ADJ-A1 NoSubs
16 12 29 364 3 -5.1 0.091 -9.000 -9.000 -999. 66. 13.4 0.0230 0.83 1.00 1.55 23.0 10.0 278.1 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
16 12 29 364 4 -9.9 0.128 -9.000 -9.000 -999. 111. 19.3 0.0240 0.83 1.00 2.13 50.0 10.0 278.8 2.0 0
0.00 72. 1015. 0 ADJ-A1 NoSubs
16 12 29 364 5 -6.0 0.098 -9.000 -9.000 -999. 74. 14.4 0.0230 0.83 1.00 1.67 1.0 10.0 276.4 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
16 12 29 364 6 -6.5 0.103 -9.000 -9.000 -999. 80. 15.3 0.0240 0.83 1.00 1.74 32.0 10.0 278.8 2.0 0
0.00 70. 1014. 0 ADJ-A1 NoSubs
16 12 29 364 7 -8.4 0.117 -9.000 -9.000 -999. 97. 17.5 0.0240 0.83 1.00 1.96 33.0 10.0 278.1 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
16 12 29 364 8 -6.7 0.105 -9.000 -9.000 -999. 81. 15.6 0.0240 0.83 0.71 1.76 56.0 10.0 279.9 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
16 12 29 364 9 0.8 0.150 0.061 0.016 10. 140. -381.1 0.0200 0.83 0.38 2.30 64.0 10.0 281.4 2.0 0
0.00 62. 1016. 0 ADJ-A1 NoSubs
16 12 29 364 10 45.2 0.159 0.492 0.015 95. 152. -8.0 0.0200 0.83 0.26 1.98 83.0 10.0 284.2 2.0 0
0.00 58. 1016. 0 ADJ-A1 NoSubs
16 12 29 364 11 79.2 0.199 0.694 0.013 153. 214. -9.0 0.0200 0.83 0.22 2.52 86.0 10.0 287.5 2.0 0
0.00 48. 1016. 0 ADJ-A1 NoSubs
16 12 29 364 12 98.7 0.184 0.893 0.015 261. 190. -5.7 0.0230 0.83 0.20 2.16 90.0 10.0 290.9 2.0 0
0.00 40. 1015. 0 ADJ-A1 NoSubs
16 12 29 364 13 101.9 0.224 1.061 0.017 423. 254. -10.0 0.0230 0.83 0.20 2.78 98.0 10.0 292.5 2.0 0
0.00 36. 1014. 0 ADJ-A1 NoSubs
16 12 29 364 14 88.8 0.249 1.079 0.017 511. 297. -15.6 0.0230 0.83 0.21 3.22 94.0 10.0 293.1 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
16 12 29 364 15 59.8 0.232 0.954 0.016 526. 268. -18.8 0.0230 0.83 0.24 3.05 90.0 10.0 292.0 2.0 0
0.00 42. 1013. 0 ADJ-A1 NoSubs
16 12 29 364 16 17.7 0.183 0.638 0.016 529. 188. -31.1 0.0200 0.83 0.33 2.56 86.0 10.0 289.9 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
16 12 29 364 17 -10.7 0.141 -9.000 -9.000 -999. 127. 23.6 0.0200 0.83 0.56 2.37 70.0 10.0 288.8 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
16 12 29 364 18 -12.2 0.143 -9.000 -9.000 -999. 130. 22.5 0.0200 0.83 1.00 2.42 61.0 10.0 285.9 2.0 0
0.00 56. 1013. 0 ADJ-A1 NoSubs
16 12 29 364 19 -5.6 0.096 -9.000 -9.000 -999. 72. 14.3 0.0240 0.83 1.00 1.62 41.0 10.0 284.9 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
16 12 29 364 20 -3.2 0.074 -9.000 -9.000 -999. 48. 11.3 0.0230 0.83 1.00 1.21 10.0 10.0 283.1 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
16 12 29 364 21 -5.5 0.096 -9.000 -9.000 -999. 71. 14.4 0.0270 0.83 1.00 1.59 357.0 10.0 283.8 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
16 12 29 364 22 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 314.0 10.0 281.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
16 12 29 364 23 -3.3 0.074 -9.000 -9.000 -999. 48. 11.1 0.0200 0.83 1.00 1.25 68.0 10.0 280.4 2.0 0

0.00 85. 1014. 0 ADJ-A1 NoSubs
16 12 29 364 24 -12.3 0.143 -9.000 -9.000 -999. 130. 22.5 0.0200 0.83 1.00 2.42 66.0 10.0 282.5 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
16 12 30 365 1 -4.0 0.081 -9.000 -9.000 -999. 56. 11.8 0.0180 0.83 1.00 1.42 271.0 10.0 280.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
16 12 30 365 2 -4.3 0.085 -9.000 -9.000 -999. 59. 12.8 0.0270 0.83 1.00 1.40 332.0 10.0 280.9 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
16 12 30 365 3 -1.8 0.061 -9.000 -9.000 -999. 36. 11.4 0.0210 0.83 1.00 0.82 210.0 10.0 280.9 2.0 0
0.00 82. 1012. 10 ADJ-A1 NoSubs
16 12 30 365 4 -4.2 0.083 -9.000 -9.000 -999. 58. 12.3 0.0210 0.83 1.00 1.43 216.0 10.0 280.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
16 12 30 365 5 -10.3 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.83 1.00 2.18 321.0 10.0 280.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
16 12 30 365 6 -19.4 0.193 -9.000 -9.000 -999. 203. 40.9 0.0230 0.83 1.00 3.13 303.0 10.0 282.0 2.0 0
0.00 76. 1013. 7 ADJ-A1 NoSubs
16 12 30 365 7 -3.8 0.079 -9.000 -9.000 -999. 62. 11.6 0.0200 0.83 1.00 1.35 65.0 10.0 280.4 2.0 0
0.00 85. 1012. 7 ADJ-A1 NoSubs
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0.00 92. 1012. 10 ADJ-A1 NoSubs
16 12 30 365 9 -3.8 0.117 -9.000 -9.000 -999. 96. 37.6 0.0270 0.83 0.38 1.84 341.0 10.0 282.0 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
16 12 30 365 10 9.0 0.099 0.230 0.015 49. 74. -9.6 0.0240 0.83 0.26 1.21 59.0 10.0 285.9 2.0 0
0.00 66. 1012. 10 ADJ-A1 NoSubs
16 12 30 365 11 82.2 0.140 0.796 0.020 221. 125. -3.0 0.0200 0.83 0.22 1.55 69.0 10.0 287.0 2.0 0
0.00 59. 1013. 5 ADJ-A1 NoSubs
16 12 30 365 12 99.7 0.110 0.912 0.021 275. 88. -1.2 0.0230 0.83 0.20 1.03 313.0 10.0 288.1 2.0 0
0.00 54. 1011. 5 ADJ-A1 NoSubs
16 12 30 365 13 86.6 0.181 0.976 0.021 387. 185. -6.2 0.0170 0.83 0.20 2.27 203.0 10.0 288.8 2.0 0
0.00 55. 1011. 7 ADJ-A1 NoSubs
16 12 30 365 14 90.0 0.223 1.037 0.019 446. 253. -11.1 0.0310 0.83 0.21 2.64 168.0 10.0 288.8 2.0 0
0.00 61. 1010. 5 ADJ-A1 NoSubs
16 12 30 365 15 59.1 0.271 0.924 0.018 481. 339. -30.3 0.0170 0.83 0.24 3.90 180.0 10.0 288.8 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
16 12 30 365 16 17.5 0.202 0.620 0.018 490. 219. -42.3 0.0170 0.83 0.32 2.96 199.0 10.0 287.5 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
16 12 30 365 17 -9.9 0.134 -9.000 -9.000 -999. 119. 21.9 0.0170 0.83 0.56 2.32 195.0 10.0 283.8 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
16 12 30 365 18 -3.5 0.078 -9.000 -9.000 -999. 53. 12.1 0.0310 0.83 1.00 1.23 163.0 10.0 283.8 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
16 12 30 365 19 -2.4 0.066 -9.000 -9.000 -999. 41. 10.7 0.0210 0.83 1.00 1.03 235.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
16 12 30 365 20 -5.5 0.094 -9.000 -9.000 -999. 70. 13.7 0.0180 0.83 1.00 1.67 250.0 10.0 283.1 2.0 0
0.00 100. 1009. 7 ADJ-A1 NoSubs
16 12 30 365 21 -15.1 0.159 -9.000 -9.000 -999. 152. 27.7 0.0170 0.83 1.00 2.73 201.0 10.0 282.0 2.0 0
0.00 95. 1008. 0 ADJ-A1 NoSubs
16 12 30 365 22 -11.2 0.137 -9.000 -9.000 -999. 121. 20.5 0.0210 0.83 1.00 2.30 226.0 10.0 280.9 2.0 0
0.00 100. 1009. 3 ADJ-A1 NoSubs
16 12 30 365 23 -8.8 0.120 -9.000 -9.000 -999. 100. 17.8 0.0180 0.83 1.00 2.10 245.0 10.0 282.5 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
16 12 30 365 24 -17.8 0.178 -9.000 -9.000 -999. 181. 35.0 0.0210 0.83 1.00 2.95 229.0 10.0 282.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
16 12 31 366 1 -15.9 0.163 -9.000 -9.000 -999. 158. 29.3 0.0180 0.83 1.00 2.78 247.0 10.0 282.5 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
16 12 31 366 2 -6.1 0.100 -9.000 -9.000 -999. 77. 14.7 0.0210 0.83 1.00 1.72 238.0 10.0 282.0 2.0 0

0.00 85. 1008. 10 ADJ-A1 NoSubs
16 12 31 366 3 -4.8 0.088 -9.000 -9.000 -999. 62. 12.7 0.0180 0.83 1.00 1.55 251.0 10.0 281.4 2.0 0
0.00 85. 1008. 10 ADJ-A1 NoSubs
16 12 31 366 4 -14.5 0.156 -9.000 -9.000 -999. 147. 26.7 0.0180 0.83 1.00 2.66 255.0 10.0 281.4 2.0 0
0.00 76. 1008. 5 ADJ-A1 NoSubs
16 12 31 366 5 -7.7 0.112 -9.000 -9.000 -999. 90. 16.3 0.0180 0.83 1.00 1.96 260.0 10.0 279.9 2.0 0
0.00 85. 1008. 0 ADJ-A1 NoSubs
16 12 31 366 6 -8.9 0.122 -9.000 -9.000 -999. 102. 18.1 0.0230 0.83 1.00 2.04 319.0 10.0 278.1 2.0 0
0.00 92. 1008. 3 ADJ-A1 NoSubs
16 12 31 366 7 -8.9 0.121 -9.000 -9.000 -999. 101. 18.0 0.0230 0.83 1.00 2.03 316.0 10.0 277.0 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
16 12 31 366 8 -9.1 0.123 -9.000 -9.000 -999. 103. 18.4 0.0230 0.83 0.72 2.06 324.0 10.0 277.5 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
16 12 31 366 9 6.2 0.123 0.249 0.005 89. 103. -26.7 0.0210 0.83 0.38 1.69 232.0 10.0 278.8 2.0 0
0.00 91. 1008. 3 ADJ-A1 NoSubs
16 12 31 366 10 44.8 0.185 1.063 0.005 966. 191. -12.7 0.0240 0.83 0.26 2.33 43.0 10.0 282.5 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
16 12 31 366 11 78.5 0.142 1.319 0.005 1053. 128. -3.3 0.0200 0.83 0.22 1.59 63.0 10.0 284.2 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
16 12 31 366 12 21.4 0.114 0.860 0.005 1067. 92. -6.2 0.0210 0.83 0.20 1.37 229.0 10.0 283.8 2.0 0
0.00 63. 1008. 10 ADJ-A1 NoSubs
16 12 31 366 13 100.0 0.151 1.467 0.005 1136. 141. -3.1 0.0240 0.83 0.20 1.62 55.0 10.0 284.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
16 12 31 366 14 87.0 0.195 1.426 0.005 1197. 206. -7.6 0.0310 0.83 0.21 2.21 177.0 10.0 285.4 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
16 12 31 366 15 53.9 0.135 1.254 0.005 1316. 120. -4.1 0.0230 0.83 0.24 1.52 99.0 10.0 286.4 2.0 0
0.00 50. 1007. 7 ADJ-A1 NoSubs
16 12 31 366 16 17.2 0.166 0.866 0.005 1356. 163. -24.0 0.0280 0.83 0.32 2.15 120.0 10.0 284.2 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
16 12 31 366 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0210 0.83 0.56 1.95 233.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
16 12 31 366 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
16 12 31 366 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
16 12 31 366 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
16 12 31 366 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
16 12 31 366 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
16 12 31 366 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
16 12 31 366 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 1 1 1 1 -17.0 0.168 -9.000 -9.000 -999. 165. 31.1 0.0180 0.47 1.00 2.86 291.0 10.0 276.4 2.0 0
0.00 92. 1010. 0 ADJ-SFC NoSubs
17 1 1 1 2 -6.2 0.100 -9.000 -9.000 -999. 77. 14.3 0.0180 0.47 1.00 1.76 298.0 10.0 275.4 2.0 0
0.00 96. 1010. 3 ADJ-SFC NoSubs
17 1 1 1 3 -3.5 0.077 -9.000 -9.000 -999. 51. 11.5 0.0230 0.47 1.00 1.28 316.0 10.0 277.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
17 1 1 1 4 -4.2 0.083 -9.000 -9.000 -999. 57. 12.3 0.0230 0.47 1.00 1.40 320.0 10.0 278.1 2.0 0
0.00 88. 1010. 10 ADJ-A1 NoSubs
17 1 1 1 5 -4.3 0.085 -9.000 -9.000 -999. 59. 12.7 0.0270 0.47 1.00 1.40 337.0 10.0 278.1 2.0 0

0.00 92. 1009. 10 ADJ-A1 NoSubs
17 1 1 1 6 -5.9 0.097 -9.000 -9.000 -999. 73. 14.0 0.0180 0.47 1.00 1.72 286.0 10.0 278.1 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
17 1 1 1 7 -8.3 0.116 -9.000 -9.000 -999. 95. 17.0 0.0180 0.47 1.00 2.03 299.0 10.0 278.8 2.0 0
0.00 91. 1009. 10 ADJ-A1 NoSubs
17 1 1 1 8 -2.3 0.064 -9.000 -9.000 -999. 40. 10.5 0.0180 0.47 0.72 1.01 297.0 10.0 279.2 2.0 0
0.00 88. 1009. 10 ADJ-A1 NoSubs
17 1 1 1 9 -2.3 0.080 -9.000 -9.000 -999. 55. 20.2 0.0240 0.47 0.38 1.33 58.0 10.0 279.9 2.0 0
0.00 88. 1009. 10 ADJ-A1 NoSubs
17 1 1 1 10 5.6 0.083 0.363 0.005 308. 57. -9.2 0.0270 0.47 0.26 0.99 343.0 10.0 281.4 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
17 1 1 1 11 11.6 0.123 0.573 0.005 583. 103. -14.3 0.0280 0.47 0.22 1.52 146.0 10.0 282.5 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
17 1 1 1 12 15.1 0.213 0.686 0.017 768. 237. -58.0 0.0210 0.47 0.20 3.07 222.0 10.0 283.8 2.0 0
0.00 70. 1009. 10 ADJ-A1 NoSubs
17 1 1 1 13 15.8 0.251 0.709 0.018 811. 302. -90.1 0.0210 0.47 0.20 3.68 239.0 10.0 284.9 2.0 0
0.00 60. 1008. 10 ADJ-A1 NoSubs
17 1 1 1 14 65.0 0.340 1.224 0.020 1015. 477. -54.5 0.0210 0.47 0.21 4.88 239.0 10.0 285.4 2.0 0
0.00 56. 1008. 3 ADJ-A1 NoSubs
17 1 1 1 15 37.9 0.321 1.045 0.020 1084. 436. -78.3 0.0180 0.47 0.24 4.80 253.0 10.0 285.4 2.0 0
0.00 54. 1008. 7 ADJ-A1 NoSubs
17 1 1 1 16 12.2 0.331 0.717 0.020 1084. 456. -265.6 0.0180 0.47 0.32 5.12 256.0 10.0 284.2 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
17 1 1 1 17 -24.7 0.298 -9.000 -9.000 -999. 391. 97.8 0.0180 0.47 0.55 4.92 264.0 10.0 282.5 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 1 1 1 18 -24.7 0.246 -9.000 -9.000 -999. 293. 66.3 0.0180 0.47 1.00 4.10 253.0 10.0 280.9 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
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0.00 72. 1009. 0 ADJ-A1 NoSubs
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0.00 82. 1010. 7 ADJ-A1 NoSubs
17 1 1 1 21 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.47 1.00 1.76 316.0 10.0 278.1 2.0 0
0.00 85. 1011. 3 ADJ-A1 NoSubs
17 1 1 1 22 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0270 0.47 1.00 1.28 347.0 10.0 278.1 2.0 0
0.00 92. 1011. 7 ADJ-A1 NoSubs
17 1 1 1 23 -10.8 0.134 -9.000 -9.000 -999. 118. 20.1 0.0230 0.47 1.00 2.23 325.0 10.0 277.5 2.0 11
0.30 92. 1011. 10 ADJ-A1 NoSubs
17 1 1 1 24 -2.9 0.071 -9.000 -9.000 -999. 47. 11.3 0.0270 0.47 1.00 1.11 335.0 10.0 278.1 2.0 0
0.00 92. 1010. 7 ADJ-A1 NoSubs
17 1 2 2 1 -3.4 0.076 -9.000 -9.000 -999. 50. 11.4 0.0230 0.47 1.00 1.26 327.0 10.0 278.1 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
17 1 2 2 2 -5.9 0.098 -9.000 -9.000 -999. 74. 14.5 0.0230 0.47 1.00 1.67 321.0 10.0 278.1 2.0 0
0.00 95. 1011. 10 ADJ-A1 NoSubs
17 1 2 2 3 -5.7 0.096 -9.000 -9.000 -999. 72. 14.2 0.0230 0.47 1.00 1.64 303.0 10.0 278.8 2.0 0
0.00 95. 1011. 10 ADJ-A1 NoSubs
17 1 2 2 4 -5.7 0.096 -9.000 -9.000 -999. 72. 14.2 0.0230 0.47 1.00 1.64 328.0 10.0 278.8 2.0 0
0.00 95. 1011. 10 ADJ-A1 NoSubs
17 1 2 2 5 -5.2 0.092 -9.000 -9.000 -999. 67. 13.6 0.0230 0.47 1.00 1.57 326.0 10.0 278.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 1 2 2 6 -7.2 0.109 -9.000 -9.000 -999. 86. 16.1 0.0230 0.47 1.00 1.84 311.0 10.0 279.2 2.0 11
0.80 96. 1011. 10 ADJ-A1 NoSubs
17 1 2 2 7 -2.9 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.47 1.00 1.13 28.0 10.0 279.2 2.0 11
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17 1 2 2 8 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.47 0.72 1.76 310.0 10.0 279.2 2.0 11

0.20 100. 1011. 10 ADJ-A1 NoSubs
17 1 2 2 9 -3.1 0.094 -9.000 -9.000 -999. 69. 24.2 0.0270 0.47 0.38 1.50 354.0 10.0 280.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
17 1 2 2 10 5.5 0.125 0.308 0.005 191. 106. -32.0 0.0240 0.47 0.26 1.70 49.0 10.0 280.9 2.0 0
0.00 88. 1012. 10 ADJ-A1 NoSubs
17 1 2 2 11 11.3 0.121 0.448 0.005 286. 100. -14.0 0.0200 0.47 0.22 1.59 76.0 10.0 280.4 2.0 11
2.00 92. 1012. 10 ADJ-A1 NoSubs
17 1 2 2 12 14.8 0.116 0.536 0.005 375. 95. -9.5 0.0240 0.47 0.20 1.42 57.0 10.0 281.4 2.0 11
0.80 92. 1012. 10 ADJ-A1 NoSubs
17 1 2 2 13 15.5 0.183 0.578 0.005 451. 189. -36.0 0.0280 0.47 0.20 2.44 127.0 10.0 282.5 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
17 1 2 2 14 53.3 0.250 0.953 0.005 587. 299. -26.3 0.0280 0.47 0.21 3.25 131.0 10.0 283.1 2.0 0
0.00 79. 1012. 7 ADJ-A1 NoSubs
17 1 2 2 15 8.2 0.222 0.514 0.005 596. 252. -121.4 0.0310 0.47 0.24 3.08 161.0 10.0 282.5 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
17 1 2 2 16 15.2 0.264 0.638 0.005 615. 325. -109.2 0.0310 0.47 0.32 3.64 153.0 10.0 282.5 2.0 0
0.00 86. 1012. 7 ADJ-A1 NoSubs
17 1 2 2 17 -14.6 0.166 -9.000 -9.000 -999. 166. 30.3 0.0280 0.47 0.55 2.62 133.0 10.0 282.5 2.0 0
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17 1 2 2 18 -10.7 0.133 -9.000 -9.000 -999. 117. 20.0 0.0200 0.47 1.00 2.27 80.0 10.0 282.0 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
17 1 2 2 19 -5.3 0.093 -9.000 -9.000 -999. 68. 13.6 0.0200 0.47 1.00 1.62 65.0 10.0 281.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 1 2 2 20 -9.6 0.126 -9.000 -9.000 -999. 108. 19.0 0.0230 0.47 1.00 2.11 93.0 10.0 280.9 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 1 2 2 21 -9.2 0.123 -9.000 -9.000 -999. 103. 18.2 0.0200 0.47 1.00 2.10 83.0 10.0 280.9 2.0 0
0.00 95. 1013. 7 ADJ-A1 NoSubs
17 1 2 2 22 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.47 1.00 1.47 354.0 10.0 280.9 2.0 0
0.00 95. 1013. 10 ADJ-A1 NoSubs
17 1 2 2 23 -3.4 0.076 -9.000 -9.000 -999. 51. 11.7 0.0270 0.47 1.00 1.23 352.0 10.0 280.9 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 1 2 2 24 -3.1 0.072 -9.000 -9.000 -999. 47. 11.1 0.0230 0.47 1.00 1.18 313.0 10.0 280.9 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
17 1 3 3 1 -11.0 0.135 -9.000 -9.000 -999. 120. 20.5 0.0230 0.47 1.00 2.25 115.0 10.0 281.4 2.0 11
0.30 100. 1014. 10 ADJ-A1 NoSubs
17 1 3 3 2 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.47 1.00 1.60 2.0 10.0 281.4 2.0 11
0.30 100. 1014. 10 ADJ-A1 NoSubs
17 1 3 3 3 -3.6 0.078 -9.000 -9.000 -999. 52. 11.9 0.0270 0.47 1.00 1.26 330.0 10.0 281.4 2.0 11
0.30 100. 1014. 10 ADJ-A1 NoSubs
17 1 3 3 4 -5.8 0.097 -9.000 -9.000 -999. 73. 14.4 0.0230 0.47 1.00 1.65 325.0 10.0 281.4 2.0 11
0.30 100. 1014. 10 ADJ-A1 NoSubs
17 1 3 3 5 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 1.00 1.48 341.0 10.0 281.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 1 3 3 6 -4.1 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.47 1.00 1.38 10.0 10.0 281.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 1 3 3 7 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.47 1.00 1.26 2.0 10.0 281.4 2.0 11
0.30 100. 1013. 10 ADJ-A1 NoSubs
17 1 3 3 8 -4.7 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 0.72 1.47 344.0 10.0 282.0 2.0 0
0.00 95. 1013. 10 ADJ-A1 NoSubs
17 1 3 3 9 -1.6 0.068 -9.000 -9.000 -999. 42. 18.0 0.0230 0.47 0.38 1.14 7.0 10.0 282.5 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 1 3 3 10 6.0 0.135 0.310 0.005 180. 119. -37.0 0.0200 0.47 0.26 1.91 70.0 10.0 283.8 2.0 0
0.00 85. 1013. 10 ADJ-A1 NoSubs
17 1 3 3 11 12.0 0.176 0.421 0.005 224. 177. -40.8 0.0200 0.47 0.22 2.50 83.0 10.0 284.2 2.0 0

0.00 79. 1012. 10 ADJ-A1 NoSubs
17 1 3 3 12 15.4 0.337 0.487 0.005 270. 469. -224.0 0.0280 0.47 0.20 4.83 121.0 10.0 284.9 2.0 0
0.00 76. 1012. 10 ADJ-A1 NoSubs
17 1 3 3 13 16.0 0.269 0.517 0.005 311. 337. -109.5 0.0280 0.47 0.20 3.78 122.0 10.0 285.4 2.0 11
0.30 80. 1010. 10 ADJ-A1 NoSubs
17 1 3 3 14 13.5 0.183 0.503 0.005 340. 191. -40.8 0.0280 0.47 0.21 2.45 131.0 10.0 283.8 2.0 11
1.50 100. 1010. 10 ADJ-A1 NoSubs
17 1 3 3 15 8.6 0.099 0.441 0.005 359. 78. -10.3 0.0180 0.47 0.24 1.30 267.0 10.0 284.2 2.0 11
2.80 100. 1010. 10 ADJ-A1 NoSubs
17 1 3 3 16 1.3 0.129 0.234 0.005 361. 111. -151.3 0.0230 0.47 0.32 1.89 13.0 10.0 283.8 2.0 11
1.00 100. 1009. 10 ADJ-A1 NoSubs
17 1 3 3 17 -4.9 0.094 -9.000 -9.000 -999. 69. 15.2 0.0270 0.47 0.54 1.55 346.0 10.0 284.2 2.0 11
1.80 100. 1009. 10 ADJ-A1 NoSubs
17 1 3 3 18 -3.9 0.080 -9.000 -9.000 -999. 54. 12.0 0.0230 0.47 1.00 1.35 90.0 10.0 284.2 2.0 11
3.80 100. 1010. 10 ADJ-A1 NoSubs
17 1 3 3 19 -9.0 0.123 -9.000 -9.000 -999. 103. 18.6 0.0240 0.47 1.00 2.04 55.0 10.0 284.2 2.0 11
4.30 100. 1009. 10 ADJ-A1 NoSubs
17 1 3 3 20 -7.8 0.114 -9.000 -9.000 -999. 93. 17.2 0.0240 0.47 1.00 1.91 37.0 10.0 284.2 2.0 11
4.60 100. 1010. 10 ADJ-A1 NoSubs
17 1 3 3 21 -25.7 0.259 -9.000 -9.000 -999. 317. 73.9 0.0230 0.47 1.00 4.15 117.0 10.0 284.9 2.0 11
1.50 100. 1009. 10 ADJ-A1 NoSubs
17 1 3 3 22 -12.4 0.145 -9.000 -9.000 -999. 140. 23.2 0.0230 0.47 1.00 2.40 91.0 10.0 284.2 2.0 11
3.80 100. 1009. 10 ADJ-A1 NoSubs
17 1 3 3 23 -8.5 0.119 -9.000 -9.000 -999. 98. 17.7 0.0200 0.47 1.00 2.04 65.0 10.0 284.9 2.0 11
4.10 100. 1009. 10 ADJ-A1 NoSubs
17 1 3 3 24 -24.0 0.242 -9.000 -9.000 -999. 286. 64.4 0.0280 0.47 1.00 3.76 122.0 10.0 284.9 2.0 11
8.90 100. 1009. 10 ADJ-A1 NoSubs
17 1 4 4 1 -41.7 0.421 -9.000 -9.000 -999. 656. 195.2 0.0280 0.47 1.00 6.40 146.0 10.0 285.4 2.0 11
0.50 96. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 2 -35.2 0.355 -9.000 -9.000 -999. 511. 138.7 0.0310 0.47 1.00 5.34 150.0 10.0 284.9 2.0 11
1.50 100. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 3 -27.2 0.274 -9.000 -9.000 -999. 349. 82.9 0.0310 0.47 1.00 4.17 160.0 10.0 284.9 2.0 11
4.60 100. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 4 -23.9 0.241 -9.000 -9.000 -999. 284. 63.9 0.0310 0.47 1.00 3.68 154.0 10.0 284.9 2.0 11
2.30 100. 1009. 10 ADJ-A1 NoSubs
17 1 4 4 5 -22.4 0.227 -9.000 -9.000 -999. 259. 56.5 0.0310 0.47 1.00 3.47 161.0 10.0 285.9 2.0 11
1.30 100. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 6 -39.7 0.402 -9.000 -9.000 -999. 613. 178.2 0.0310 0.47 1.00 6.02 179.0 10.0 286.4 2.0 11
2.50 100. 1009. 10 ADJ-A1 NoSubs
17 1 4 4 7 -31.0 0.314 -9.000 -9.000 -999. 428. 108.6 0.0170 0.47 1.00 5.24 193.0 10.0 286.4 2.0 11
1.50 100. 1009. 10 ADJ-A1 NoSubs
17 1 4 4 8 -24.5 0.249 -9.000 -9.000 -999. 300. 68.2 0.0170 0.47 0.72 4.19 182.0 10.0 286.4 2.0 11
4.80 100. 1009. 10 ADJ-A1 NoSubs
17 1 4 4 9 -6.4 0.269 -9.000 -9.000 -999. 335. 273.3 0.0310 0.47 0.38 3.98 169.0 10.0 285.9 2.0 11
0.70 100. 1010. 10 ADJ-A1 NoSubs
17 1 4 4 10 6.4 0.172 0.323 0.005 190. 176. -71.9 0.0280 0.47 0.26 2.38 149.0 10.0 285.9 2.0 11
1.80 100. 1010. 10 ADJ-A1 NoSubs
17 1 4 4 11 12.4 0.143 0.438 0.005 242. 129. -21.0 0.0310 0.47 0.22 1.79 158.0 10.0 286.4 2.0 11
1.00 100. 1010. 10 ADJ-A1 NoSubs
17 1 4 4 12 15.9 0.315 0.508 0.005 296. 424. -176.4 0.0170 0.47 0.20 4.88 195.0 10.0 287.0 2.0 11
0.30 100. 1009. 10 ADJ-A1 NoSubs
17 1 4 4 13 16.5 0.285 0.540 0.005 343. 365. -125.7 0.0170 0.47 0.20 4.37 199.0 10.0 287.0 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 14 14.2 0.283 0.532 0.005 379. 362. -143.8 0.0210 0.47 0.21 4.22 213.0 10.0 287.0 2.0 0

0.00 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 15 9.3 0.228 0.470 0.005 401. 262. -114.7 0.0170 0.47 0.24 3.49 209.0 10.0 287.0 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 16 2.0 0.229 0.285 0.005 405. 263. -528.9 0.0210 0.47 0.32 3.49 231.0 10.0 287.0 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 17 -17.3 0.206 -9.000 -9.000 -999. 225. 46.7 0.0210 0.47 0.54 3.37 237.0 10.0 285.9 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 18 -6.6 0.104 -9.000 -9.000 -999. 86. 15.5 0.0210 0.47 1.00 1.79 233.0 10.0 285.9 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 19 -7.1 0.108 -9.000 -9.000 -999. 85. 15.8 0.0170 0.47 1.00 1.91 200.0 10.0 285.9 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 20 -16.9 0.171 -9.000 -9.000 -999. 170. 32.3 0.0210 0.47 1.00 2.84 218.0 10.0 285.9 2.0 11
0.30 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 21 -19.8 0.201 -9.000 -9.000 -999. 216. 44.4 0.0210 0.47 1.00 3.30 224.0 10.0 285.9 2.0 0
0.00 999. 1007. 10 ADJ-A1 NoSubs
17 1 4 4 22 -24.8 0.250 -9.000 -9.000 -999. 300. 68.8 0.0180 0.47 1.00 4.17 243.0 10.0 284.9 2.0 11
0.50 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 23 -25.8 0.261 -9.000 -9.000 -999. 319. 74.7 0.0180 0.47 1.00 4.34 241.0 10.0 284.9 2.0 11
0.30 999. 1008. 10 ADJ-A1 NoSubs
17 1 4 4 24 -26.3 0.265 -9.000 -9.000 -999. 327. 77.3 0.0180 0.47 1.00 4.41 248.0 10.0 284.9 2.0 11
0.30 999. 1009. 10 ADJ-A1 NoSubs
17 1 5 5 1 -12.7 0.146 -9.000 -9.000 -999. 142. 23.5 0.0210 0.47 1.00 2.45 235.0 10.0 284.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 1 5 5 2 -1.9 0.062 -9.000 -9.000 -999. 42. 11.3 0.0240 0.47 1.00 0.86 35.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 1 5 5 3 -9.5 0.128 -9.000 -9.000 -999. 110. 19.7 0.0310 0.47 1.00 2.03 176.0 10.0 283.1 2.0 0
0.00 100. 1009. 7 ADJ-A1 NoSubs
17 1 5 5 4 -3.3 0.074 -9.000 -9.000 -999. 49. 11.4 0.0230 0.47 1.00 1.23 102.0 10.0 282.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 1 5 5 5 -4.7 0.087 -9.000 -9.000 -999. 62. 12.8 0.0200 0.47 1.00 1.52 64.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 1 5 5 6 -4.9 0.090 -9.000 -9.000 -999. 65. 13.4 0.0240 0.47 1.00 1.52 56.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 1 5 5 7 -11.3 0.137 -9.000 -9.000 -999. 122. 20.8 0.0200 0.47 1.00 2.33 78.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 1 5 5 8 -16.9 0.169 -9.000 -9.000 -999. 167. 31.5 0.0200 0.47 0.72 2.83 62.0 10.0 282.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 1 5 5 9 -3.6 0.112 -9.000 -9.000 -999. 91. 35.7 0.0230 0.47 0.38 1.82 23.0 10.0 282.5 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
17 1 5 5 10 30.5 0.178 0.734 0.009 467. 180. -16.7 0.0240 0.47 0.26 2.30 30.0 10.0 283.1 2.0 0
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17 1 5 5 11 49.2 0.164 0.882 0.008 502. 160. -8.1 0.0240 0.47 0.22 1.98 45.0 10.0 284.2 2.0 0
0.00 71. 1011. 7 ADJ-A1 NoSubs
17 1 5 5 12 70.6 0.199 1.024 0.008 549. 212. -10.0 0.0310 0.47 0.20 2.32 164.0 10.0 284.1 2.0 0
0.00 71. 1011. 5 ADJ-A1 NoSubs
17 1 5 5 13 72.9 0.184 1.070 0.007 607. 190. -7.7 0.0210 0.47 0.20 2.27 228.0 10.0 284.9 2.0 0
0.00 56. 1010. 5 ADJ-A1 NoSubs
17 1 5 5 14 64.7 0.164 1.071 0.007 684. 159. -6.1 0.0180 0.47 0.21 2.03 240.0 10.0 285.4 2.0 0
0.00 52. 1010. 5 ADJ-A1 NoSubs
17 1 5 5 15 39.3 0.180 0.913 0.007 697. 183. -13.3 0.0240 0.47 0.24 2.28 43.0 10.0 285.4 2.0 0
0.00 54. 1010. 7 ADJ-A1 NoSubs
17 1 5 5 16 14.3 0.237 0.653 0.007 702. 277. -84.1 0.0240 0.47 0.31 3.39 31.0 10.0 284.9 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
17 1 5 5 17 -11.6 0.151 -9.000 -9.000 -999. 143. 26.6 0.0270 0.47 0.53 2.40 360.0 10.0 282.5 2.0 0

0.00 55. 1011. 0 ADJ-A1 NoSubs
17 1 5 5 18 -6.3 0.102 -9.000 -9.000 -999. 79. 15.3 0.0270 0.47 1.00 1.69 347.0 10.0 280.9 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
17 1 5 5 19 -5.6 0.095 -9.000 -9.000 -999. 71. 14.0 0.0230 0.47 1.00 1.62 302.0 10.0 278.1 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
17 1 5 5 20 -1.8 0.061 -9.000 -9.000 -999. 36. 11.6 0.0230 0.47 1.00 0.80 306.0 10.0 277.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
17 1 5 5 21 -6.0 0.100 -9.000 -9.000 -999. 76. 14.8 0.0270 0.47 1.00 1.65 337.0 10.0 277.0 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
17 1 5 5 22 -4.9 0.089 -9.000 -9.000 -999. 64. 13.1 0.0230 0.47 1.00 1.52 315.0 10.0 277.0 2.0 0
0.00 81. 1013. 0 ADJ-A1 NoSubs
17 1 5 5 23 -9.7 0.126 -9.000 -9.000 -999. 108. 18.7 0.0230 0.47 1.00 2.11 315.0 10.0 274.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
17 1 5 5 24 -9.9 0.127 -9.000 -9.000 -999. 109. 19.0 0.0230 0.47 1.00 2.13 320.0 10.0 275.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
17 1 6 6 1 -5.8 0.097 -9.000 -9.000 -999. 73. 14.2 0.0230 0.47 1.00 1.65 318.0 10.0 274.2 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
17 1 6 6 2 -6.3 0.101 -9.000 -9.000 -999. 77. 14.8 0.0230 0.47 1.00 1.72 321.0 10.0 274.2 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
17 1 6 6 3 -5.7 0.097 -9.000 -9.000 -999. 72. 14.3 0.0270 0.47 1.00 1.60 339.0 10.0 273.8 2.0 0
0.00 91. 1013. 0 ADJ-A1 NoSubs
17 1 6 6 4 -5.2 0.092 -9.000 -9.000 -999. 67. 13.7 0.0270 0.47 1.00 1.53 349.0 10.0 274.2 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
17 1 6 6 5 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0270 0.47 1.00 1.38 354.0 10.0 273.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
17 1 6 6 6 -7.8 0.113 -9.000 -9.000 -999. 91. 16.8 0.0270 0.47 1.00 1.86 342.0 10.0 273.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
17 1 6 6 7 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0270 0.47 1.00 1.71 357.0 10.0 273.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
17 1 6 6 8 -6.4 0.102 -9.000 -9.000 -999. 78. 15.2 0.0270 0.47 0.72 1.69 331.0 10.0 274.2 2.0 0
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17 1 6 6 9 -0.0 0.071 -9.000 -9.000 -999. 46. 1499.9 0.0240 0.47 0.38 1.08 37.0 10.0 277.0 2.0 0
0.00 78. 1014. 0 ADJ-A1 NoSubs
17 1 6 6 10 31.5 0.206 0.445 0.006 101. 224. -25.0 0.0200 0.47 0.26 2.84 74.0 10.0 278.8 2.0 0
0.00 72. 1014. 0 ADJ-A1 NoSubs
17 1 6 6 11 55.8 0.145 0.844 0.007 390. 133. -4.9 0.0200 0.47 0.22 1.72 79.0 10.0 281.4 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
17 1 6 6 12 69.6 0.195 1.010 0.007 536. 207. -9.7 0.0230 0.47 0.20 2.42 97.0 10.0 283.1 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
17 1 6 6 13 72.2 0.287 1.039 0.006 562. 368. -29.4 0.0230 0.47 0.20 3.90 99.0 10.0 284.2 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
17 1 6 6 14 63.3 0.312 1.014 0.006 594. 417. -43.1 0.0230 0.47 0.21 4.34 106.0 10.0 284.2 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
17 1 6 6 15 43.8 0.248 0.912 0.005 624. 297. -31.3 0.0200 0.47 0.24 3.47 87.0 10.0 284.9 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
17 1 6 6 16 14.7 0.173 0.638 0.005 633. 175. -31.8 0.0230 0.47 0.31 2.37 100.0 10.0 284.2 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
17 1 6 6 17 -16.4 0.213 -9.000 -9.000 -999. 236. 53.3 0.0230 0.47 0.53 3.42 98.0 10.0 283.1 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
17 1 6 6 18 -16.7 0.168 -9.000 -9.000 -999. 166. 31.1 0.0200 0.47 1.00 2.81 78.0 10.0 282.5 2.0 0
0.00 63. 1011. 3 ADJ-A1 NoSubs
17 1 6 6 19 -4.1 0.082 -9.000 -9.000 -999. 60. 12.3 0.0240 0.47 1.00 1.38 44.0 10.0 282.0 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
17 1 6 6 20 -2.6 0.068 -9.000 -9.000 -999. 43. 10.8 0.0210 0.47 1.00 1.09 234.0 10.0 281.4 2.0 0

0.00 73. 1012. 5 ADJ-A1 NoSubs
17 1 6 6 21 -3.9 0.081 -9.000 -9.000 -999. 56. 12.3 0.0270 0.47 1.00 1.33 330.0 10.0 281.4 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
17 1 6 6 22 -3.4 0.076 -9.000 -9.000 -999. 51. 11.7 0.0270 0.47 1.00 1.23 348.0 10.0 280.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
17 1 6 6 23 -2.6 0.068 -9.000 -9.000 -999. 43. 11.2 0.0270 0.47 1.00 1.04 359.0 10.0 281.4 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
17 1 6 6 24 -6.1 0.101 -9.000 -9.000 -999. 77. 15.1 0.0270 0.47 1.00 1.67 337.0 10.0 281.4 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
17 1 7 7 1 -3.9 0.081 -9.000 -9.000 -999. 55. 12.2 0.0270 0.47 1.00 1.32 333.0 10.0 281.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
17 1 7 7 2 -10.6 0.134 -9.000 -9.000 -999. 117. 20.3 0.0240 0.47 1.00 2.21 42.0 10.0 281.4 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
17 1 7 7 3 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 1.00 1.48 343.0 10.0 281.4 2.0 11
0.80 89. 1009. 10 ADJ-A1 NoSubs
17 1 7 7 4 -6.7 0.106 -9.000 -9.000 -999. 82. 15.8 0.0270 0.47 1.00 1.74 351.0 10.0 281.4 2.0 11
1.30 96. 1009. 10 ADJ-A1 NoSubs
17 1 7 7 5 -16.7 0.169 -9.000 -9.000 -999. 166. 31.3 0.0230 0.47 1.00 2.76 24.0 10.0 282.0 2.0 11
2.00 100. 1008. 10 ADJ-A1 NoSubs
17 1 7 7 6 -23.1 0.231 -9.000 -9.000 -999. 266. 58.7 0.0240 0.47 1.00 3.69 59.0 10.0 282.0 2.0 11
2.80 100. 1009. 10 ADJ-A1 NoSubs
17 1 7 7 7 -5.4 0.094 -9.000 -9.000 -999. 85. 13.9 0.0230 0.47 1.00 1.60 7.0 10.0 282.0 2.0 11
6.90 100. 1009. 10 ADJ-A1 NoSubs
17 1 7 7 8 -5.1 0.092 -9.000 -9.000 -999. 67. 13.9 0.0270 0.47 0.72 1.53 346.0 10.0 282.5 2.0 11
4.10 100. 1009. 10 ADJ-A1 NoSubs
17 1 7 7 9 -3.3 0.115 -9.000 -9.000 -999. 94. 41.4 0.0270 0.47 0.38 1.81 331.0 10.0 283.8 2.0 11
1.80 100. 1010. 10 ADJ-A1 NoSubs
17 1 7 7 10 6.2 0.127 -9.000 -9.000 -999. 109. -29.9 0.0180 0.47 0.26 1.81 288.0 10.0 284.2 2.0 11
0.50 100. 1010. 10 ADJ-A1 NoSubs
17 1 7 7 11 12.3 0.114 -9.000 -9.000 -999. 92. -10.8 0.0270 0.47 0.22 1.38 342.0 10.0 284.9 2.0 11
4.10 100. 1011. 10 ADJ-A1 NoSubs
17 1 7 7 12 15.9 0.129 -9.000 -9.000 -999. 111. -12.1 0.0200 0.47 0.20 1.68 84.0 10.0 285.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 1 7 7 13 16.5 0.141 -9.000 -9.000 -999. 127. -15.2 0.0230 0.47 0.20 1.82 314.0 10.0 285.9 2.0 11
0.30 100. 1009. 10 ADJ-A1 NoSubs
17 1 7 7 14 14.6 0.228 -9.000 -9.000 -999. 262. -73.5 0.0170 0.47 0.21 3.44 183.0 10.0 287.0 2.0 11
0.30 92. 1010. 10 ADJ-A1 NoSubs
17 1 7 7 15 9.5 0.145 -9.000 -9.000 -999. 135. -28.9 0.0240 0.47 0.23 1.96 44.0 10.0 286.4 2.0 11
0.50 100. 1010. 10 ADJ-A1 NoSubs
17 1 7 7 16 2.3 0.110 -9.000 -9.000 -999. 88. -51.8 0.0230 0.47 0.31 1.55 11.0 10.0 286.4 2.0 0
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17 1 7 7 17 -5.3 0.100 -9.000 -9.000 -999. 76. 16.7 0.0270 0.47 0.52 1.64 330.0 10.0 285.9 2.0 11
1.30 100. 1011. 10 ADJ-A1 NoSubs
17 1 7 7 18 -5.4 0.094 -9.000 -9.000 -999. 69. 14.0 0.0230 0.47 1.00 1.60 2.0 10.0 285.9 2.0 11
1.30 100. 1011. 10 ADJ-A1 NoSubs
17 1 7 7 19 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0230 0.47 1.00 1.81 316.0 10.0 285.9 2.0 11
0.30 100. 1012. 10 ADJ-A1 NoSubs
17 1 7 7 20 -7.2 0.109 -9.000 -9.000 -999. 86. 16.0 0.0180 0.47 1.00 1.91 287.0 10.0 285.9 2.0 11
4.30 100. 1012. 10 ADJ-A1 NoSubs
17 1 7 7 21 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0230 0.47 1.00 1.67 116.0 10.0 286.4 2.0 11
5.10 100. 1013. 10 ADJ-A1 NoSubs
17 1 7 7 22 -6.2 0.102 -9.000 -9.000 -999. 78. 15.2 0.0240 0.47 1.00 1.71 49.0 10.0 286.4 2.0 11
4.10 100. 1012. 10 ADJ-A1 NoSubs
17 1 7 7 23 -4.0 0.082 -9.000 -9.000 -999. 56. 12.3 0.0240 0.47 1.00 1.37 56.0 10.0 285.9 2.0 11

2.30 100. 1012. 10 ADJ-A1 NoSubs
17 1 7 7 24 -5.0 0.091 -9.000 -9.000 -999. 65. 13.5 0.0230 0.47 1.00 1.54 1.0 10.0 285.9 2.0 11
1.00 100. 1012. 10 ADJ-A1 NoSubs
17 1 8 8 1 -5.5 0.096 -9.000 -9.000 -999. 71. 14.5 0.0270 0.47 1.00 1.59 336.0 10.0 285.9 2.0 11
4.60 100. 1012. 10 ADJ-A1 NoSubs
17 1 8 8 2 -5.2 0.092 -9.000 -9.000 -999. 67. 13.8 0.0230 0.47 1.00 1.57 24.0 10.0 286.4 2.0 11
5.60 100. 1011. 10 ADJ-A1 NoSubs
17 1 8 8 3 -16.0 0.165 -9.000 -9.000 -999. 161. 29.9 0.0200 0.47 1.00 2.76 81.0 10.0 286.4 2.0 11
0.80 100. 1010. 10 ADJ-A1 NoSubs
17 1 8 8 4 -22.5 0.229 -9.000 -9.000 -999. 264. 57.9 0.0230 0.47 1.00 3.69 99.0 10.0 287.5 2.0 11
0.30 83. 1009. 10 ADJ-A1 NoSubs
17 1 8 8 5 -33.5 0.342 -9.000 -9.000 -999. 479. 128.4 0.0230 0.47 1.00 5.41 115.0 10.0 288.1 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
17 1 8 8 6 -23.4 0.238 -9.000 -9.000 -999. 285. 62.5 0.0230 0.47 1.00 3.83 97.0 10.0 287.5 2.0 11
0.30 83. 1008. 7 ADJ-A1 NoSubs
17 1 8 8 7 -36.9 0.378 -9.000 -9.000 -999. 558. 157.3 0.0280 0.47 1.00 5.77 128.0 10.0 289.2 2.0 0
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17 1 8 8 8 -34.3 0.352 -9.000 -9.000 -999. 502. 136.5 0.0280 0.47 0.72 5.39 130.0 10.0 288.8 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
17 1 8 8 9 -4.1 0.356 -9.000 -9.000 -999. 509. 991.5 0.0280 0.47 0.37 5.26 139.0 10.0 289.2 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
17 1 8 8 10 7.2 0.221 0.394 0.005 306. 261. -135.7 0.0280 0.47 0.26 3.13 141.0 10.0 288.8 2.0 11
0.30 83. 1010. 10 ADJ-A1 NoSubs
17 1 8 8 11 12.9 0.120 0.497 0.006 341. 106. -12.0 0.0230 0.47 0.22 1.52 311.0 10.0 287.5 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
17 1 8 8 12 16.2 0.160 0.556 0.006 381. 154. -22.8 0.0270 0.47 0.20 2.08 357.0 10.0 287.0 2.0 11
8.60 100. 1009. 10 ADJ-A1 NoSubs
17 1 8 8 13 17.0 0.188 0.583 0.006 419. 196. -35.3 0.0200 0.47 0.20 2.66 79.0 10.0 287.5 2.0 11
4.80 96. 1008. 10 ADJ-A1 NoSubs
17 1 8 8 14 14.8 0.091 0.570 0.006 449. 70. -4.5 0.0230 0.47 0.21 1.03 106.0 10.0 287.5 2.0 11
2.80 100. 1008. 10 ADJ-A1 NoSubs
17 1 8 8 15 9.9 0.254 0.506 0.006 468. 308. -149.1 0.0280 0.47 0.23 3.61 143.0 10.0 287.5 2.0 11
8.10 100. 1007. 10 ADJ-A1 NoSubs
17 1 8 8 16 2.7 0.338 0.329 0.006 473. 471. -1280.5 0.0280 0.47 0.31 4.94 149.0 10.0 287.5 2.0 11
1.80 96. 1007. 10 ADJ-A1 NoSubs
17 1 8 8 17 -20.1 0.257 -9.000 -9.000 -999. 316. 76.0 0.0310 0.47 0.52 3.90 152.0 10.0 287.5 2.0 11
0.50 96. 1007. 10 ADJ-A1 NoSubs
17 1 8 8 18 -19.9 0.203 -9.000 -9.000 -999. 220. 45.2 0.0310 0.47 1.00 3.12 150.0 10.0 287.0 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 1 8 8 19 -18.8 0.191 -9.000 -9.000 -999. 201. 40.2 0.0310 0.47 1.00 2.95 159.0 10.0 287.0 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
17 1 8 8 20 -23.8 0.242 -9.000 -9.000 -999. 285. 64.2 0.0310 0.47 1.00 3.69 161.0 10.0 287.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 1 8 8 21 -34.4 0.350 -9.000 -9.000 -999. 498. 135.0 0.0310 0.47 1.00 5.27 169.0 10.0 287.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 1 8 8 22 -41.8 0.426 -9.000 -9.000 -999. 666. 199.2 0.0310 0.47 1.00 6.35 174.0 10.0 287.5 2.0 11
0.30 100. 1009. 10 ADJ-A1 NoSubs
17 1 8 8 23 -37.3 0.380 -9.000 -9.000 -999. 564. 159.0 0.0310 0.47 1.00 5.70 179.0 10.0 287.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 1 8 8 24 -40.5 0.412 -9.000 -9.000 -999. 634. 186.6 0.0170 0.47 1.00 6.79 180.0 10.0 287.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 1 9 9 1 -42.7 0.434 -9.000 -9.000 -999. 686. 207.2 0.0170 0.47 1.00 7.14 185.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 1 9 9 2 -38.6 0.392 -9.000 -9.000 -999. 591. 169.2 0.0170 0.47 1.00 6.48 187.0 10.0 287.0 2.0 11

4.30 100. 1009. 10 ADJ-A1 NoSubs
17 1 9 9 3 -35.0 0.355 -9.000 -9.000 -999. 508. 138.3 0.0210 0.47 1.00 5.69 227.0 10.0 286.4 2.0 11
2.80 100. 1010. 10 ADJ-A1 NoSubs
17 1 9 9 4 -23.1 0.233 -9.000 -9.000 -999. 279. 60.0 0.0210 0.47 1.00 3.81 225.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 1 9 9 5 -25.7 0.260 -9.000 -9.000 -999. 318. 74.2 0.0210 0.47 1.00 4.22 227.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 1 9 9 6 -24.2 0.244 -9.000 -9.000 -999. 289. 65.3 0.0210 0.47 1.00 3.97 236.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 1 9 9 7 -23.8 0.239 -9.000 -9.000 -999. 281. 63.0 0.0180 0.47 1.00 4.00 242.0 10.0 284.2 2.0 0
0.00 92. 1011. 5 ADJ-A1 NoSubs
17 1 9 9 8 -14.5 0.157 -9.000 -9.000 -999. 151. 27.0 0.0210 0.47 0.72 2.61 214.0 10.0 283.8 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 1 9 9 9 6.7 0.094 0.405 0.005 355. 70. -11.1 0.0270 0.47 0.37 1.14 330.0 10.0 284.9 2.0 0
0.00 96. 1014. 7 ADJ-A1 NoSubs
17 1 9 9 10 6.6 0.106 0.409 0.005 373. 82. -16.1 0.0270 0.47 0.26 1.33 349.0 10.0 285.9 2.0 0
0.00 89. 1015. 10 ADJ-A1 NoSubs
17 1 9 9 11 12.7 0.226 0.521 0.005 404. 258. -82.4 0.0210 0.47 0.22 3.30 210.0 10.0 285.9 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
17 1 9 9 12 16.3 0.261 0.584 0.005 441. 319. -97.9 0.0170 0.47 0.20 3.97 202.0 10.0 287.0 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
17 1 9 9 13 16.9 0.297 0.611 0.005 489. 389. -140.6 0.0170 0.47 0.20 4.58 206.0 10.0 286.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
17 1 9 9 14 66.8 0.384 1.061 0.005 648. 570. -76.5 0.0170 0.47 0.21 5.79 193.0 10.0 286.4 2.0 0
0.00 77. 1013. 5 ADJ-A1 NoSubs
17 1 9 9 15 45.6 0.416 0.975 0.005 736. 643. -142.5 0.0170 0.47 0.23 6.41 187.0 10.0 285.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
17 1 9 9 16 18.7 0.318 0.735 0.005 769. 437. -156.3 0.0170 0.47 0.30 4.92 186.0 10.0 285.4 2.0 0
0.00 89. 1013. 7 ADJ-A1 NoSubs
17 1 9 9 17 -20.8 0.261 -9.000 -9.000 -999. 321. 77.0 0.0170 0.47 0.51 4.36 189.0 10.0 285.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
17 1 9 9 18 -20.9 0.210 -9.000 -9.000 -999. 232. 48.5 0.0170 0.47 1.00 3.56 200.0 10.0 285.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
17 1 9 9 19 -21.6 0.218 -9.000 -9.000 -999. 244. 52.3 0.0170 0.47 1.00 3.69 204.0 10.0 285.9 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
17 1 9 9 20 -22.6 0.227 -9.000 -9.000 -999. 260. 56.7 0.0210 0.47 1.00 3.71 213.0 10.0 285.4 2.0 11
0.30 92. 1014. 10 ADJ-A1 NoSubs
17 1 9 9 21 -16.6 0.167 -9.000 -9.000 -999. 164. 30.6 0.0170 0.47 1.00 2.86 189.0 10.0 284.2 2.0 11
2.50 100. 1014. 10 ADJ-SFC NoSubs
17 1 9 9 22 -17.5 0.175 -9.000 -9.000 -999. 176. 33.8 0.0230 0.47 1.00 2.86 110.0 10.0 284.9 2.0 0
0.00 100. 1013. 10 ADJ-SFC NoSubs
17 1 9 9 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 284.2 2.0 0
0.00 100. 1013. 10 ADJ-SFC NoSubs
17 1 9 9 24 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 25.0 10.0 284.2 2.0 0
0.00 100. 1013. 10 ADJ-SFC NoSubs
17 1 10 10 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 284.9 2.0 0
0.00 96. 1013. 10 ADJ-SFC NoSubs
17 1 10 10 2 -7.1 0.110 -9.000 -9.000 -999. 87. 16.8 0.0310 0.47 1.00 1.76 153.0 10.0 284.9 2.0 0
0.00 96. 1013. 10 ADJ-SFC NoSubs
17 1 10 10 3 -18.4 0.185 -9.000 -9.000 -999. 191. 37.6 0.0310 0.47 1.00 2.86 150.0 10.0 284.9 2.0 11
0.30 96. 1012. 10 ADJ-SFC NoSubs
17 1 10 10 4 -13.0 0.151 -9.000 -9.000 -999. 140. 24.9 0.0310 0.47 1.00 2.36 165.0 10.0 284.9 2.0 11
0.30 96. 1012. 10 ADJ-SFC NoSubs
17 1 10 10 5 -24.7 0.249 -9.000 -9.000 -999. 298. 68.0 0.0280 0.47 1.00 3.86 138.0 10.0 284.9 2.0 11

0.80 96. 1011. 10 ADJ-SFC NoSubs
17 1 10 10 6 -31.9 0.322 -9.000 -9.000 -999. 438. 114.0 0.0310 0.47 1.00 4.86 175.0 10.0 285.4 2.0 11
0.30 96. 1010. 10 ADJ-SFC NoSubs
17 1 10 10 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 285.6 2.0
9999 -9.00 999. 1007. 10 NAD Sub_CC-TT
17 1 10 10 8 -22.5 0.229 -9.000 -9.000 -999. 262. 57.5 0.0170 0.47 0.72 3.86 184.0 10.0 285.9 2.0 0
0.00 96. 1011. 10 ADJ-SFC NoSubs
17 1 10 10 9 -6.3 0.291 -9.000 -9.000 -999. 377. 352.5 0.0280 0.47 0.37 4.36 146.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-SFC NoSubs
17 1 10 10 10 6.8 0.273 0.331 0.005 192. 343. -270.6 0.0310 0.47 0.26 3.86 172.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-SFC NoSubs
17 1 10 10 11 13.0 0.486 0.456 0.005 262. 812. -795.6 0.0310 0.47 0.21 6.96 171.0 10.0 287.0 2.0 0
0.00 92. 1011. 10 ADJ-SFC NoSubs
17 1 10 10 12 16.6 0.571 0.534 0.005 331. 1035. -1015.0 0.0170 0.47 0.20 9.06 193.0 10.0 287.5 2.0 0
0.00 93. 1010. 10 ADJ-SFC NoSubs
17 1 10 10 13 17.1 0.473 0.570 0.005 389. 789. -554.6 0.0170 0.47 0.20 7.46 185.0 10.0 287.0 2.0 11
1.30 100. 1008. 10 ADJ-SFC NoSubs
17 1 10 10 14 14.8 0.589 0.564 0.005 433. 1083. -1234.7 0.0310 0.47 0.21 8.46 176.0 10.0 286.4 2.0
11 1.30 100. 1007. 10 ADJ-SFC NoSubs
17 1 10 10 15 10.1 0.533 0.507 0.005 461. 938. -1342.9 0.0170 0.47 0.23 8.46 186.0 10.0 287.0 2.0 11
1.80 100. 1007. 10 ADJ-SFC NoSubs
17 1 10 10 16 2.8 0.586 0.331 0.005 468. 1076. -6525.6 0.0310 0.47 0.30 8.46 168.0 10.0 286.4 2.0 11
3.00 100. 1006. 10 ADJ-SFC NoSubs
17 1 10 10 17 -41.5 0.541 -9.000 -9.000 -999. 958. 341.9 0.0310 0.47 0.51 7.96 168.0 10.0 286.4 2.0 11
3.00 100. 1005. 10 ADJ-SFC NoSubs
17 1 10 10 18 -45.9 0.468 -9.000 -9.000 -999. 775. 241.2 0.0310 0.47 1.00 6.96 177.0 10.0 286.4 2.0 11
0.30 100. 1004. 10 ADJ-SFC NoSubs
17 1 10 10 19 -63.9 0.653 -9.000 -9.000 -999. 1266. 469.5 0.0310 0.47 1.00 9.59 172.0 10.0 287.0 2.0
11 0.30 100. 1004. 10 ADJ-A1 NoSubs
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11 2.50 100. 1003. 10 ADJ-A1 NoSubs
17 1 10 10 21 -64.0 0.748 -9.000 -9.000 -999. 1548. 615.3 0.0170 0.47 1.00 12.06 199.0 10.0 285.4 2.0
11 5.60 96. 1004. 10 ADJ-A1 NoSubs
17 1 10 10 22 -25.8 0.261 -9.000 -9.000 -999. 685. 74.9 0.0210 0.47 1.00 4.24 227.0 10.0 284.9 2.0 11
1.30 100. 1005. 10 ADJ-A1 NoSubs
17 1 10 10 23 -9.1 0.122 -9.000 -9.000 -999. 263. 18.1 0.0170 0.47 1.00 2.15 195.0 10.0 284.9 2.0 11
0.50 100. 1005. 10 ADJ-A1 NoSubs
17 1 10 10 24 -23.1 0.235 -9.000 -9.000 -999. 274. 60.9 0.0170 0.47 1.00 3.97 203.0 10.0 285.9 2.0 0
0.00 100. 1005. 10 ADJ-A1 NoSubs
17 1 11 11 1 -34.9 0.355 -9.000 -9.000 -999. 508. 138.6 0.0170 0.47 1.00 5.89 197.0 10.0 285.9 2.0 0
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17 1 11 11 2 -30.8 0.312 -9.000 -9.000 -999. 420. 107.4 0.0210 0.47 1.00 5.04 226.0 10.0 285.4 2.0 0
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17 1 11 11 3 -26.4 0.267 -9.000 -9.000 -999. 333. 78.6 0.0210 0.47 1.00 4.34 213.0 10.0 285.4 2.0 0
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17 1 11 11 4 -32.1 0.324 -9.000 -9.000 -999. 443. 115.5 0.0210 0.47 1.00 5.22 219.0 10.0 284.2 2.0 0
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0.30 92. 1007. 7 ADJ-A1 NoSubs
17 1 11 11 9 6.8 0.293 0.425 0.005 403. 380. -329.5 0.0210 0.47 0.37 4.44 228.0 10.0 284.2 2.0 0
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17 1 11 11 10 6.6 0.291 0.470 0.005 561. 378. -335.8 0.0210 0.47 0.26 4.42 229.0 10.0 285.4 2.0 0
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17 1 11 11 11 50.8 0.330 1.005 0.005 720. 455. -63.9 0.0210 0.47 0.21 4.77 233.0 10.0 285.4 2.0 0
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17 1 11 11 12 75.4 0.302 1.207 0.005 839. 398. -32.7 0.0210 0.47 0.20 4.20 220.0 10.0 285.4 2.0 0
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17 1 11 11 13 78.2 0.300 1.282 0.005 970. 395. -31.1 0.0210 0.47 0.20 4.17 229.0 10.0 285.9 2.0 0
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17 1 11 11 14 67.6 0.300 1.273 0.005 1098. 394. -35.8 0.0210 0.47 0.21 4.20 226.0 10.0 285.4 2.0 0
0.00 74. 1008. 5 ADJ-A1 NoSubs
17 1 11 11 15 46.7 0.259 1.152 0.005 1177. 317. -33.4 0.0210 0.47 0.23 3.61 220.0 10.0 284.9 2.0 0
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17 1 11 11 16 17.8 0.223 0.841 0.005 1206. 253. -56.0 0.0210 0.47 0.30 3.20 225.0 10.0 284.2 2.0 0
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17 1 11 11 17 -8.8 0.134 -9.000 -9.000 -999. 121. 24.7 0.0210 0.47 0.50 2.23 233.0 10.0 283.1 2.0 0
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17 1 11 11 18 -3.7 0.078 -9.000 -9.000 -999. 53. 11.4 0.0170 0.47 1.00 1.37 207.0 10.0 283.1 2.0 0
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17 1 11 11 19 -4.3 0.084 -9.000 -9.000 -999. 58. 12.2 0.0180 0.47 1.00 1.48 270.0 10.0 282.5 2.0 0
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17 1 11 11 20 -8.4 0.118 -9.000 -9.000 -999. 98. 17.7 0.0230 0.47 1.00 1.99 320.0 10.0 281.4 2.0 0
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17 1 11 11 21 -3.3 0.074 -9.000 -9.000 -999. 49. 11.3 0.0230 0.47 1.00 1.23 323.0 10.0 281.4 2.0 0
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17 1 11 11 22 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.47 1.00 1.55 316.0 10.0 280.9 2.0 0
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17 1 11 11 23 -5.5 0.096 -9.000 -9.000 -999. 71. 14.4 0.0270 0.47 1.00 1.59 332.0 10.0 280.9 2.0 0
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17 1 11 11 24 -6.2 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.47 1.00 1.72 310.0 10.0 280.9 2.0 0
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17 1 12 12 2 -8.9 0.122 -9.000 -9.000 -999. 103. 18.4 0.0230 0.47 1.00 2.05 315.0 10.0 281.4 2.0 11
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17 1 12 12 3 -5.7 0.096 -9.000 -9.000 -999. 72. 14.0 0.0180 0.47 1.00 1.70 276.0 10.0 281.4 2.0 11
8.10 100. 1006. 10 ADJ-A1 NoSubs
17 1 12 12 4 -19.1 0.190 -9.000 -9.000 -999. 199. 39.8 0.0270 0.47 1.00 3.01 345.0 10.0 280.4 2.0 11
3.00 92. 1005. 10 ADJ-A1 NoSubs
17 1 12 12 5 -4.9 0.090 -9.000 -9.000 -999. 70. 13.3 0.0230 0.47 1.00 1.53 315.0 10.0 279.9 2.0 0
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17 1 12 12 6 -6.6 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.47 1.00 1.77 304.0 10.0 279.9 2.0 0
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17 1 12 12 7 -8.3 0.118 -9.000 -9.000 -999. 97. 17.6 0.0230 0.47 1.00 1.98 309.0 10.0 280.4 2.0 11
0.30 96. 1006. 10 ADJ-A1 NoSubs
17 1 12 12 8 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.47 0.72 1.13 292.0 10.0 280.4 2.0 11
0.30 100. 1006. 10 ADJ-A1 NoSubs
17 1 12 12 9 1.3 0.078 0.184 0.005 170. 52. -32.7 0.0270 0.47 0.37 1.04 349.0 10.0 281.4 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
17 1 12 12 10 37.5 0.145 0.794 0.005 480. 133. -7.3 0.0310 0.47 0.26 1.64 169.0 10.0 283.1 2.0 0
0.00 89. 1008. 3 ADJ-A1 NoSubs
17 1 12 12 11 58.1 0.222 0.999 0.005 617. 251. -16.9 0.0210 0.47 0.21 2.95 215.0 10.0 283.8 2.0 0

0.00 79. 1008. 0 ADJ-A1 NoSubs
17 1 12 12 12 75.6 0.249 1.180 0.005 782. 298. -18.3 0.0180 0.47 0.20 3.42 243.0 10.0 284.2 2.0 0
0.00 68. 1008. 3 ADJ-A1 NoSubs
17 1 12 12 13 78.6 0.323 1.289 0.005 980. 439. -38.3 0.0180 0.47 0.20 4.66 242.0 10.0 285.4 2.0 0
0.00 63. 1007. 3 ADJ-A1 NoSubs
17 1 12 12 14 68.2 0.361 1.251 0.005 1033. 521. -62.1 0.0210 0.47 0.20 5.21 231.0 10.0 285.4 2.0 0
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17 1 12 12 15 10.0 0.247 0.662 0.005 1041. 301. -134.8 0.0180 0.47 0.23 3.76 255.0 10.0 284.9 2.0 0
0.00 63. 1007. 10 ADJ-A1 NoSubs
17 1 12 12 16 23.3 0.196 0.882 0.005 1058. 209. -29.1 0.0270 0.47 0.30 2.59 341.0 10.0 284.9 2.0 0
0.00 68. 1008. 5 ADJ-A1 NoSubs
17 1 12 12 17 -5.6 0.119 -9.000 -9.000 -999. 100. 26.9 0.0240 0.47 0.50 1.93 48.0 10.0 283.1 2.0 0
0.00 76. 1008. 7 ADJ-A1 NoSubs
17 1 12 12 18 -2.6 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.47 1.00 1.06 308.0 10.0 282.0 2.0 0
0.00 76. 1009. 5 ADJ-A1 NoSubs
17 1 12 12 19 -4.1 0.083 -9.000 -9.000 -999. 58. 12.6 0.0270 0.47 1.00 1.37 330.0 10.0 281.4 2.0 0
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17 1 12 12 20 -2.7 0.069 -9.000 -9.000 -999. 43. 10.9 0.0230 0.47 1.00 1.09 300.0 10.0 280.9 2.0 0
0.00 88. 1010. 10 ADJ-A1 NoSubs
17 1 12 12 21 -3.6 0.078 -9.000 -9.000 -999. 52. 11.9 0.0270 0.47 1.00 1.26 334.0 10.0 280.9 2.0 0
0.00 88. 1011. 10 ADJ-A1 NoSubs
17 1 12 12 22 -5.3 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.47 1.00 1.59 317.0 10.0 279.9 2.0 0
0.00 92. 1011. 5 ADJ-A1 NoSubs
17 1 12 12 23 -6.7 0.104 -9.000 -9.000 -999. 81. 15.4 0.0230 0.47 1.00 1.77 308.0 10.0 278.8 2.0 0
0.00 100. 1011. 3 ADJ-A1 NoSubs
17 1 12 12 24 -11.2 0.137 -9.000 -9.000 -999. 121. 20.6 0.0230 0.47 1.00 2.27 308.0 10.0 278.1 2.0 0
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17 1 13 13 1 -8.1 0.115 -9.000 -9.000 -999. 94. 17.1 0.0230 0.47 1.00 1.94 312.0 10.0 277.5 2.0 0
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17 1 13 13 3 -11.5 0.139 -9.000 -9.000 -999. 124. 21.1 0.0230 0.47 1.00 2.30 301.0 10.0 277.0 2.0 0
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17 1 13 13 4 -11.8 0.140 -9.000 -9.000 -999. 126. 21.5 0.0230 0.47 1.00 2.32 311.0 10.0 276.4 2.0 0
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17 1 13 13 5 -6.5 0.103 -9.000 -9.000 -999. 79. 15.0 0.0230 0.47 1.00 1.74 323.0 10.0 275.9 2.0 0
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17 1 13 13 6 -3.2 0.073 -9.000 -9.000 -999. 47. 10.9 0.0180 0.47 1.00 1.25 299.0 10.0 275.4 2.0 0
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17 1 13 13 7 -4.4 0.085 -9.000 -9.000 -999. 59. 12.7 0.0270 0.47 1.00 1.40 347.0 10.0 275.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 1 13 13 8 -5.7 0.096 -9.000 -9.000 -999. 72. 14.2 0.0230 0.47 0.71 1.64 313.0 10.0 275.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 1 13 13 9 1.2 0.092 0.126 0.005 59. 67. -58.3 0.0230 0.47 0.37 1.31 316.0 10.0 279.2 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
17 1 13 13 10 33.6 0.117 0.552 0.005 181. 96. -4.4 0.0200 0.47 0.25 1.37 67.0 10.0 281.4 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
17 1 13 13 11 58.4 0.129 0.879 0.005 422. 112. -3.3 0.0280 0.47 0.21 1.35 126.0 10.0 283.1 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
17 1 13 13 12 72.7 0.144 1.067 0.005 605. 131. -3.7 0.0280 0.47 0.20 1.53 149.0 10.0 284.2 2.0 0
0.00 68. 1016. 0 ADJ-A1 NoSubs
17 1 13 13 13 75.8 0.141 1.180 0.005 786. 127. -3.3 0.0280 0.47 0.20 1.47 123.0 10.0 285.4 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
17 1 13 13 14 67.6 0.177 1.214 0.005 960. 179. -7.5 0.0170 0.47 0.20 2.27 199.0 10.0 285.9 2.0 0

0.00 66. 1015. 0 ADJ-A1 NoSubs
17 1 13 13 15 48.1 0.239 1.109 0.005 1027. 280. -25.5 0.0210 0.47 0.23 3.27 237.0 10.0 285.4 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
17 1 13 13 16 19.3 0.127 0.821 0.005 1037. 115. -9.6 0.0210 0.47 0.30 1.60 218.0 10.0 285.4 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
17 1 13 13 17 -7.1 0.120 -9.000 -9.000 -999. 100. 22.3 0.0170 0.47 0.49 2.08 198.0 10.0 283.1 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
17 1 13 13 18 -6.7 0.103 -9.000 -9.000 -999. 80. 15.0 0.0170 0.47 1.00 1.84 204.0 10.0 282.0 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
17 1 13 13 19 -9.3 0.124 -9.000 -9.000 -999. 105. 18.6 0.0230 0.47 1.00 2.08 320.0 10.0 280.4 2.0 0
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17 1 13 13 20 -10.3 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.47 1.00 2.18 313.0 10.0 279.2 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 1 13 13 21 -15.1 0.160 -9.000 -9.000 -999. 153. 28.0 0.0230 0.47 1.00 2.62 307.0 10.0 279.2 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
17 1 13 13 22 -11.9 0.141 -9.000 -9.000 -999. 127. 21.7 0.0230 0.47 1.00 2.33 314.0 10.0 278.8 2.0 0
0.00 95. 1017. 0 ADJ-A1 NoSubs
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17 1 13 13 24 -7.7 0.112 -9.000 -9.000 -999. 90. 16.6 0.0230 0.47 1.00 1.89 327.0 10.0 278.1 2.0 0
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17 1 14 14 1 -7.6 0.111 -9.000 -9.000 -999. 89. 16.5 0.0230 0.47 1.00 1.88 307.0 10.0 278.1 2.0 0
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17 1 14 14 2 -6.9 0.107 -9.000 -9.000 -999. 84. 15.9 0.0270 0.47 1.00 1.76 333.0 10.0 277.5 2.0 0
0.00 96. 1017. 0 ADJ-SFC NoSubs
17 1 14 14 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 277.5 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
17 1 14 14 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 275.9 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
17 1 14 14 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 275.9 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
17 1 14 14 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 275.9 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
17 1 14 14 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 275.4 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
17 1 14 14 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.71 0.00 0.0 10.0 275.9 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
17 1 14 14 9 1.5 -9.000 -9.000 -9.000 18. -999. -99999.0 0.0228 0.47 0.37 0.00 0.0 10.0 279.2 2.0 0
0.00 88. 1017. 0 ADJ-SFC NoSubs
17 1 14 14 10 34.0 -9.000 -9.000 -9.000 133. -999. -99999.0 0.0228 0.47 0.25 0.00 0.0 10.0 282.0 2.0 0
0.00 79. 1018. 0 ADJ-SFC NoSubs
17 1 14 14 11 59.1 0.107 0.701 0.008 211. 84. -1.9 0.0230 0.47 0.21 1.07 100.0 10.0 284.9 2.0 0
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17 1 14 14 12 73.6 0.127 0.796 0.006 249. 109. -2.5 0.0280 0.47 0.20 1.28 129.0 10.0 286.4 2.0 0
0.00 54. 1016. 0 ADJ-A1 NoSubs
17 1 14 14 13 76.8 0.140 0.856 0.005 296. 125. -3.2 0.0310 0.47 0.20 1.42 156.0 10.0 287.5 2.0 0
0.00 55. 1015. 0 ADJ-A1 NoSubs
17 1 14 14 14 68.7 0.184 0.959 0.005 464. 189. -8.1 0.0170 0.47 0.20 2.37 188.0 10.0 288.1 2.0 0
0.00 59. 1014. 0 ADJ-A1 NoSubs
17 1 14 14 15 49.2 0.239 0.928 0.006 588. 280. -25.1 0.0210 0.47 0.23 3.27 230.0 10.0 287.0 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
17 1 14 14 16 20.1 0.208 0.705 0.006 629. 227. -40.3 0.0210 0.47 0.29 2.93 215.0 10.0 285.9 2.0 0
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17 1 14 14 17 -4.0 0.092 -9.000 -9.000 -999. 76. 17.8 0.0280 0.47 0.48 1.50 128.0 10.0 284.9 2.0 0

0.00 76. 1015. 0 ADJ-A1 NoSubs
17 1 14 14 18 -3.1 0.073 -9.000 -9.000 -999. 47. 11.2 0.0230 0.47 1.00 1.20 25.0 10.0 283.1 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
17 1 14 14 19 -8.0 0.115 -9.000 -9.000 -999. 94. 17.2 0.0230 0.47 1.00 1.94 316.0 10.0 281.4 2.0 0
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17 1 14 14 20 -6.3 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.47 1.00 1.72 311.0 10.0 280.4 2.0 0
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0.00 92. 1015. 0 ADJ-A1 NoSubs
17 1 14 14 22 -9.8 0.128 -9.000 -9.000 -999. 109. 19.1 0.0230 0.47 1.00 2.13 310.0 10.0 279.2 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 1 14 14 23 -13.6 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.47 1.00 2.49 309.0 10.0 279.2 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 1 14 14 24 -11.2 0.137 -9.000 -9.000 -999. 121. 20.6 0.0230 0.47 1.00 2.27 323.0 10.0 278.1 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
17 1 15 15 1 -6.2 0.100 -9.000 -9.000 -999. 76. 14.7 0.0230 0.47 1.00 1.70 319.0 10.0 277.5 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 1 15 15 2 -8.6 0.120 -9.000 -9.000 -999. 100. 18.0 0.0270 0.47 1.00 1.96 338.0 10.0 277.5 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 1 15 15 3 -8.3 0.116 -9.000 -9.000 -999. 95. 17.3 0.0230 0.47 1.00 1.96 306.0 10.0 277.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 1 15 15 4 -9.2 0.123 -9.000 -9.000 -999. 103. 18.3 0.0230 0.47 1.00 2.06 321.0 10.0 276.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
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0.00 100. 1014. 0 ADJ-A1 NoSubs
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0.00 100. 1014. 0 ADJ-A1 NoSubs
17 1 15 15 7 -5.4 0.093 -9.000 -9.000 -999. 68. 13.3 0.0180 0.47 1.00 1.64 294.0 10.0 275.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 1 15 15 8 -3.1 0.071 -9.000 -9.000 -999. 46. 10.7 0.0180 0.47 0.71 1.21 281.0 10.0 275.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 1 15 15 9 1.7 0.081 0.120 0.010 37. 55. -28.9 0.0200 0.47 0.37 1.13 69.0 10.0 278.8 2.0 0
0.00 91. 1015. 0 ADJ-A1 NoSubs
17 1 15 15 10 34.3 0.111 0.495 0.009 128. 89. -3.6 0.0230 0.47 0.25 1.23 94.0 10.0 280.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
17 1 15 15 11 59.3 0.107 0.806 0.010 320. 84. -1.9 0.0230 0.47 0.21 1.07 101.0 10.0 283.1 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
17 1 15 15 12 73.8 0.125 0.969 0.009 446. 106. -2.4 0.0230 0.47 0.20 1.30 104.0 10.0 284.9 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
17 1 15 15 13 77.0 0.137 1.010 0.008 484. 121. -3.0 0.0230 0.47 0.20 1.47 119.0 10.0 285.4 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
17 1 15 15 14 68.9 0.147 0.995 0.007 516. 136. -4.2 0.0310 0.47 0.20 1.55 166.0 10.0 285.9 2.0 0
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17 1 16 16 3 -8.0 0.115 -9.000 -9.000 -999. 94. 17.2 0.0270 0.47 1.00 1.89 357.0 10.0 276.4 2.0 0
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17 1 16 16 11 59.7 0.329 0.847 0.014 369. 452. -53.9 0.0200 0.47 0.21 4.75 78.0 10.0 282.5 2.0 0
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17 1 16 16 12 74.3 0.308 0.988 0.015 470. 410. -35.5 0.0230 0.47 0.20 4.24 90.0 10.0 284.2 2.0 0
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17 1 16 16 13 77.6 0.238 1.061 0.015 556. 280. -15.6 0.0230 0.47 0.20 3.08 107.0 10.0 285.4 2.0 0
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17 1 16 16 14 69.6 0.260 1.044 0.015 591. 318. -22.8 0.0280 0.47 0.20 3.35 122.0 10.0 286.4 2.0 0
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17 1 16 16 15 50.5 0.153 0.947 0.015 609. 149. -6.4 0.0280 0.47 0.23 1.74 143.0 10.0 286.4 2.0 0
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17 1 16 16 18 -9.8 0.129 -9.000 -9.000 -999. 112. 19.7 0.0280 0.47 1.00 2.08 128.0 10.0 283.1 2.0 0
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17 1 16 16 19 -4.3 0.084 -9.000 -9.000 -999. 59. 12.5 0.0240 0.47 1.00 1.41 41.0 10.0 281.4 2.0 0
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17 1 16 16 20 -2.9 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.47 1.00 1.13 329.0 10.0 280.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
17 1 16 16 21 -4.7 0.087 -9.000 -9.000 -999. 61. 12.5 0.0180 0.47 1.00 1.53 283.0 10.0 279.2 2.0 0
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17 1 17 17 2 -3.4 0.074 -9.000 -9.000 -999. 49. 11.0 0.0180 0.47 1.00 1.28 281.0 10.0 276.4 2.0 0
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17 1 17 17 3 -3.6 0.077 -9.000 -9.000 -999. 51. 11.5 0.0230 0.47 1.00 1.28 315.0 10.0 275.9 2.0 0
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0.00 89. 1015. 0 ADJ-A1 NoSubs
17 1 17 17 11 60.1 0.158 0.820 0.016 332. 150. -5.9 0.0200 0.47 0.21 1.91 87.0 10.0 282.0 2.0 0
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17 1 17 17 13 78.6 0.112 0.976 0.016 428. 90. -1.6 0.0200 0.47 0.19 1.14 76.0 10.0 287.0 2.0 0
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17 1 17 17 14 70.7 0.134 0.992 0.017 499. 117. -3.0 0.0280 0.47 0.20 1.38 137.0 10.0 288.1 2.0 0
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17 1 17 17 15 51.5 0.247 0.919 0.018 546. 294. -26.4 0.0170 0.47 0.22 3.52 203.0 10.0 287.5 2.0 0
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17 1 17 17 19 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.47 1.00 1.47 308.0 10.0 282.0 2.0 0
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17 1 17 17 23 -8.1 0.115 -9.000 -9.000 -999. 94. 17.2 0.0230 0.47 1.00 1.94 322.0 10.0 280.4 2.0 0
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0.30 96. 1013. 10 ADJ-A1 NoSubs
17 1 18 18 8 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.47 0.70 1.82 103.0 10.0 281.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 1 18 18 9 7.9 0.132 0.255 0.010 76. 115. -26.3 0.0240 0.47 0.36 1.77 46.0 10.0 282.0 2.0 0
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17 1 18 18 10 6.8 0.148 0.262 0.010 95. 136. -42.8 0.0240 0.47 0.25 2.04 40.0 10.0 282.5 2.0 0
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17 1 18 18 11 13.0 0.243 0.355 0.010 124. 287. -99.2 0.0210 0.47 0.21 3.57 238.0 10.0 282.5 2.0 11
0.30 86. 1014. 10 ADJ-A1 NoSubs
17 1 18 18 12 16.7 0.130 0.467 0.010 219. 119. -11.8 0.0230 0.47 0.20 1.64 119.0 10.0 283.1 2.0 11
1.30 89. 1012. 10 ADJ-A1 NoSubs
17 1 18 18 13 17.4 0.205 0.557 0.010 358. 222. -44.6 0.0200 0.47 0.19 2.93 71.0 10.0 282.0 2.0 11
1.80 100. 1011. 10 ADJ-A1 NoSubs
17 1 18 18 14 15.4 0.231 0.557 0.010 402. 267. -72.3 0.0200 0.47 0.20 3.39 88.0 10.0 282.5 2.0 11
2.50 100. 1010. 10 ADJ-A1 NoSubs
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1.80 96. 1007. 10 ADJ-A1 NoSubs
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17 1 18 18 17 -18.5 0.269 -9.000 -9.000 -999. 335. 94.5 0.0200 0.47 0.46 4.37 80.0 10.0 283.1 2.0 11
1.80 100. 1005. 10 ADJ-A1 NoSubs
17 1 18 18 18 -17.5 0.177 -9.000 -9.000 -999. 182. 34.3 0.0240 0.47 1.00 2.86 55.0 10.0 283.1 2.0 11
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17 1 18 18 19 -9.3 0.125 -9.000 -9.000 -999. 107. 19.0 0.0240 0.47 1.00 2.08 51.0 10.0 283.8 2.0 11
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17 1 18 18 21 -34.2 0.345 -9.000 -9.000 -999. 486. 130.7 0.0310 0.47 1.00 5.19 153.0 10.0 283.8 2.0 11
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17 1 18 18 24 -5.3 0.093 -9.000 -9.000 -999. 74. 13.7 0.0200 0.47 1.00 1.62 66.0 10.0 283.1 2.0 0
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17 1 19 19 4 -7.0 0.108 -9.000 -9.000 -999. 85. 15.8 0.0200 0.47 1.00 1.86 84.0 10.0 282.0 2.0 0
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0.80 100. 1005. 10 ADJ-A1 NoSubs
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17 1 19 19 7 -6.7 0.106 -9.000 -9.000 -999. 83. 15.7 0.0230 0.47 1.00 1.79 96.0 10.0 282.0 2.0 0
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0.50 100. 1007. 10 ADJ-A1 NoSubs
17 1 19 19 9 -2.2 0.105 -9.000 -9.000 -999. 82. 47.1 0.0180 0.47 0.36 1.76 285.0 10.0 282.5 2.0 11
2.50 100. 1007. 10 ADJ-A1 NoSubs
17 1 19 19 10 7.4 0.106 0.274 0.005 100. 83. -14.5 0.0180 0.47 0.25 1.43 287.0 10.0 285.4 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
17 1 19 19 11 13.8 0.370 0.505 0.005 336. 540. -329.7 0.0170 0.47 0.21 5.80 183.0 10.0 285.9 2.0 11
0.30 96. 1007. 10 ADJ-A1 NoSubs
17 1 19 19 12 64.9 0.417 1.051 0.005 641. 646. -100.4 0.0170 0.47 0.20 6.36 184.0 10.0 285.4 2.0 0
0.00 82. 1007. 7 ADJ-A1 NoSubs
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0.00 80. 1006. 7 ADJ-A1 NoSubs
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0.00 80. 1006. 5 ADJ-A1 NoSubs
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17 1 19 19 18 -13.2 0.152 -9.000 -9.000 -999. 142. 25.4 0.0310 0.47 1.00 2.38 163.0 10.0 283.1 2.0 0
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17 1 19 19 19 -2.6 0.070 -9.000 -9.000 -999. 47. 11.4 0.0310 0.47 1.00 1.04 162.0 10.0 283.1 2.0 0
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17 1 19 19 23 -7.9 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.47 1.00 1.93 107.0 10.0 282.5 2.0 11
0.80 96. 1003. 10 ADJ-A1 NoSubs
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2.00 92. 998. 10 ADJ-A1 NoSubs
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2.30 95. 995. 10 ADJ-A1 NoSubs
17 1 20 20 4 -18.5 0.188 -9.000 -9.000 -999. 196. 38.8 0.0200 0.47 1.00 3.12 75.0 10.0 281.4 2.0 11
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17 1 20 20 5 -25.3 0.257 -9.000 -9.000 -999. 313. 72.7 0.0230 0.47 1.00 4.12 95.0 10.0 281.4 2.0 11
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17 1 20 20 6 -9.8 0.130 -9.000 -9.000 -999. 122. 19.5 0.0230 0.47 1.00 2.16 24.0 10.0 281.4 2.0 11
11.40 100. 988. 10 ADJ-A1 NoSubs
17 1 20 20 7 -22.9 0.232 -9.000 -9.000 -999. 269. 59.5 0.0230 0.47 1.00 3.74 312.0 10.0 281.4 2.0 11
9.70 999. 989. 10 ADJ-A1 NoSubs
17 1 20 20 8 -9.0 0.124 -9.000 -9.000 -999. 111. 18.8 0.0230 0.47 0.69 2.08 300.0 10.0 281.4 2.0 11

3.00 999. 989. 10 ADJ-A1 NoSubs
17 1 20 20 9 -1.7 0.087 -9.000 -9.000 -999. 62. 34.6 0.0170 0.47 0.36 1.48 194.0 10.0 282.5 2.0 0
0.00 999. 990. 10 ADJ-A1 NoSubs
17 1 20 20 10 37.0 0.139 0.695 0.006 320. 125. -6.5 0.0280 0.47 0.25 1.59 147.0 10.0 284.2 2.0 0
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17 1 20 20 11 54.1 0.231 0.865 0.005 423. 266. -20.1 0.0170 0.47 0.21 3.23 201.0 10.0 285.4 2.0 0
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17 1 20 20 12 65.7 0.423 0.990 0.005 522. 661. -101.8 0.0210 0.47 0.20 6.23 210.0 10.0 286.4 2.0 11
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17 1 20 20 13 18.3 0.440 0.657 0.005 546. 700. -411.0 0.0210 0.47 0.19 6.69 217.0 10.0 285.4 2.0 0
0.00 86. 989. 10 ADJ-A1 NoSubs
17 1 20 20 14 61.9 0.440 1.029 0.005 621. 701. -121.6 0.0210 0.47 0.20 6.52 227.0 10.0 285.4 2.0 0
0.00 76. 989. 7 ADJ-A1 NoSubs
17 1 20 20 15 46.9 0.392 0.965 0.005 675. 592. -113.7 0.0210 0.47 0.22 5.80 230.0 10.0 284.2 2.0 11
0.50 89. 989. 7 ADJ-A1 NoSubs
17 1 20 20 16 24.3 0.378 0.784 0.005 700. 559. -196.9 0.0210 0.47 0.28 5.68 231.0 10.0 283.1 2.0 0
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17 1 20 20 17 -22.8 0.351 -9.000 -9.000 -999. 499. 167.1 0.0180 0.47 0.45 5.72 242.0 10.0 282.5 2.0 11
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17 1 20 20 19 -4.2 0.083 -9.000 -9.000 -999. 66. 12.1 0.0180 0.47 1.00 1.47 247.0 10.0 280.4 2.0 0
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17 1 20 20 20 -6.0 0.100 -9.000 -9.000 -999. 76. 14.8 0.0230 0.47 1.00 1.70 14.0 10.0 280.9 2.0 11
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17 1 20 20 21 -10.3 0.131 -9.000 -9.000 -999. 114. 19.4 0.0180 0.47 1.00 2.27 287.0 10.0 280.9 2.0 11
0.50 88. 994. 7 ADJ-A1 NoSubs
17 1 20 20 22 -2.5 0.067 -9.000 -9.000 -999. 43. 10.9 0.0230 0.47 1.00 1.04 316.0 10.0 279.9 2.0 11
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17 1 20 20 23 -2.1 0.064 -9.000 -9.000 -999. 39. 11.1 0.0230 0.47 1.00 0.92 94.0 10.0 279.9 2.0 11
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17 1 20 20 24 -5.8 0.099 -9.000 -9.000 -999. 75. 14.8 0.0270 0.47 1.00 1.64 358.0 10.0 279.9 2.0 11
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17 1 21 21 1 -4.5 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.47 1.00 1.47 326.0 10.0 279.2 2.0 11
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17 1 21 21 2 -5.3 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.47 1.00 1.59 312.0 10.0 279.2 2.0 11
0.50 100. 997. 10 ADJ-A1 NoSubs
17 1 21 21 3 -4.1 0.083 -9.000 -9.000 -999. 57. 12.3 0.0230 0.47 1.00 1.40 313.0 10.0 279.2 2.0 11
0.50 100. 998. 7 ADJ-A1 NoSubs
17 1 21 21 4 -6.9 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.47 1.00 1.77 332.0 10.0 279.2 2.0 11
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17 1 21 21 5 -5.2 0.092 -9.000 -9.000 -999. 67. 13.6 0.0230 0.47 1.00 1.57 313.0 10.0 279.2 2.0 11
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17 1 21 21 6 -5.9 0.098 -9.000 -9.000 -999. 74. 14.5 0.0230 0.47 1.00 1.67 329.0 10.0 278.8 2.0 0
0.00 100. 1001. 7 ADJ-A1 NoSubs
17 1 21 21 7 -11.2 0.137 -9.000 -9.000 -999. 122. 20.7 0.0230 0.47 1.00 2.28 327.0 10.0 279.2 2.0 0
0.00 100. 1002. 10 ADJ-A1 NoSubs
17 1 21 21 8 -8.5 0.120 -9.000 -9.000 -999. 100. 18.2 0.0230 0.47 0.68 2.01 314.0 10.0 280.1 2.0 11
0.20 100. 1003. 7 ADJ-A1 NoSubs
17 1 21 21 9 -2.2 0.109 -9.000 -9.000 -999. 86. 51.8 0.0270 0.47 0.36 1.70 349.0 10.0 281.4 2.0 0
0.00 100. 1004. 10 ADJ-A1 NoSubs
17 1 21 21 10 7.2 0.114 0.376 0.005 263. 92. -18.3 0.0230 0.47 0.25 1.50 29.0 10.0 283.1 2.0 11
0.80 100. 1006. 10 ADJ-A1 NoSubs
17 1 21 21 11 13.6 0.254 0.548 0.005 432. 307. -107.3 0.0280 0.47 0.21 3.56 125.0 10.0 283.8 2.0 0

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17 1 21 21 12 65.8 0.266 1.059 0.005 649. 330. -25.7 0.0280 0.47 0.20 3.46 133.0 10.0 284.9 2.0 0
0.00 82. 1007. 7 ADJ-A1 NoSubs
17 1 21 21 13 18.5 0.267 0.703 0.005 676. 331. -92.6 0.0310 0.47 0.19 3.66 150.0 10.0 285.4 2.0 0
0.00 76. 1007. 10 ADJ-A1 NoSubs
17 1 21 21 14 62.5 0.292 1.099 0.005 764. 379. -35.9 0.0310 0.47 0.20 3.81 150.0 10.0 285.4 2.0 0
0.00 80. 1007. 7 ADJ-A1 NoSubs
17 1 21 21 15 47.6 0.268 1.030 0.005 824. 333. -36.2 0.0280 0.47 0.22 3.56 148.0 10.0 284.9 2.0 0
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17 1 21 21 16 25.2 0.191 0.843 0.005 855. 202. -24.7 0.0170 0.47 0.28 2.71 180.0 10.0 284.9 2.0 0
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17 1 21 21 18 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0310 0.47 1.00 1.62 179.0 10.0 283.8 2.0 11
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17 1 21 21 19 -23.0 0.231 -9.000 -9.000 -999. 266. 58.5 0.0280 0.47 1.00 3.59 149.0 10.0 282.5 2.0 11
0.80 96. 1008. 10 ADJ-A1 NoSubs
17 1 21 21 20 -18.4 0.185 -9.000 -9.000 -999. 191. 37.5 0.0200 0.47 1.00 3.07 75.0 10.0 282.5 2.0 11
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17 1 21 21 21 -20.3 0.204 -9.000 -9.000 -999. 221. 45.6 0.0200 0.47 1.00 3.37 86.0 10.0 282.0 2.0 0
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17 1 21 21 22 -24.7 0.247 -9.000 -9.000 -999. 295. 67.3 0.0230 0.47 1.00 3.97 93.0 10.0 282.0 2.0 0
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17 1 21 21 23 -22.7 0.228 -9.000 -9.000 -999. 262. 57.4 0.0200 0.47 1.00 3.76 88.0 10.0 282.5 2.0 11
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17 1 21 21 24 -20.1 0.202 -9.000 -9.000 -999. 218. 44.9 0.0230 0.47 1.00 3.27 93.0 10.0 282.0 2.0 11
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17 1 22 22 1 -32.2 0.325 -9.000 -9.000 -999. 445. 116.3 0.0230 0.47 1.00 5.16 103.0 10.0 283.1 2.0 11
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2.30 92. 1002. 10 ADJ-A1 NoSubs
17 1 22 22 3 -34.1 0.344 -9.000 -9.000 -999. 483. 129.8 0.0230 0.47 1.00 5.44 92.0 10.0 282.5 2.0 11
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17 1 22 22 4 -46.1 0.467 -9.000 -9.000 -999. 766. 239.8 0.0230 0.47 1.00 7.30 111.0 10.0 283.8 2.0 11
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17 1 22 22 6 -27.7 0.279 -9.000 -9.000 -999. 378. 85.6 0.0280 0.47 1.00 4.31 142.0 10.0 282.5 2.0 11
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0.50 100. 1003. 10 ADJ-A1 NoSubs
17 1 22 22 10 7.5 0.213 0.392 0.005 287. 236. -115.8 0.0280 0.47 0.25 3.00 125.0 10.0 283.8 2.0 0
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17 1 22 22 11 13.9 0.174 0.506 0.005 332. 174. -33.9 0.0230 0.47 0.21 2.39 116.0 10.0 284.2 2.0 11
0.50 96. 1004. 10 ADJ-A1 NoSubs
17 1 22 22 12 17.5 0.174 0.572 0.005 382. 175. -27.1 0.0310 0.47 0.19 2.23 152.0 10.0 283.8 2.0 11
0.30 92. 1003. 10 ADJ-A1 NoSubs
17 1 22 22 13 18.4 0.118 0.604 0.006 427. 98. -8.0 0.0310 0.47 0.19 1.35 153.0 10.0 283.8 2.0 0
0.00 92. 1002. 10 ADJ-A1 NoSubs
17 1 22 22 14 16.6 0.109 0.601 0.006 466. 87. -7.0 0.0200 0.47 0.20 1.35 65.0 10.0 284.9 2.0 0

0.00 89. 1001. 10 ADJ-A1 NoSubs
17 1 22 22 15 11.8 0.096 0.547 0.006 491. 71. -6.6 0.0230 0.47 0.22 1.14 23.0 10.0 284.9 2.0 0
0.00 85. 1000. 10 ADJ-A1 NoSubs
17 1 22 22 16 4.3 0.267 0.393 0.006 499. 331. -392.0 0.0170 0.47 0.28 4.20 203.0 10.0 283.1 2.0 11
1.30 92. 1000. 10 ADJ-A1 NoSubs
17 1 22 22 17 -26.3 0.426 -9.000 -9.000 -999. 667. 261.5 0.0210 0.47 0.44 6.72 215.0 10.0 282.5 2.0 11
0.80 96. 1000. 10 ADJ-A1 NoSubs
17 1 22 22 18 -23.8 0.239 -9.000 -9.000 -999. 310. 63.0 0.0180 0.47 1.00 4.00 264.0 10.0 281.4 2.0 11
0.80 96. 1000. 10 ADJ-A1 NoSubs
17 1 22 22 19 -6.9 0.108 -9.000 -9.000 -999. 104. 16.3 0.0280 0.47 1.00 1.77 149.0 10.0 281.4 2.0 0
0.00 100. 1001. 10 ADJ-A1 NoSubs
17 1 22 22 20 -4.7 0.088 -9.000 -9.000 -999. 63. 13.1 0.0230 0.47 1.00 1.50 91.0 10.0 281.4 2.0 11
0.30 100. 1001. 10 ADJ-A1 NoSubs
17 1 22 22 21 -7.1 0.108 -9.000 -9.000 -999. 85. 15.9 0.0200 0.47 1.00 1.87 67.0 10.0 281.4 2.0 11
2.50 100. 1001. 10 ADJ-A1 NoSubs
17 1 22 22 22 -20.9 0.209 -9.000 -9.000 -999. 230. 48.2 0.0180 0.47 1.00 3.52 284.0 10.0 280.4 2.0 11
6.60 100. 1002. 10 ADJ-A1 NoSubs
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0.30 100. 1002. 10 ADJ-A1 NoSubs
17 1 22 22 24 -2.8 0.069 -9.000 -9.000 -999. 45. 10.6 0.0180 0.47 1.00 1.16 279.0 10.0 279.9 2.0 0
0.00 100. 1002. 10 ADJ-A1 NoSubs
17 1 23 23 1 -3.9 0.081 -9.000 -9.000 -999. 56. 12.3 0.0270 0.47 1.00 1.33 338.0 10.0 280.4 2.0 11
1.50 100. 1002. 10 ADJ-A1 NoSubs
17 1 23 23 2 -6.6 0.105 -9.000 -9.000 -999. 82. 15.8 0.0270 0.47 1.00 1.74 349.0 10.0 279.9 2.0 11
0.30 100. 1002. 7 ADJ-A1 NoSubs
17 1 23 23 3 -7.0 0.108 -9.000 -9.000 -999. 85. 15.9 0.0230 0.47 1.00 1.82 5.0 10.0 279.9 2.0 11
0.30 100. 1002. 7 ADJ-A1 NoSubs
17 1 23 23 4 -10.5 0.132 -9.000 -9.000 -999. 115. 19.5 0.0180 0.47 1.00 2.28 299.0 10.0 279.9 2.0 11
0.50 95. 1003. 10 ADJ-A1 NoSubs
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0.50 100. 1003. 10 ADJ-A1 NoSubs
17 1 23 23 6 -5.3 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.47 1.00 1.59 1.0 10.0 279.2 2.0 0
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17 1 23 23 8 -7.6 0.113 -9.000 -9.000 -999. 92. 17.1 0.0270 0.47 0.68 1.86 333.0 10.0 278.8 2.0 11
1.30 100. 1005. 10 ADJ-A1 NoSubs
17 1 23 23 9 9.0 0.116 0.329 0.005 141. 94. -15.3 0.0270 0.47 0.35 1.45 330.0 10.0 279.2 2.0 0
0.00 100. 1006. 7 ADJ-A1 NoSubs
17 1 23 23 10 35.2 0.121 0.661 0.005 295. 101. -4.5 0.0200 0.47 0.24 1.42 64.0 10.0 281.4 2.0 0
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17 1 23 23 11 54.9 0.139 0.927 0.005 521. 124. -4.4 0.0200 0.47 0.21 1.62 72.0 10.0 281.4 2.0 11
1.30 96. 1007. 7 ADJ-A1 NoSubs
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17 1 23 23 13 18.3 0.135 0.680 0.005 619. 119. -12.1 0.0180 0.47 0.19 1.79 292.0 10.0 282.0 2.0 11
0.30 89. 1006. 10 ADJ-A1 NoSubs
17 1 23 23 14 16.4 0.168 0.669 0.005 654. 165. -26.0 0.0230 0.47 0.20 2.27 8.0 10.0 282.5 2.0 11
0.30 92. 1006. 10 ADJ-A1 NoSubs
17 1 23 23 15 59.0 0.142 1.172 0.005 980. 128. -4.3 0.0230 0.47 0.22 1.60 18.0 10.0 283.1 2.0 11
0.30 76. 1006. 3 ADJ-A1 NoSubs
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1.80 89. 1006. 5 ADJ-A1 NoSubs
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17 1 24 24 1 -4.8 0.088 -9.000 -9.000 -999. 63. 13.0 0.0230 0.47 1.00 1.50 328.0 10.0 278.1 2.0 0
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17 1 24 24 2 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.47 1.00 1.47 305.0 10.0 278.1 2.0 0
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0.00 100. 1008. 10 ADJ-A1 NoSubs
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0.00 100. 1008. 10 ADJ-A1 NoSubs
17 1 24 24 6 -4.2 0.084 -9.000 -9.000 -999. 58. 12.5 0.0270 0.47 1.00 1.38 359.0 10.0 276.4 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
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0.00 100. 1010. 0 ADJ-A1 NoSubs
17 1 24 24 9 5.0 0.078 0.206 0.005 63. 53. -8.6 0.0230 0.47 0.35 0.96 29.0 10.0 278.8 2.0 0
0.00 95. 1011. 0 ADJ-A1 Sub_CC
17 1 24 24 10 38.6 0.098 0.622 0.005 224. 74. -2.2 0.0230 0.47 0.24 1.01 113.0 10.0 280.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
17 1 24 24 11 64.4 0.168 0.872 0.005 371. 165. -6.7 0.0200 0.47 0.21 2.06 67.0 10.0 283.1 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
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17 1 24 24 13 83.4 0.338 1.221 0.005 789. 471. -41.7 0.0240 0.47 0.19 4.66 37.0 10.0 285.9 2.0 0
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17 1 24 24 14 75.6 0.301 1.227 0.005 882. 397. -32.5 0.0240 0.47 0.20 4.09 39.0 10.0 285.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
17 1 24 24 15 59.0 0.229 1.157 0.005 949. 264. -18.3 0.0240 0.47 0.22 2.98 47.0 10.0 287.0 2.0 0
0.00 50. 1012. 5 ADJ-A1 NoSubs
17 1 24 24 16 31.9 0.235 0.954 0.005 981. 273. -36.5 0.0200 0.47 0.27 3.32 88.0 10.0 285.9 2.0 0
0.00 58. 1013. 5 ADJ-A1 NoSubs
17 1 24 24 17 -6.3 0.178 -9.000 -9.000 -999. 181. 80.6 0.0230 0.47 0.43 2.83 99.0 10.0 284.2 2.0 0
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0.00 95. 1026. 0 ADJ-A1 NoSubs
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17 1 27 27 6 -3.5 0.076 -9.000 -9.000 -999. 51. 11.6 0.0270 0.47 1.00 1.23 333.0 10.0 275.4 2.0 0
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0.00 96. 1028. 0 ADJ-A1 NoSubs
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0.00 73. 1030. 0 ADJ-A1 NoSubs
17 1 27 27 11 66.6 0.138 0.698 0.008 187. 124. -3.7 0.0230 0.47 0.20 1.53 109.0 10.0 283.8 2.0 0
0.00 65. 1029. 0 ADJ-A1 NoSubs
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17 1 27 27 13 86.1 0.288 1.043 0.005 483. 371. -25.4 0.0230 0.47 0.19 3.88 115.0 10.0 287.5 2.0 0
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0.00 40. 1027. 0 ADJ-A1 NoSubs
17 1 27 27 16 31.0 0.142 0.813 0.005 634. 129. -8.5 0.0280 0.47 0.26 1.67 147.0 10.0 288.8 2.0 0
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17 1 27 27 18 -3.9 0.080 -9.000 -9.000 -999. 54. 12.2 0.0270 0.47 1.00 1.31 352.0 10.0 284.2 2.0 0
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9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
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17 1 27 27 24 -5.2 0.091 -9.000 -9.000 -999. 66. 13.4 0.0230 0.47 1.00 1.55 2.0 10.0 278.8 2.0 0
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0.00 89. 1028. 0 ADJ-A1 NoSubs
17 1 28 28 9 7.3 0.139 0.227 0.009 58. 124. -33.6 0.0240 0.47 0.34 1.89 47.0 10.0 280.4 2.0 0
0.00 76. 1029. 0 ADJ-A1 NoSubs
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17 1 28 28 11 67.9 0.237 0.868 0.013 353. 278. -18.1 0.0200 0.47 0.20 3.20 79.0 10.0 286.4 2.0 0
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0.00 92. 1024. 0 ADJ-A1 NoSubs
17 1 29 29 5 -7.3 0.107 -9.000 -9.000 -999. 85. 15.6 0.0180 0.47 1.00 1.89 292.0 10.0 277.5 2.0 0
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17 1 29 29 6 -2.5 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.47 1.00 1.03 300.0 10.0 275.9 2.0 0
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17 1 29 29 7 -3.8 0.079 -9.000 -9.000 -999. 53. 11.8 0.0240 0.47 1.00 1.31 39.0 10.0 277.0 2.0 0
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17 1 29 29 8 -11.9 0.141 -9.000 -9.000 -999. 128. 22.0 0.0200 0.47 0.64 2.39 67.0 10.0 278.8 2.0 0

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17 1 29 29 12 84.9 0.261 0.908 0.016 322. 321. -19.2 0.0200 0.47 0.19 3.54 87.0 10.0 291.4 2.0 0
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17 1 29 29 14 82.0 0.208 1.030 0.015 485. 228. -10.0 0.0200 0.47 0.19 2.66 77.0 10.0 294.2 2.0 0
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17 1 29 29 16 34.0 0.278 0.802 0.014 552. 351. -57.4 0.0240 0.47 0.26 3.90 38.0 10.0 293.1 2.0 0
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0.00 35. 1020. 0 ADJ-A1 NoSubs
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17 1 29 29 19 -10.1 0.131 -9.000 -9.000 -999. 114. 20.0 0.0240 0.47 1.00 2.16 56.0 10.0 288.1 2.0 0
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17 1 29 29 20 -4.1 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.47 1.00 1.38 309.0 10.0 283.1 2.0 0
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17 1 29 29 21 -9.0 0.122 -9.000 -9.000 -999. 102. 18.3 0.0230 0.47 1.00 2.04 321.0 10.0 282.5 2.0 0
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0.00 70. 1019. 0 ADJ-A1 NoSubs
17 1 29 29 23 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0270 0.47 1.00 1.72 338.0 10.0 280.9 2.0 0
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17 1 29 29 24 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0270 0.47 1.00 1.81 349.0 10.0 279.9 2.0 0
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0.00 78. 1018. 0 ADJ-A1 NoSubs
17 1 30 30 2 -14.3 0.156 -9.000 -9.000 -999. 147. 26.6 0.0240 0.47 1.00 2.54 56.0 10.0 281.4 2.0 0
0.00 70. 1018. 0 ADJ-A1 NoSubs
17 1 30 30 3 -11.1 0.135 -9.000 -9.000 -999. 120. 20.4 0.0230 0.47 1.00 2.25 22.0 10.0 278.8 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
17 1 30 30 4 -8.5 0.119 -9.000 -9.000 -999. 98. 17.9 0.0270 0.47 1.00 1.94 333.0 10.0 278.8 2.0 0
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17 1 30 30 9 8.6 0.085 0.206 0.019 36. 59. -6.5 0.0200 0.47 0.33 1.04 75.0 10.0 281.4 2.0 0
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17 1 30 30 10 43.4 0.118 0.521 0.018 118. 97. -3.4 0.0200 0.47 0.24 1.33 66.0 10.0 285.4 2.0 0
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17 1 30 30 11 70.2 0.168 0.732 0.018 202. 165. -6.1 0.0200 0.47 0.20 2.04 88.0 10.0 289.9 2.0 0

0.00 42. 1017. 0 ADJ-A1 NoSubs
17 1 30 30 12 85.9 0.180 0.849 0.017 258. 183. -6.1 0.0200 0.47 0.19 2.18 80.0 10.0 292.0 2.0 0
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17 1 30 30 13 90.3 0.203 0.913 0.016 306. 220. -8.4 0.0200 0.47 0.19 2.55 85.0 10.0 293.8 2.0 0
0.00 35. 1016. 0 ADJ-A1 NoSubs
17 1 30 30 14 83.1 0.204 0.959 0.016 384. 222. -9.3 0.0230 0.47 0.19 2.52 96.0 10.0 294.9 2.0 0
0.00 33. 1015. 0 ADJ-A1 NoSubs
17 1 30 30 15 64.5 0.202 0.926 0.015 445. 217. -11.5 0.0230 0.47 0.21 2.54 98.0 10.0 295.4 2.0 0
0.00 33. 1015. 0 ADJ-A1 NoSubs
17 1 30 30 16 34.9 0.256 0.769 0.015 471. 311. -43.6 0.0230 0.47 0.26 3.57 103.0 10.0 293.1 2.0 0
0.00 43. 1015. 0 ADJ-A1 NoSubs
17 1 30 30 17 -0.9 0.152 -9.000 -9.000 -999. 147. 334.7 0.0230 0.47 0.40 2.35 107.0 10.0 290.9 2.0 0
0.00 45. 1015. 0 ADJ-A1 NoSubs
17 1 30 30 18 -3.3 0.075 -9.000 -9.000 -999. 51. 11.5 0.0240 0.47 1.00 1.23 49.0 10.0 289.9 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
17 1 30 30 19 -3.7 0.079 -9.000 -9.000 -999. 54. 12.2 0.0270 0.47 1.00 1.30 340.0 10.0 287.0 2.0 0
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17 1 30 30 20 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.47 1.00 1.37 326.0 10.0 284.9 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
17 1 30 30 21 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 311.0 10.0 283.8 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
17 1 30 30 22 -6.6 0.103 -9.000 -9.000 -999. 80. 15.0 0.0180 0.47 1.00 1.82 293.0 10.0 281.4 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
17 1 30 30 23 -4.3 0.083 -9.000 -9.000 -999. 58. 12.1 0.0180 0.47 1.00 1.47 256.0 10.0 282.0 2.0 0
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0.00 89. 1015. 0 ADJ-A1 NoSubs
17 1 31 31 1 -3.1 0.072 -9.000 -9.000 -999. 46. 10.8 0.0180 0.47 1.00 1.23 299.0 10.0 279.9 2.0 0
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17 1 31 31 2 -4.6 0.086 -9.000 -9.000 -999. 61. 12.4 0.0180 0.47 1.00 1.52 262.0 10.0 278.8 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
17 1 31 31 3 -3.2 0.073 -9.000 -9.000 -999. 48. 11.2 0.0230 0.47 1.00 1.20 303.0 10.0 278.1 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
17 1 31 31 4 -3.4 0.076 -9.000 -9.000 -999. 51. 11.7 0.0270 0.47 1.00 1.23 351.0 10.0 278.8 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
17 1 31 31 5 -2.3 0.064 -9.000 -9.000 -999. 39. 10.5 0.0180 0.47 1.00 1.01 251.0 10.0 278.8 2.0 0
0.00 91. 1014. 0 ADJ-A1 NoSubs
17 1 31 31 6 -2.5 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.47 1.00 1.04 305.0 10.0 277.0 2.0 0
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17 1 31 31 7 -2.9 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.47 1.00 1.13 314.0 10.0 277.5 2.0 0
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17 1 31 31 9 9.3 0.112 0.224 0.016 43. 90. -13.5 0.0200 0.47 0.33 1.47 81.0 10.0 282.0 2.0 0
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17 1 31 31 11 70.7 0.123 0.730 0.018 199. 103. -2.4 0.0230 0.47 0.20 1.28 100.0 10.0 288.8 2.0 0
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17 1 31 31 12 86.6 0.148 0.927 0.019 332. 137. -3.4 0.0230 0.47 0.19 1.62 112.0 10.0 291.4 2.0 0
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17 1 31 31 13 90.8 0.168 0.999 0.018 396. 165. -4.7 0.0280 0.47 0.19 1.84 143.0 10.0 292.5 2.0 0
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17 1 31 31 14 83.3 0.145 0.992 0.017 423. 133. -3.3 0.0170 0.47 0.19 1.69 182.0 10.0 292.5 2.0 0

0.00 41. 1012. 0 ADJ-A1 NoSubs
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17 1 31 31 17 -0.7 0.114 -9.000 -9.000 -999. 107. 202.4 0.0180 0.47 0.39 1.86 263.0 10.0 288.1 2.0 0
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17 1 31 31 18 -3.8 0.079 -9.000 -9.000 -999. 54. 11.8 0.0210 0.47 1.00 1.35 238.0 10.0 286.4 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
17 1 31 31 19 -5.0 0.091 -9.000 -9.000 -999. 66. 13.6 0.0230 0.47 1.00 1.55 318.0 10.0 285.4 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
17 1 31 31 20 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.47 1.00 1.82 315.0 10.0 283.8 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
17 1 31 31 21 -9.1 0.123 -9.000 -9.000 -999. 104. 18.5 0.0230 0.47 1.00 2.06 318.0 10.0 283.1 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
17 1 31 31 22 -11.4 0.139 -9.000 -9.000 -999. 124. 21.2 0.0230 0.47 1.00 2.30 314.0 10.0 282.5 2.0 0
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17 1 31 31 23 -6.0 0.100 -9.000 -9.000 -999. 75. 14.7 0.0230 0.47 1.00 1.69 317.0 10.0 282.0 2.0 0
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17 1 31 31 24 -8.6 0.120 -9.000 -9.000 -999. 100. 18.0 0.0230 0.47 1.00 2.01 326.0 10.0 282.0 2.0 0
0.00 73. 1011. 0 ADJ-A1 NoSubs
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17 2 1 32 2 -12.2 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.47 1.00 2.37 310.0 10.0 280.9 2.0 0
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0.00 82. 1010. 0 ADJ-A1 NoSubs
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0.00 82. 1010. 0 ADJ-A1 NoSubs
17 2 1 32 6 -7.2 0.110 -9.000 -9.000 -999. 88. 16.6 0.0270 0.47 1.00 1.81 333.0 10.0 280.9 2.0 0
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17 2 1 32 8 -9.7 0.129 -9.000 -9.000 -999. 111. 19.9 0.0180 0.47 0.62 2.23 289.0 10.0 283.1 2.0 0
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17 2 1 32 9 10.4 0.154 0.250 0.017 54. 145. -31.7 0.0230 0.47 0.33 2.11 302.0 10.0 284.9 2.0 0
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17 2 1 32 10 44.6 0.128 0.604 0.016 178. 111. -4.3 0.0270 0.47 0.23 1.40 352.0 10.0 283.8 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
17 2 1 32 11 71.2 0.179 0.788 0.014 247. 182. -7.3 0.0230 0.47 0.20 2.16 22.0 10.0 287.5 2.0 0
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17 2 1 32 12 86.8 0.152 0.958 0.012 366. 143. -3.7 0.0240 0.47 0.19 1.67 40.0 10.0 288.8 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
17 2 1 32 13 90.8 0.252 1.018 0.011 419. 303. -15.8 0.0170 0.47 0.19 3.46 207.0 10.0 289.2 2.0 0
0.00 49. 1010. 0 ADJ-A1 Sub_CC
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17 2 1 32 15 63.9 0.336 0.955 0.008 491. 472. -53.4 0.0180 0.47 0.21 4.94 262.0 10.0 286.4 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
17 2 1 32 16 38.9 0.196 0.819 0.008 508. 222. -17.5 0.0180 0.47 0.25 2.69 292.0 10.0 286.4 2.0 0
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0.00 80. 1010. 7 ADJ-A1 NoSubs
17 2 1 32 20 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0230 0.47 1.00 1.67 14.0 10.0 285.4 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
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1.00 89. 1009. 10 ADJ-A1 NoSubs
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1.50 999. 1009. 10 ADJ-A1 NoSubs
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1.00 999. 1009. 10 ADJ-A1 NoSubs
17 2 2 33 4 -8.3 0.119 -9.000 -9.000 -999. 98. 18.0 0.0270 0.47 1.00 1.94 349.0 10.0 283.8 2.0 11
0.30 999. 1009. 10 ADJ-A1 NoSubs
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17 2 2 33 6 -3.2 0.074 -9.000 -9.000 -999. 48. 11.5 0.0270 0.47 1.00 1.18 345.0 10.0 283.8 2.0 11
0.80 999. 1009. 10 ADJ-A1 NoSubs
17 2 2 33 7 -6.3 0.102 -9.000 -9.000 -999. 79. 15.4 0.0270 0.47 1.00 1.69 357.0 10.0 283.8 2.0 11
4.60 999. 1009. 10 ADJ-A1 NoSubs
17 2 2 33 8 -5.8 0.100 -9.000 -9.000 -999. 76. 15.5 0.0270 0.47 0.61 1.65 343.0 10.0 284.2 2.0 11
2.80 999. 1010. 10 ADJ-A1 NoSubs
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2.80 999. 1011. 10 ADJ-A1 NoSubs
17 2 2 33 10 9.6 0.146 0.338 0.005 144. 134. -29.3 0.0230 0.47 0.23 1.99 306.0 10.0 285.4 2.0 11
1.30 999. 1011. 10 ADJ-A1 NoSubs
17 2 2 33 11 16.2 0.161 0.463 0.005 220. 155. -23.3 0.0230 0.47 0.20 2.16 315.0 10.0 285.9 2.0 11
0.30 999. 1012. 10 ADJ-A1 NoSubs
17 2 2 33 12 20.5 0.146 0.548 0.005 289. 134. -13.6 0.0270 0.47 0.19 1.81 346.0 10.0 288.1 2.0 0
0.00 999. 1011. 10 ADJ-A1 NoSubs
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0.00 100. 1010. 10 ADJ-A1 NoSubs
17 2 2 33 14 19.6 0.121 0.599 0.005 392. 101. -8.2 0.0180 0.47 0.19 1.55 258.0 10.0 288.1 2.0 11
1.30 100. 1009. 10 ADJ-A1 NoSubs
17 2 2 33 15 15.1 0.126 0.563 0.006 424. 107. -11.8 0.0230 0.47 0.21 1.59 7.0 10.0 288.8 2.0 0
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17 2 2 33 17 -3.2 0.165 -9.000 -9.000 -999. 160. 125.0 0.0210 0.47 0.38 2.64 227.0 10.0 288.8 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
17 2 2 33 18 -22.9 0.233 -9.000 -9.000 -999. 270. 59.9 0.0280 0.47 1.00 3.63 144.0 10.0 288.1 2.0 0
0.00 93. 1009. 7 ADJ-A1 NoSubs
17 2 2 33 19 -19.3 0.197 -9.000 -9.000 -999. 210. 42.5 0.0310 0.47 1.00 3.03 154.0 10.0 288.1 2.0 0
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0.00 89. 1010. 7 ADJ-A1 NoSubs
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0.00 89. 1009. 10 ADJ-A1 NoSubs
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0.00 89. 1009. 10 ADJ-A1 NoSubs
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0.00 93. 1009. 10 ADJ-A1 NoSubs
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0.30 100. 1015. 10 ADJ-A1 NoSubs
17 2 4 35 9 1.3 0.083 0.177 0.005 156. 57. -40.5 0.0310 0.47 0.32 1.09 152.0 10.0 284.9 2.0 0
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17 2 4 35 10 10.1 0.099 0.391 0.005 213. 75. -8.6 0.0230 0.47 0.23 1.21 106.0 10.0 285.9 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
17 2 4 35 11 17.0 0.155 0.511 0.005 283. 146. -19.7 0.0310 0.47 0.20 1.93 174.0 10.0 287.5 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
17 2 4 35 12 89.0 0.275 1.145 0.005 611. 346. -21.1 0.0170 0.47 0.19 3.86 201.0 10.0 288.1 2.0 0
0.00 86. 1015. 5 ADJ-A1 NoSubs
17 2 4 35 13 92.6 0.302 1.323 0.005 906. 398. -26.9 0.0210 0.47 0.19 4.15 211.0 10.0 287.5 2.0 0
0.00 89. 1014. 5 ADJ-A1 NoSubs
17 2 4 35 14 72.3 0.249 1.282 0.005 1054. 299. -19.3 0.0210 0.47 0.19 3.34 224.0 10.0 287.5 2.0 0
0.00 93. 1014. 7 ADJ-A1 NoSubs
17 2 4 35 15 68.3 0.222 1.293 0.005 1145. 252. -14.6 0.0180 0.47 0.21 3.00 252.0 10.0 287.5 2.0 0
0.00 86. 1013. 5 ADJ-A1 NoSubs
17 2 4 35 16 41.3 0.235 1.105 0.005 1182. 274. -28.5 0.0180 0.47 0.25 3.34 246.0 10.0 287.0 2.0 0
0.00 89. 1013. 5 ADJ-A1 NoSubs
17 2 4 35 17 6.8 0.204 0.608 0.005 1186. 221. -111.7 0.0210 0.47 0.37 3.01 232.0 10.0 285.4 2.0 0
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0.00 100. 1010. 10 ADJ-SFC NoSubs
17 2 5 36 9 1.1 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.32 0.00 0.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-SFC NoSubs
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0.00 100. 1010. 10 ADJ-SFC NoSubs
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0.00 100. 1007. 10 ADJ-A1 NoSubs
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17 2 6 37 13 79.9 0.427 1.191 0.005 761. 670. -87.7 0.0170 0.47 0.19 6.48 191.0 10.0 288.8 2.0 0
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17 2 6 37 15 70.2 0.325 1.202 0.005 888. 445. -43.8 0.0210 0.47 0.20 4.60 213.0 10.0 288.1 2.0 0
0.00 93. 1008. 5 ADJ-A1 NoSubs
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0.80 92. 1008. 10 ADJ-A1 NoSubs
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17 2 6 37 20 -2.6 0.069 -9.000 -9.000 -999. 46. 10.9 0.0230 0.47 1.00 1.09 13.0 10.0 285.4 2.0 11
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3.60 999. 1007. 10 ADJ-A1 NoSubs
17 2 7 38 1 -5.4 0.095 -9.000 -9.000 -999. 70. 14.3 0.0270 0.47 1.00 1.57 356.0 10.0 285.9 2.0 11
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0.80 999. 1007. 10 ADJ-A1 NoSubs
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1.30 100. 1006. 10 ADJ-A1 NoSubs
17 2 7 38 7 -64.0 0.657 -9.000 -9.000 -999. 1277. 475.2 0.0310 0.47 1.00 9.66 177.0 10.0 288.1 2.0 11
1.30 100. 1006. 10 ADJ-A1 NoSubs
17 2 7 38 8 -55.4 0.636 -9.000 -9.000 -999. 1218. 444.4 0.0170 0.47 0.58 10.29 182.0 10.0 288.8 2.0 0

0.00 100. 1006. 10 ADJ-A1 NoSubs
17 2 7 38 9 2.7 0.722 0.160 0.005 55. 1469. -8888.0 0.0170 0.47 0.31 11.51 189.0 10.0 288.8 2.0 11
0.50 100. 1007. 10 ADJ-A1 NoSubs
17 2 7 38 10 11.4 0.680 0.351 0.005 136. 1351. -2481.6 0.0170 0.47 0.23 10.82 187.0 10.0 288.8 2.0
11 0.50 100. 1008. 10 ADJ-A1 NoSubs
17 2 7 38 11 17.8 0.657 0.466 0.005 204. 1281. -1435.8 0.0170 0.47 0.20 10.44 191.0 10.0 288.1 2.0
11 0.80 100. 1009. 10 ADJ-A1 NoSubs
17 2 7 38 12 21.7 0.635 0.542 0.005 265. 1216. -1063.6 0.0170 0.47 0.19 10.07 195.0 10.0 288.1 2.0
11 1.00 100. 1009. 10 ADJ-A1 NoSubs
17 2 7 38 13 22.7 0.555 0.584 0.005 316. 1001. -679.3 0.0170 0.47 0.18 8.78 197.0 10.0 288.1 2.0 11
0.30 100. 1009. 10 ADJ-A1 NoSubs
17 2 7 38 14 20.8 0.470 0.591 0.005 357. 781. -448.1 0.0170 0.47 0.19 7.40 202.0 10.0 288.1 2.0 11
0.30 100. 1009. 10 ADJ-A1 NoSubs
17 2 7 38 15 16.2 0.377 0.557 0.005 385. 562. -297.7 0.0210 0.47 0.20 5.70 210.0 10.0 288.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 2 7 38 16 8.8 0.262 0.460 0.005 399. 331. -185.5 0.0170 0.47 0.24 4.07 206.0 10.0 287.5 2.0 11
0.50 999. 1010. 10 ADJ-A1 NoSubs
17 2 7 38 17 -1.2 0.191 -9.000 -9.000 -999. 202. 501.9 0.0170 0.47 0.36 3.08 204.0 10.0 287.5 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
17 2 7 38 18 -12.7 0.146 -9.000 -9.000 -999. 134. 23.3 0.0170 0.47 0.73 2.52 194.0 10.0 287.5 2.0 11
0.30 100. 1010. 10 ADJ-A1 NoSubs
17 2 7 38 19 -12.9 0.147 -9.000 -9.000 -999. 135. 23.8 0.0180 0.47 1.00 2.52 262.0 10.0 287.0 2.0 11
0.30 999. 1011. 10 ADJ-A1 NoSubs
17 2 7 38 20 -5.0 0.091 -9.000 -9.000 -999. 66. 13.5 0.0210 0.47 1.00 1.57 223.0 10.0 287.0 2.0 11
0.30 100. 1012. 10 ADJ-A1 NoSubs
17 2 7 38 21 -16.4 0.168 -9.000 -9.000 -999. 165. 30.9 0.0210 0.47 1.00 2.78 234.0 10.0 287.5 2.0 11
0.80 100. 1012. 10 ADJ-A1 NoSubs
17 2 7 38 22 -17.5 0.177 -9.000 -9.000 -999. 179. 34.5 0.0210 0.47 1.00 2.93 226.0 10.0 287.5 2.0 11
1.50 999. 1013. 10 ADJ-A1 NoSubs
17 2 7 38 23 -4.3 0.084 -9.000 -9.000 -999. 62. 12.3 0.0180 0.47 1.00 1.48 293.0 10.0 287.5 2.0 11
1.30 999. 1013. 10 ADJ-A1 NoSubs
17 2 7 38 24 -2.1 0.064 -9.000 -9.000 -999. 39. 11.0 0.0230 0.47 1.00 0.94 11.0 10.0 287.5 2.0 11
1.30 999. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 1 -2.3 0.065 -9.000 -9.000 -999. 40. 10.5 0.0180 0.47 1.00 1.04 281.0 10.0 287.5 2.0 11
1.30 999. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 2 -5.6 0.096 -9.000 -9.000 -999. 72. 14.4 0.0230 0.47 1.00 1.64 311.0 10.0 287.5 2.0 11
1.80 999. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 3 -4.9 0.091 -9.000 -9.000 -999. 65. 13.7 0.0270 0.47 1.00 1.50 343.0 10.0 288.1 2.0 11
0.80 999. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 4 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0230 0.47 1.00 1.35 329.0 10.0 287.5 2.0 0
0.00 999. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 5 -4.7 0.088 -9.000 -9.000 -999. 63. 13.2 0.0230 0.47 1.00 1.50 307.0 10.0 287.5 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 6 -11.1 0.136 -9.000 -9.000 -999. 121. 20.5 0.0180 0.47 1.00 2.35 243.0 10.0 287.5 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 7 -16.6 0.169 -9.000 -9.000 -999. 166. 31.3 0.0170 0.47 1.00 2.89 198.0 10.0 287.5 2.0 11
0.50 100. 1014. 10 ADJ-A1 NoSubs
17 2 8 39 8 -4.7 0.090 -9.000 -9.000 -999. 67. 14.0 0.0180 0.47 0.57 1.59 241.0 10.0 288.1 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 2 8 39 9 2.7 0.105 0.250 0.005 207. 82. -38.6 0.0180 0.47 0.31 1.52 296.0 10.0 288.1 2.0 11
0.50 100. 1015. 10 ADJ-A1 NoSubs
17 2 8 39 10 11.5 0.180 0.476 0.005 339. 184. -46.3 0.0170 0.47 0.22 2.66 190.0 10.0 288.1 2.0 11
1.50 999. 1015. 10 ADJ-A1 NoSubs
17 2 8 39 11 18.2 0.148 0.611 0.005 453. 136. -16.0 0.0270 0.47 0.20 1.86 338.0 10.0 288.8 2.0 0

0.00 100. 1015. 10 ADJ-A1 NoSubs
17 2 8 39 12 22.2 0.149 0.681 0.005 515. 138. -13.6 0.0230 0.47 0.19 1.91 328.0 10.0 289.2 2.0 11
0.30 100. 1014. 10 ADJ-A1 NoSubs
17 2 8 39 13 23.2 0.120 0.716 0.006 572. 100. -6.7 0.0230 0.47 0.18 1.43 319.0 10.0 289.2 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 2 8 39 14 21.2 0.176 0.714 0.006 619. 178. -23.4 0.0180 0.47 0.19 2.47 276.0 10.0 288.8 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 2 8 39 15 16.7 0.141 0.671 0.007 654. 127. -15.2 0.0180 0.47 0.20 1.91 272.0 10.0 289.2 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 2 8 39 16 9.4 0.129 0.559 0.007 673. 111. -20.6 0.0180 0.47 0.24 1.79 241.0 10.0 289.2 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 17 0.3 0.186 0.169 0.007 673. 192. -2234.1 0.0210 0.47 0.36 2.86 219.0 10.0 289.2 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 18 -7.7 0.114 -9.000 -9.000 -999. 93. 17.1 0.0210 0.47 0.72 1.94 222.0 10.0 289.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 19 -3.8 0.080 -9.000 -9.000 -999. 54. 12.0 0.0210 0.47 1.00 1.37 225.0 10.0 289.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 20 -4.8 0.089 -9.000 -9.000 -999. 63. 13.0 0.0180 0.47 1.00 1.57 267.0 10.0 289.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 21 -7.5 0.112 -9.000 -9.000 -999. 90. 17.0 0.0230 0.47 1.00 1.89 316.0 10.0 288.8 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 22 -5.6 0.096 -9.000 -9.000 -999. 71. 14.0 0.0180 0.47 1.00 1.69 265.0 10.0 288.1 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 23 -9.3 0.124 -9.000 -9.000 -999. 105. 18.6 0.0180 0.47 1.00 2.16 244.0 10.0 288.1 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 2 8 39 24 -11.8 0.141 -9.000 -9.000 -999. 127. 21.8 0.0180 0.47 1.00 2.42 257.0 10.0 288.1 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 2 9 40 1 -7.8 0.113 -9.000 -9.000 -999. 91. 16.8 0.0180 0.47 1.00 1.98 272.0 10.0 288.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 2 9 40 2 -5.6 0.096 -9.000 -9.000 -999. 72. 14.4 0.0230 0.47 1.00 1.64 311.0 10.0 288.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 2 9 40 3 -12.0 0.142 -9.000 -9.000 -999. 128. 22.2 0.0180 0.47 1.00 2.44 259.0 10.0 288.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 2 9 40 4 -9.5 0.126 -9.000 -9.000 -999. 108. 19.2 0.0230 0.47 1.00 2.11 10.0 10.0 287.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 2 9 40 5 -11.6 0.139 -9.000 -9.000 -999. 125. 21.4 0.0180 0.47 1.00 2.40 283.0 10.0 288.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 2 9 40 6 -7.1 0.108 -9.000 -9.000 -999. 85. 16.0 0.0180 0.47 1.00 1.90 291.0 10.0 287.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 Sub_CC
17 2 9 40 7 -20.3 0.206 -9.000 -9.000 -999. 225. 46.9 0.0180 0.47 1.00 3.47 244.0 10.0 287.5 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 2 9 40 8 -19.5 0.274 -9.000 -9.000 -999. 344. 94.9 0.0170 0.47 0.56 4.56 206.0 10.0 288.1 2.0 0
0.00 93. 1010. 7 ADJ-A1 NoSubs
17 2 9 40 9 21.3 0.255 0.747 0.005 704. 309. -69.9 0.0170 0.47 0.31 3.83 186.0 10.0 288.8 2.0 0
0.00 92. 1010. 3 ADJ-A1 NoSubs
17 2 9 40 10 12.1 0.114 0.643 0.005 790. 107. -11.0 0.0200 0.47 0.22 1.47 76.0 10.0 289.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
17 2 9 40 11 18.8 0.181 0.753 0.005 816. 185. -28.4 0.0280 0.47 0.20 2.37 134.0 10.0 290.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
17 2 9 40 12 22.3 0.260 0.805 0.005 844. 319. -71.3 0.0210 0.47 0.19 3.78 213.0 10.0 288.8 2.0 11
0.30 96. 1010. 10 ADJ-A1 NoSubs
17 2 9 40 13 23.2 0.457 0.825 0.005 873. 741. -371.0 0.0170 0.47 0.18 7.18 202.0 10.0 288.1 2.0 11
0.50 96. 1009. 10 ADJ-A1 NoSubs
17 2 9 40 14 21.3 0.417 0.810 0.005 899. 647. -305.8 0.0170 0.47 0.19 6.53 192.0 10.0 288.1 2.0 11

2.00 100. 1009. 10 ADJ-A1 NoSubs
17 2 9 40 15 16.6 0.274 0.752 0.005 918. 359. -111.1 0.0310 0.47 0.20 3.78 170.0 10.0 288.1 2.0 11
6.90 100. 1009. 10 ADJ-A1 NoSubs
17 2 9 40 16 9.4 0.145 0.623 0.005 929. 144. -29.0 0.0310 0.47 0.24 1.86 152.0 10.0 288.1 2.0 11
5.60 100. 1009. 10 ADJ-A1 NoSubs
17 2 9 40 17 0.2 0.166 0.174 0.005 930. 163. -2041.2 0.0280 0.47 0.35 2.44 128.0 10.0 288.1 2.0 11
5.10 100. 1008. 10 ADJ-A1 NoSubs
17 2 9 40 18 -19.3 0.198 -9.000 -9.000 -999. 211. 43.1 0.0310 0.47 0.71 3.05 157.0 10.0 288.1 2.0 11
4.80 100. 1009. 10 ADJ-A1 NoSubs
17 2 9 40 19 -19.0 0.193 -9.000 -9.000 -999. 204. 41.1 0.0170 0.47 1.00 3.29 190.0 10.0 287.5 2.0 11
5.80 100. 1010. 10 ADJ-A1 NoSubs
17 2 9 40 20 -8.7 0.121 -9.000 -9.000 -999. 103. 18.4 0.0230 0.47 1.00 2.03 117.0 10.0 287.5 2.0 11
3.00 100. 1008. 10 ADJ-A1 NoSubs
17 2 9 40 21 -9.0 0.124 -9.000 -9.000 -999. 105. 19.1 0.0280 0.47 1.00 2.01 127.0 10.0 287.5 2.0 11
1.00 100. 1009. 10 ADJ-A1 NoSubs
17 2 9 40 22 -11.6 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.47 1.00 2.33 118.0 10.0 287.5 2.0 11
1.80 100. 1009. 10 ADJ-A1 NoSubs
17 2 9 40 23 -21.4 0.218 -9.000 -9.000 -999. 243. 52.0 0.0210 0.47 1.00 3.56 230.0 10.0 287.0 2.0 11
2.00 100. 1010. 10 ADJ-A1 NoSubs
17 2 9 40 24 -21.4 0.218 -9.000 -9.000 -999. 243. 52.0 0.0210 0.47 1.00 3.56 226.0 10.0 287.0 2.0 11
0.30 100. 1010. 10 ADJ-A1 NoSubs
17 2 10 41 1 -12.5 0.144 -9.000 -9.000 -999. 133. 22.9 0.0170 0.47 1.00 2.50 200.0 10.0 287.0 2.0 11
0.30 100. 1010. 10 ADJ-A1 NoSubs
17 2 10 41 2 -4.0 0.082 -9.000 -9.000 -999. 57. 12.3 0.0230 0.47 1.00 1.38 116.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 2 10 41 3 -11.2 0.140 -9.000 -9.000 -999. 125. 21.9 0.0310 0.47 1.00 2.20 164.0 10.0 287.0 2.0 11
1.00 100. 1010. 10 ADJ-A1 NoSubs
17 2 10 41 4 -23.3 0.237 -9.000 -9.000 -999. 276. 61.6 0.0210 0.47 1.00 3.86 232.0 10.0 286.4 2.0 11
5.10 100. 1010. 10 ADJ-A1 NoSubs
17 2 10 41 5 -13.9 0.154 -9.000 -9.000 -999. 147. 26.1 0.0210 0.47 1.00 2.57 236.0 10.0 286.4 2.0 11
1.30 100. 1010. 10 ADJ-A1 NoSubs
17 2 10 41 6 -5.5 0.096 -9.000 -9.000 -999. 72. 14.4 0.0240 0.47 1.00 1.62 33.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 2 10 41 7 -6.5 0.103 -9.000 -9.000 -999. 79. 15.1 0.0180 0.47 1.00 1.81 261.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 2 10 41 8 -4.5 0.089 -9.000 -9.000 -999. 63. 13.9 0.0180 0.47 0.55 1.57 256.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 2 10 41 9 2.8 0.088 0.210 0.005 120. 63. -22.5 0.0210 0.47 0.30 1.20 239.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 2 10 41 10 11.7 0.144 0.381 0.005 170. 131. -22.9 0.0170 0.47 0.22 2.03 199.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 2 10 41 11 18.3 0.162 0.511 0.005 263. 157. -21.1 0.0170 0.47 0.19 2.28 199.0 10.0 287.0 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 2 10 41 12 22.4 0.156 0.604 0.005 354. 148. -15.4 0.0210 0.47 0.19 2.06 219.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
17 2 10 41 13 23.2 0.220 0.650 0.005 428. 247. -41.2 0.0210 0.47 0.18 3.10 232.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 2 10 41 14 21.4 0.237 0.661 0.005 487. 277. -55.9 0.0210 0.47 0.19 3.40 232.0 10.0 287.5 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
17 2 10 41 15 16.8 0.205 0.626 0.005 528. 223. -46.2 0.0210 0.47 0.20 2.91 223.0 10.0 287.5 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
17 2 10 41 16 39.8 0.158 0.879 0.005 615. 151. -9.0 0.0210 0.47 0.24 1.98 237.0 10.0 288.1 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
17 2 10 41 17 0.0 0.132 0.085 0.005 613. 116. -5794.7 0.0210 0.47 0.35 2.04 225.0 10.0 286.4 2.0 0

0.00 96. 1011. 10 ADJ-A1 NoSubs
17 2 10 41 18 -3.9 0.081 -9.000 -9.000 -999. 56. 12.2 0.0230 0.47 0.70 1.37 110.0 10.0 285.9 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
17 2 10 41 19 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.47 1.00 1.37 28.0 10.0 285.9 2.0 0
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17 2 10 41 20 -3.0 0.072 -9.000 -9.000 -999. 46. 11.2 0.0230 0.47 1.00 1.18 9.0 10.0 285.9 2.0 0
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17 2 10 41 21 -2.6 0.068 -9.000 -9.000 -999. 42. 10.9 0.0230 0.47 1.00 1.06 323.0 10.0 284.9 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 2 10 41 22 -4.7 0.087 -9.000 -9.000 -999. 62. 12.7 0.0180 0.47 1.00 1.54 282.0 10.0 284.2 2.0 0
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17 2 10 41 23 -5.5 0.094 -9.000 -9.000 -999. 70. 13.7 0.0180 0.47 1.00 1.67 276.0 10.0 283.1 2.0 0
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17 2 10 41 24 -7.5 0.111 -9.000 -9.000 -999. 89. 16.6 0.0230 0.47 1.00 1.88 313.0 10.0 282.0 2.0 0
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17 2 11 42 1 -7.4 0.110 -9.000 -9.000 -999. 88. 16.4 0.0230 0.47 1.00 1.86 312.0 10.0 281.4 2.0 0
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17 2 11 42 2 -3.8 0.078 -9.000 -9.000 -999. 53. 11.5 0.0180 0.47 1.00 1.37 245.0 10.0 279.9 2.0 0
0.00 100. 1015. 3 ADJ-A1 NoSubs
17 2 11 42 3 -4.4 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.47 1.00 1.43 309.0 10.0 280.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 2 11 42 4 -9.3 0.124 -9.000 -9.000 -999. 105. 18.6 0.0230 0.47 1.00 2.08 310.0 10.0 279.9 2.0 0
0.00 100. 1016. 3 ADJ-A1 NoSubs
17 2 11 42 5 -12.4 0.144 -9.000 -9.000 -999. 131. 22.8 0.0230 0.47 1.00 2.38 309.0 10.0 279.2 2.0 0
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17 2 11 42 6 -8.6 0.118 -9.000 -9.000 -999. 97. 17.3 0.0180 0.47 1.00 2.06 299.0 10.0 279.2 2.0 0
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17 2 11 42 7 -10.7 0.133 -9.000 -9.000 -999. 117. 20.1 0.0230 0.47 1.00 2.22 303.0 10.0 278.8 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 2 11 42 8 -9.7 0.134 -9.000 -9.000 -999. 118. 22.5 0.0230 0.47 0.55 2.21 316.0 10.0 279.9 2.0 0
0.00 95. 1016. 0 ADJ-A1 NoSubs
17 2 11 42 9 17.6 0.121 0.692 0.005 682. 101. -9.1 0.0280 0.47 0.30 1.43 120.0 10.0 282.5 2.0 0
0.00 86. 1017. 0 ADJ-A1 NoSubs
17 2 11 42 10 46.9 0.145 0.988 0.006 746. 132. -5.9 0.0170 0.47 0.22 1.81 204.0 10.0 283.8 2.0 0
0.00 82. 1017. 7 ADJ-A1 NoSubs
17 2 11 42 11 79.7 0.216 1.218 0.006 822. 242. -11.5 0.0170 0.47 0.19 2.89 207.0 10.0 285.4 2.0 0
0.00 71. 1017. 0 ADJ-A1 NoSubs
17 2 11 42 12 22.1 0.249 0.798 0.006 833. 298. -63.0 0.0210 0.47 0.18 3.59 211.0 10.0 285.9 2.0 0
0.00 73. 1017. 10 ADJ-A1 NoSubs
17 2 11 42 13 99.7 0.257 1.341 0.006 877. 312. -15.4 0.0310 0.47 0.18 3.13 165.0 10.0 287.0 2.0 0
0.00 68. 1017. 0 ADJ-A1 NoSubs
17 2 11 42 14 92.4 0.211 1.327 0.005 917. 233. -9.2 0.0280 0.47 0.19 2.49 148.0 10.0 287.5 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
17 2 11 42 15 77.3 0.238 1.265 0.005 949. 279. -15.8 0.0310 0.47 0.20 2.91 171.0 10.0 288.1 2.0 0
0.00 63. 1016. 3 ADJ-A1 NoSubs
17 2 11 42 16 44.7 0.177 1.061 0.005 967. 180. -11.3 0.0310 0.47 0.24 2.10 177.0 10.0 288.1 2.0 0
0.00 63. 1016. 0 ADJ-A1 NoSubs
17 2 11 42 17 7.7 0.146 0.592 0.005 976. 134. -36.8 0.0170 0.47 0.34 2.13 180.0 10.0 287.5 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
17 2 11 42 18 -12.9 0.147 -9.000 -9.000 -999. 135. 23.7 0.0170 0.47 0.69 2.54 181.0 10.0 283.8 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
17 2 11 42 19 -7.9 0.113 -9.000 -9.000 -999. 91. 16.7 0.0180 0.47 1.00 1.98 290.0 10.0 283.8 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
17 2 11 42 20 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.47 1.00 1.60 320.0 10.0 282.5 2.0 0

0.00 92. 1017. 0 ADJ-A1 NoSubs
17 2 11 42 21 -11.5 0.139 -9.000 -9.000 -999. 124. 21.2 0.0230 0.47 1.00 2.30 308.0 10.0 281.4 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
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17 2 12 43 4 -11.0 0.135 -9.000 -9.000 -999. 120. 20.4 0.0230 0.47 1.00 2.25 312.0 10.0 279.2 2.0 0
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17 2 12 43 7 -8.0 0.113 -9.000 -9.000 -999. 91. 16.4 0.0180 0.47 1.00 1.98 288.0 10.0 277.5 2.0 0
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17 2 12 43 9 18.4 0.101 0.367 0.009 98. 77. -5.1 0.0240 0.47 0.30 1.16 30.0 10.0 282.0 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
17 2 12 43 10 54.1 0.117 0.662 0.007 194. 95. -2.7 0.0280 0.47 0.22 1.18 139.0 10.0 284.2 2.0 0
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0.00 55. 1015. 0 ADJ-A1 NoSubs
17 2 12 43 15 75.4 0.210 1.191 0.006 811. 230. -11.1 0.0170 0.47 0.20 2.79 200.0 10.0 290.4 2.0 0
0.00 59. 1015. 0 ADJ-A1 NoSubs
17 2 12 43 16 45.5 0.263 1.012 0.006 825. 323. -36.0 0.0210 0.47 0.23 3.68 235.0 10.0 287.5 2.0 0
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17 2 12 43 20 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.47 1.00 1.37 311.0 10.0 283.8 2.0 0
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17 2 12 43 21 -8.1 0.115 -9.000 -9.000 -999. 94. 17.2 0.0230 0.47 1.00 1.94 316.0 10.0 282.0 2.0 0
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0.00 96. 1015. 0 ADJ-A1 NoSubs
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17 2 13 44 3 -4.0 0.081 -9.000 -9.000 -999. 56. 12.2 0.0270 0.47 1.00 1.33 332.0 10.0 279.2 2.0 0
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0.00 88. 1015. 0 ADJ-A1 NoSubs
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17 2 13 44 9 19.3 0.085 0.438 0.013 158. 59. -2.9 0.0230 0.47 0.29 0.91 314.0 10.0 282.0 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
17 2 13 44 10 55.2 0.141 0.770 0.013 299. 127. -4.6 0.0230 0.47 0.22 1.60 109.0 10.0 284.9 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
17 2 13 44 11 81.9 0.176 0.937 0.012 364. 177. -6.0 0.0310 0.47 0.19 1.94 176.0 10.0 286.4 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
17 2 13 44 12 97.8 0.119 1.027 0.010 402. 99. -1.6 0.0230 0.47 0.18 1.16 92.0 10.0 288.1 2.0 0
0.00 63. 1016. 0 ADJ-A1 NoSubs
17 2 13 44 13 102.2 0.156 1.075 0.009 440. 148. -3.4 0.0310 0.47 0.18 1.60 170.0 10.0 289.2 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
17 2 13 44 14 94.8 0.128 1.095 0.008 501. 111. -2.0 0.0170 0.47 0.19 1.40 191.0 10.0 289.2 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
17 2 13 44 15 76.1 0.133 1.051 0.007 549. 116. -2.8 0.0240 0.47 0.20 1.40 48.0 10.0 289.2 2.0 9999
-9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
17 2 13 44 16 46.9 0.166 0.905 0.006 572. 162. -8.8 0.0230 0.47 0.23 2.03 115.0 10.0 289.2 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
17 2 13 44 17 9.5 0.210 0.533 0.006 575. 231. -88.1 0.0180 0.47 0.34 3.16 256.0 10.0 288.1 2.0 0
0.00 61. 1013. 0 ADJ-A1 Sub_CC
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0.00 74. 1013. 0 ADJ-A1 NoSubs
17 2 13 44 19 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.47 1.00 1.23 164.0 10.0 285.4 2.0 0
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17 2 13 44 20 -3.2 0.074 -9.000 -9.000 -999. 48. 11.5 0.0270 0.47 1.00 1.18 341.0 10.0 284.2 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
17 2 13 44 21 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.47 1.00 1.59 320.0 10.0 284.2 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 2 13 44 22 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.47 1.00 1.48 311.0 10.0 283.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 2 13 44 23 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.47 1.00 1.48 324.0 10.0 283.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 2 13 44 24 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0230 0.47 1.00 1.86 301.0 10.0 283.8 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
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0.00 92. 1014. 0 ADJ-A1 NoSubs
17 2 14 45 2 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.47 1.00 1.47 332.0 10.0 282.5 2.0 0

0.00 96. 1014. 0 ADJ-A1 NoSubs
17 2 14 45 3 -5.0 0.091 -9.000 -9.000 -999. 65. 13.6 0.0270 0.47 1.00 1.50 340.0 10.0 281.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 2 14 45 4 -6.6 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.47 1.00 1.77 307.0 10.0 281.4 2.0 0
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17 2 14 45 6 -8.0 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.47 1.00 1.93 317.0 10.0 280.9 2.0 0
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17 2 14 45 7 -5.2 0.092 -9.000 -9.000 -999. 66. 13.3 0.0180 0.47 1.00 1.62 281.0 10.0 280.4 2.0 0
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17 2 14 45 8 -8.4 0.128 -9.000 -9.000 -999. 110. 22.4 0.0230 0.47 0.52 2.11 306.0 10.0 282.0 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
17 2 14 45 9 20.7 0.097 0.335 0.012 66. 72. -3.9 0.0230 0.47 0.29 1.08 110.0 10.0 284.9 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
17 2 14 45 10 56.7 0.147 0.692 0.010 211. 135. -5.0 0.0200 0.47 0.22 1.74 75.0 10.0 287.5 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
17 2 14 45 11 83.8 0.221 0.946 0.008 366. 249. -11.6 0.0200 0.47 0.19 2.86 83.0 10.0 290.4 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
17 2 14 45 12 99.8 0.192 1.051 0.006 420. 203. -6.5 0.0200 0.47 0.18 2.35 77.0 10.0 292.0 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
17 2 14 45 13 104.6 0.213 1.120 0.005 485. 236. -8.3 0.0200 0.47 0.18 2.67 75.0 10.0 294.2 2.0 0
0.00 37. 1013. 0 ADJ-A1 NoSubs
17 2 14 45 14 97.0 0.193 1.130 0.005 537. 204. -6.7 0.0280 0.47 0.18 2.21 135.0 10.0 293.8 2.0 0
0.00 43. 1011. 0 ADJ-A1 NoSubs
17 2 14 45 15 78.9 0.193 1.132 0.006 663. 203. -8.2 0.0310 0.47 0.20 2.21 154.0 10.0 295.4 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
17 2 14 45 16 48.9 0.226 1.009 0.008 757. 257. -21.2 0.0170 0.47 0.23 3.17 204.0 10.0 293.1 2.0 0
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17 2 14 45 17 10.8 0.276 0.611 0.008 764. 348. -176.2 0.0180 0.47 0.33 4.24 243.0 10.0 289.9 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
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17 2 14 45 19 -14.0 0.154 -9.000 -9.000 -999. 146. 26.3 0.0230 0.47 1.00 2.54 106.0 10.0 285.4 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
17 2 14 45 20 -3.5 0.077 -9.000 -9.000 -999. 53. 11.6 0.0230 0.47 1.00 1.28 11.0 10.0 284.9 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
17 2 14 45 21 -10.7 0.133 -9.000 -9.000 -999. 117. 19.9 0.0180 0.47 1.00 2.30 288.0 10.0 284.2 2.0 0
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17 2 14 45 22 -14.1 0.153 -9.000 -9.000 -999. 144. 25.8 0.0180 0.47 1.00 2.62 294.0 10.0 284.9 2.0 0
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17 2 14 45 23 -3.8 0.080 -9.000 -9.000 -999. 56. 12.1 0.0270 0.47 1.00 1.30 348.0 10.0 283.8 2.0 0
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0.00 100. 1014. 0 ADJ-A1 NoSubs
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0.00 96. 1014. 0 ADJ-A1 NoSubs
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0.00 92. 1013. 0 ADJ-A1 NoSubs
17 2 15 46 3 -7.2 0.110 -9.000 -9.000 -999. 88. 16.6 0.0270 0.47 1.00 1.81 340.0 10.0 282.5 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
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17 2 15 46 5 -7.5 0.111 -9.000 -9.000 -999. 88. 16.2 0.0180 0.47 1.00 1.94 251.0 10.0 282.0 2.0 0

0.00 95. 1012. 0 ADJ-A1 NoSubs
17 2 15 46 6 -12.2 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.47 1.00 2.37 315.0 10.0 282.5 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
17 2 15 46 7 -11.6 0.140 -9.000 -9.000 -999. 126. 21.6 0.0230 0.47 1.00 2.32 310.0 10.0 283.1 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 2 15 46 8 -7.2 0.119 -9.000 -9.000 -999. 99. 21.3 0.0230 0.47 0.52 1.98 9.0 10.0 283.8 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 2 15 46 9 3.6 0.122 0.180 0.015 58. 102. -44.7 0.0270 0.47 0.29 1.65 347.0 10.0 285.4 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
17 2 15 46 10 12.9 0.097 0.322 0.016 93. 73. -6.5 0.0230 0.47 0.22 1.16 29.0 10.0 287.0 2.0 0
0.00 80. 1015. 10 ADJ-A1 NoSubs
17 2 15 46 11 84.0 0.136 0.799 0.014 220. 121. -2.7 0.0200 0.47 0.19 1.49 81.0 10.0 287.0 2.0 0
0.00 77. 1015. 0 ADJ-A1 NoSubs
17 2 15 46 12 99.9 0.155 0.955 0.012 315. 146. -3.3 0.0200 0.47 0.18 1.74 78.0 10.0 288.8 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
17 2 15 46 13 87.1 0.106 0.972 0.011 380. 83. -1.2 0.0230 0.47 0.18 0.99 94.0 10.0 290.4 2.0 0
0.00 62. 1013. 7 ADJ-A1 NoSubs
17 2 15 46 14 97.7 0.140 1.062 0.010 443. 126. -2.6 0.0230 0.47 0.18 1.48 26.0 10.0 292.5 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
17 2 15 46 15 79.1 0.129 1.023 0.009 488. 111. -2.5 0.0310 0.47 0.20 1.26 157.0 10.0 293.1 2.0 0
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17 2 15 46 16 49.7 0.137 0.896 0.008 521. 122. -4.7 0.0170 0.47 0.23 1.67 189.0 10.0 292.5 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
17 2 15 46 17 12.1 0.159 0.561 0.008 528. 153. -30.2 0.0210 0.47 0.33 2.21 219.0 10.0 291.4 2.0 0
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17 2 15 46 18 -15.2 0.163 -9.000 -9.000 -999. 158. 29.4 0.0210 0.47 0.65 2.71 220.0 10.0 288.1 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
17 2 15 46 19 -10.9 0.135 -9.000 -9.000 -999. 119. 20.3 0.0180 0.47 1.00 2.33 260.0 10.0 287.5 2.0 0
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17 2 15 46 20 -3.9 0.080 -9.000 -9.000 -999. 54. 11.8 0.0180 0.47 1.00 1.40 291.0 10.0 287.0 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
17 2 15 46 21 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.47 1.00 1.31 305.0 10.0 285.9 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
17 2 15 46 22 -7.9 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.47 1.00 1.93 311.0 10.0 284.9 2.0 0
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17 2 15 46 23 -10.0 0.130 -9.000 -9.000 -999. 112. 19.7 0.0230 0.47 1.00 2.16 302.0 10.0 284.9 2.0 0
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17 2 15 46 24 -8.4 0.119 -9.000 -9.000 -999. 98. 17.9 0.0230 0.47 1.00 1.99 302.0 10.0 284.9 2.0 0
0.00 85. 1011. 3 ADJ-A1 NoSubs
17 2 16 47 1 -13.1 0.148 -9.000 -9.000 -999. 137. 24.2 0.0180 0.47 1.00 2.54 262.0 10.0 285.9 2.0 0
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17 2 16 47 2 -9.8 0.127 -9.000 -9.000 -999. 109. 19.0 0.0180 0.47 1.00 2.21 273.0 10.0 285.4 2.0 0
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17 2 16 47 3 -8.3 0.118 -9.000 -9.000 -999. 97. 17.7 0.0230 0.47 1.00 1.98 311.0 10.0 284.2 2.0 0
0.00 100. 1008. 3 ADJ-A1 NoSubs
17 2 16 47 4 -9.4 0.126 -9.000 -9.000 -999. 107. 19.0 0.0230 0.47 1.00 2.10 305.0 10.0 284.9 2.0 0
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17 2 16 47 5 -5.2 0.094 -9.000 -9.000 -999. 69. 14.1 0.0270 0.47 1.00 1.55 349.0 10.0 284.2 2.0 11
2.30 100. 1008. 10 ADJ-A1 NoSubs
17 2 16 47 6 -6.2 0.102 -9.000 -9.000 -999. 79. 15.4 0.0270 0.47 1.00 1.69 349.0 10.0 284.2 2.0 11
6.10 100. 1008. 10 ADJ-A1 NoSubs
17 2 16 47 7 -7.4 0.111 -9.000 -9.000 -999. 89. 16.6 0.0230 0.47 1.00 1.87 14.0 10.0 283.8 2.0 11
1.50 999. 1009. 10 ADJ-A1 NoSubs
17 2 16 47 8 -8.5 0.127 -9.000 -9.000 -999. 108. 21.6 0.0230 0.47 0.51 2.10 9.0 10.0 283.8 2.0 11

1.00 999. 1009. 10 ADJ-A1 NoSubs
17 2 16 47 9 3.7 0.109 0.258 0.005 168. 86. -31.7 0.0240 0.47 0.29 1.48 40.0 10.0 284.2 2.0 11
0.80 999. 1010. 10 ADJ-A1 NoSubs
17 2 16 47 10 12.9 0.122 0.487 0.005 321. 103. -12.8 0.0200 0.47 0.21 1.60 80.0 10.0 285.9 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
17 2 16 47 11 20.0 0.116 0.639 0.005 470. 95. -7.0 0.0240 0.47 0.19 1.38 37.0 10.0 288.1 2.0 0
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17 2 16 47 12 24.1 0.156 0.739 0.005 602. 148. -14.2 0.0280 0.47 0.18 1.93 129.0 10.0 289.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 2 16 47 13 25.4 0.214 0.798 0.007 717. 238. -34.8 0.0230 0.47 0.18 2.95 96.0 10.0 290.4 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
17 2 16 47 14 82.3 0.276 1.218 0.007 790. 348. -23.0 0.0180 0.47 0.18 3.86 240.0 10.0 290.9 2.0 0
0.00 77. 1008. 7 ADJ-A1 NoSubs
17 2 16 47 15 67.2 0.320 1.150 0.007 814. 435. -44.0 0.0210 0.47 0.19 4.54 236.0 10.0 288.8 2.0 0
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0.00 93. 1008. 7 ADJ-A1 NoSubs
17 2 16 47 17 1.4 0.233 0.321 0.007 830. 270. -788.2 0.0210 0.47 0.32 3.56 222.0 10.0 287.0 2.0 0
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17 2 16 47 18 -17.5 0.185 -9.000 -9.000 -999. 191. 37.6 0.0170 0.47 0.64 3.15 209.0 10.0 286.4 2.0 0
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17 2 16 47 19 -3.9 0.081 -9.000 -9.000 -999. 61. 12.0 0.0210 0.47 1.00 1.38 234.0 10.0 285.4 2.0 0
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17 2 16 47 21 -3.4 0.075 -9.000 -9.000 -999. 50. 11.2 0.0180 0.47 1.00 1.31 262.0 10.0 285.9 2.0 0
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17 2 16 47 22 -4.0 0.082 -9.000 -9.000 -999. 56. 12.3 0.0230 0.47 1.00 1.38 322.0 10.0 285.9 2.0 0
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17 2 17 48 1 -4.5 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.47 1.00 1.48 320.0 10.0 285.4 2.0 0
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17 2 17 48 2 -8.4 0.120 -9.000 -9.000 -999. 100. 18.3 0.0270 0.47 1.00 1.96 347.0 10.0 285.4 2.0 0
0.00 100. 999. 7 ADJ-A1 NoSubs
17 2 17 48 3 -10.7 0.136 -9.000 -9.000 -999. 120. 20.7 0.0230 0.47 1.00 2.25 91.0 10.0 285.4 2.0 11
0.30 100. 997. 10 ADJ-A1 NoSubs
17 2 17 48 4 -22.4 0.230 -9.000 -9.000 -999. 264. 58.0 0.0200 0.47 1.00 3.78 67.0 10.0 285.4 2.0 11
0.80 96. 995. 10 ADJ-A1 NoSubs
17 2 17 48 5 -28.1 0.288 -9.000 -9.000 -999. 371. 91.2 0.0240 0.47 1.00 4.56 59.0 10.0 284.9 2.0 11
1.30 100. 992. 10 ADJ-A1 NoSubs
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17 2 17 48 8 -28.3 0.391 -9.000 -9.000 -999. 586. 185.6 0.0200 0.47 0.50 6.26 87.0 10.0 287.5 2.0 0
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17 2 17 48 9 4.7 0.555 0.244 0.005 108. 993. -3196.8 0.0230 0.47 0.28 8.42 95.0 10.0 288.1 2.0 0
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17 2 17 48 10 13.4 0.531 0.431 0.005 209. 929. -980.9 0.0230 0.47 0.21 8.01 100.0 10.0 287.0 2.0 0
0.00 77. 985. 10 ADJ-A1 NoSubs
17 2 17 48 11 19.8 0.639 0.554 0.005 301. 1225. -1161.6 0.0230 0.47 0.19 9.66 105.0 10.0 285.9 2.0

11 2.00 89. 985. 10 ADJ-A1 NoSubs
17 2 17 48 12 23.9 0.528 0.640 0.005 385. 934. -540.7 0.0230 0.47 0.18 7.93 115.0 10.0 287.0 2.0 11
0.30 86. 984. 10 ADJ-A1 NoSubs
17 2 17 48 13 24.8 0.477 0.685 0.005 455. 795. -385.6 0.0280 0.47 0.18 6.91 131.0 10.0 286.4 2.0 11
1.80 96. 984. 10 ADJ-A1 NoSubs
17 2 17 48 14 22.9 0.476 0.695 0.005 513. 787. -411.5 0.0280 0.47 0.18 6.89 130.0 10.0 286.4 2.0 11
1.80 96. 982. 10 ADJ-A1 NoSubs
17 2 17 48 15 18.4 0.332 0.663 0.005 555. 475. -174.3 0.0280 0.47 0.19 4.73 125.0 10.0 287.0 2.0 11
1.30 92. 981. 10 ADJ-A1 NoSubs
17 2 17 48 16 10.9 0.208 0.565 0.005 577. 239. -72.7 0.0280 0.47 0.23 2.88 130.0 10.0 286.4 2.0 11
5.60 96. 981. 10 ADJ-A1 NoSubs
17 2 17 48 17 1.3 0.256 0.278 0.005 579. 311. -1133.7 0.0310 0.47 0.32 3.68 159.0 10.0 285.4 2.0 11
4.60 100. 982. 10 ADJ-A1 NoSubs
17 2 17 48 18 -26.7 0.289 -9.000 -9.000 -999. 373. 91.8 0.0170 0.47 0.63 4.83 191.0 10.0 284.9 2.0 11
2.30 999. 983. 10 ADJ-A1 NoSubs
17 2 17 48 19 -23.8 0.246 -9.000 -9.000 -999. 293. 66.3 0.0210 0.47 1.00 4.00 210.0 10.0 284.2 2.0 11
0.80 999. 984. 10 ADJ-A1 NoSubs
17 2 17 48 20 -21.2 0.219 -9.000 -9.000 -999. 247. 53.0 0.0210 0.47 1.00 3.59 230.0 10.0 284.9 2.0 11
0.50 999. 985. 10 ADJ-A1 NoSubs
17 2 17 48 21 -25.5 0.263 -9.000 -9.000 -999. 324. 76.2 0.0170 0.47 1.00 4.42 192.0 10.0 284.9 2.0 11
0.30 999. 986. 10 ADJ-A1 NoSubs
17 2 17 48 22 -12.6 0.149 -9.000 -9.000 -999. 145. 24.5 0.0280 0.47 1.00 2.38 123.0 10.0 284.2 2.0 11
1.30 999. 987. 10 ADJ-A1 NoSubs
17 2 17 48 23 -7.0 0.109 -9.000 -9.000 -999. 87. 16.3 0.0230 0.47 1.00 1.84 18.0 10.0 284.2 2.0 11
1.30 999. 987. 10 ADJ-A1 NoSubs
17 2 17 48 24 -4.0 0.082 -9.000 -9.000 -999. 57. 12.3 0.0230 0.47 1.00 1.39 303.0 10.0 284.2 2.0 0
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17 2 18 49 1 -4.6 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 1.00 1.47 349.0 10.0 284.2 2.0 0
0.00 999. 988. 10 ADJ-A1 NoSubs
17 2 18 49 2 -14.0 0.157 -9.000 -9.000 -999. 150. 27.2 0.0280 0.47 1.00 2.50 141.0 10.0 284.2 2.0 0
0.00 100. 989. 10 ADJ-A1 NoSubs
17 2 18 49 3 -24.6 0.253 -9.000 -9.000 -999. 306. 70.5 0.0200 0.47 1.00 4.15 79.0 10.0 284.2 2.0 0
0.00 96. 989. 7 ADJ-A1 NoSubs
17 2 18 49 4 -3.0 0.073 -9.000 -9.000 -999. 94. 11.3 0.0240 0.47 1.00 1.18 39.0 10.0 284.9 2.0 0
0.00 92. 990. 10 ADJ-A1 NoSubs
17 2 18 49 5 -5.7 0.098 -9.000 -9.000 -999. 74. 14.7 0.0230 0.47 1.00 1.67 26.0 10.0 285.4 2.0 0
0.00 86. 991. 10 ADJ-A1 NoSubs
17 2 18 49 6 -12.0 0.144 -9.000 -9.000 -999. 131. 22.8 0.0230 0.47 1.00 2.38 303.0 10.0 283.8 2.0 11
1.50 100. 992. 10 ADJ-A1 NoSubs
17 2 18 49 7 -6.7 0.106 -9.000 -9.000 -999. 83. 15.5 0.0180 0.47 1.00 1.86 263.0 10.0 283.8 2.0 11
0.20 100. 993. 10 ADJ-A1 NoSubs
17 2 18 49 8 -2.8 0.073 -9.000 -9.000 -999. 48. 12.7 0.0270 0.47 0.49 1.21 331.0 10.0 284.2 2.0 11
0.30 100. 994. 10 ADJ-A1 NoSubs
17 2 18 49 9 4.3 0.086 0.307 0.005 239. 60. -13.2 0.0240 0.47 0.28 1.09 33.0 10.0 284.9 2.0 0
0.00 96. 994. 10 ADJ-A1 NoSubs
17 2 18 49 10 13.3 0.154 0.546 0.005 434. 145. -24.3 0.0210 0.47 0.21 2.10 227.0 10.0 285.4 2.0 0
0.00 92. 996. 10 ADJ-A1 NoSubs
17 2 18 49 11 20.1 0.230 0.700 0.005 606. 265. -54.0 0.0180 0.47 0.19 3.39 260.0 10.0 286.4 2.0 0
0.00 86. 996. 10 ADJ-A1 NoSubs
17 2 18 49 12 24.0 0.332 0.756 0.005 640. 460. -136.1 0.0180 0.47 0.18 5.07 266.0 10.0 286.4 2.0 0
0.00 80. 997. 10 ADJ-A1 NoSubs
17 2 18 49 13 25.1 0.397 0.781 0.005 674. 599. -220.4 0.0180 0.47 0.18 6.12 264.0 10.0 287.0 2.0 0
0.00 77. 997. 10 ADJ-A1 NoSubs
17 2 18 49 14 23.4 0.385 0.771 0.005 703. 573. -218.8 0.0180 0.47 0.18 5.94 266.0 10.0 287.6 2.0

9999 -9.00 999. 1007. 10 ADJ-A1 Sub_CC-TT
17 2 18 49 15 18.9 0.345 0.728 0.005 727. 487. -193.8 0.0180 0.47 0.19 5.31 262.0 10.0 288.1 2.0 0
0.00 66. 998. 10 ADJ-A1 NoSubs
17 2 18 49 16 10.9 0.400 0.610 0.005 739. 608. -524.0 0.0180 0.47 0.22 6.26 268.0 10.0 285.4 2.0 0
0.00 74. 999. 10 ADJ-A1 NoSubs
17 2 18 49 17 15.8 0.380 0.695 0.005 757. 563. -309.0 0.0180 0.47 0.32 5.90 267.0 10.0 284.9 2.0 0
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17 2 18 49 18 -27.3 0.291 -9.000 -9.000 -999. 381. 93.1 0.0180 0.47 0.62 4.82 261.0 10.0 283.8 2.0 0
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17 2 18 49 19 -23.7 0.239 -9.000 -9.000 -999. 282. 63.0 0.0180 0.47 1.00 4.00 256.0 10.0 283.1 2.0 0
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17 2 18 49 21 -14.4 0.156 -9.000 -9.000 -999. 150. 26.6 0.0180 0.47 1.00 2.66 246.0 10.0 280.9 2.0 0
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17 2 18 49 22 -9.3 0.124 -9.000 -9.000 -999. 105. 18.4 0.0180 0.47 1.00 2.16 259.0 10.0 282.0 2.0 0
0.00 79. 1004. 3 ADJ-A1 NoSubs
17 2 18 49 23 -4.4 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.47 1.00 1.45 305.0 10.0 280.9 2.0 0
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17 2 18 49 24 -6.6 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.47 1.00 1.77 309.0 10.0 280.4 2.0 0
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0.00 100. 1005. 0 ADJ-A1 NoSubs
17 2 19 50 2 -6.8 0.106 -9.000 -9.000 -999. 83. 15.6 0.0230 0.47 1.00 1.79 306.0 10.0 279.2 2.0 0
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17 2 19 50 3 -4.3 0.085 -9.000 -9.000 -999. 59. 12.8 0.0270 0.47 1.00 1.40 344.0 10.0 280.4 2.0 0
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17 2 19 50 4 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.47 1.00 1.31 346.0 10.0 279.9 2.0 0
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17 2 19 50 5 -3.7 0.078 -9.000 -9.000 -999. 53. 11.7 0.0230 0.47 1.00 1.31 320.0 10.0 279.9 2.0 0
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17 2 19 50 6 -4.9 0.089 -9.000 -9.000 -999. 64. 13.2 0.0230 0.47 1.00 1.52 12.0 10.0 280.4 2.0 0
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17 2 19 50 7 -5.4 0.094 -9.000 -9.000 -999. 69. 14.0 0.0240 0.47 1.00 1.59 32.0 10.0 280.9 2.0 0
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0.00 86. 1006. 10 ADJ-A1 NoSubs
17 2 19 50 9 4.2 0.107 0.460 0.005 827. 84. -26.0 0.0200 0.47 0.28 1.48 89.0 10.0 283.1 2.0 0
0.00 79. 1006. 10 ADJ-A1 NoSubs
17 2 19 50 10 13.3 0.166 0.678 0.005 839. 163. -30.9 0.0230 0.47 0.21 2.27 105.0 10.0 284.2 2.0 0
0.00 76. 1007. 10 ADJ-A1 NoSubs
17 2 19 50 11 19.9 0.212 0.781 0.005 857. 235. -43.2 0.0230 0.47 0.19 2.96 96.0 10.0 284.2 2.0 11
0.30 82. 1007. 10 ADJ-A1 NoSubs
17 2 19 50 12 23.8 0.115 0.835 0.005 877. 97. -5.7 0.0200 0.47 0.18 1.38 82.0 10.0 284.2 2.0 11
0.80 89. 1007. 10 ADJ-A1 NoSubs
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0.00 85. 1006. 10 ADJ-A1 NoSubs
17 2 19 50 14 23.2 0.236 0.841 0.005 918. 275. -50.9 0.0230 0.47 0.18 3.32 119.0 10.0 285.4 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
17 2 19 50 15 18.4 0.233 0.782 0.005 933. 271. -62.0 0.0280 0.47 0.19 3.20 139.0 10.0 284.9 2.0 0
0.00 82. 1006. 10 ADJ-A1 NoSubs
17 2 19 50 16 10.9 0.165 0.660 0.005 942. 162. -36.7 0.0240 0.47 0.22 2.26 47.0 10.0 284.2 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
17 2 19 50 17 1.6 0.122 0.350 0.005 943. 103. -100.0 0.0230 0.47 0.31 1.77 7.0 10.0 284.9 2.0 0

0.00 92. 1006. 10 ADJ-A1 NoSubs
17 2 19 50 18 -8.3 0.121 -9.000 -9.000 -999. 101. 19.1 0.0270 0.47 0.61 1.97 339.0 10.0 285.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
17 2 19 50 19 -5.6 0.096 -9.000 -9.000 -999. 72. 14.4 0.0230 0.47 1.00 1.64 305.0 10.0 285.4 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
17 2 19 50 20 -3.8 0.079 -9.000 -9.000 -999. 53. 11.6 0.0180 0.47 1.00 1.38 293.0 10.0 284.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
17 2 19 50 21 -3.1 0.073 -9.000 -9.000 -999. 48. 11.3 0.0240 0.47 1.00 1.20 41.0 10.0 284.2 2.0 11
0.50 100. 1009. 10 ADJ-A1 NoSubs
17 2 19 50 22 -5.2 0.093 -9.000 -9.000 -999. 68. 14.0 0.0270 0.47 1.00 1.54 357.0 10.0 283.8 2.0 11
0.80 100. 1009. 10 ADJ-A1 NoSubs
17 2 19 50 23 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.47 1.00 1.74 2.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 2 19 50 24 -2.5 0.068 -9.000 -9.000 -999. 42. 10.9 0.0230 0.47 1.00 1.06 322.0 10.0 283.8 2.0 11
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17 2 20 51 1 -5.9 0.100 -9.000 -9.000 -999. 76. 15.0 0.0270 0.47 1.00 1.65 333.0 10.0 283.8 2.0 11
1.50 100. 1008. 10 ADJ-A1 NoSubs
17 2 20 51 2 -3.2 0.073 -9.000 -9.000 -999. 48. 11.3 0.0230 0.47 1.00 1.21 307.0 10.0 284.2 2.0 11
2.80 100. 1008. 10 ADJ-A1 NoSubs
17 2 20 51 3 -3.6 0.078 -9.000 -9.000 -999. 52. 11.7 0.0230 0.47 1.00 1.30 4.0 10.0 284.2 2.0 11
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5.10 100. 1007. 10 ADJ-A1 NoSubs
17 2 20 51 5 -4.8 0.089 -9.000 -9.000 -999. 64. 13.5 0.0270 0.47 1.00 1.48 341.0 10.0 284.9 2.0 11
10.20 100. 1008. 10 ADJ-A1 NoSubs
17 2 20 51 6 -28.4 0.288 -9.000 -9.000 -999. 371. 91.4 0.0310 0.47 1.00 4.37 151.0 10.0 285.9 2.0 11
7.10 100. 1008. 10 ADJ-A1 NoSubs
17 2 20 51 7 -35.8 0.363 -9.000 -9.000 -999. 524. 144.8 0.0310 0.47 1.00 5.45 161.0 10.0 285.9 2.0 11
4.10 100. 1009. 10 ADJ-A1 NoSubs
17 2 20 51 8 -21.6 0.312 -9.000 -9.000 -999. 419. 126.2 0.0310 0.47 0.48 4.68 168.0 10.0 286.4 2.0 11
1.00 100. 1010. 10 ADJ-A1 NoSubs
17 2 20 51 9 5.1 0.291 0.296 0.008 183. 377. -438.0 0.0280 0.47 0.27 4.22 149.0 10.0 286.4 2.0 11
2.00 100. 1011. 10 ADJ-A1 NoSubs
17 2 20 51 10 14.0 0.258 0.440 0.008 218. 315. -110.4 0.0310 0.47 0.21 3.56 151.0 10.0 286.4 2.0 11
2.30 100. 1011. 10 ADJ-A1 NoSubs
17 2 20 51 11 20.6 0.257 0.531 0.008 261. 313. -74.3 0.0310 0.47 0.19 3.49 174.0 10.0 286.4 2.0 11
4.60 100. 1011. 10 ADJ-A1 NoSubs
17 2 20 51 12 24.5 0.202 0.592 0.008 305. 218. -30.1 0.0170 0.47 0.18 2.90 205.0 10.0 286.4 2.0 11
3.00 100. 1011. 10 ADJ-A1 NoSubs
17 2 20 51 13 25.4 0.135 0.624 0.008 344. 120. -8.6 0.0310 0.47 0.18 1.55 178.0 10.0 285.9 2.0 11
4.60 100. 1010. 10 ADJ-A1 NoSubs
17 2 20 51 14 23.7 0.148 0.629 0.008 377. 137. -12.4 0.0240 0.47 0.18 1.87 36.0 10.0 286.4 2.0 11
4.10 100. 1009. 10 ADJ-A1 NoSubs
17 2 20 51 15 19.1 0.134 0.598 0.008 402. 118. -11.4 0.0270 0.47 0.19 1.64 349.0 10.0 287.0 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 2 20 51 16 11.8 0.166 0.516 0.008 417. 162. -34.5 0.0230 0.47 0.22 2.28 315.0 10.0 287.5 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 2 20 51 17 2.7 0.446 0.316 0.006 421. 715. -2978.9 0.0310 0.47 0.31 6.43 173.0 10.0 288.8 2.0 11
0.30 86. 1008. 10 ADJ-A1 NoSubs
17 2 20 51 18 -40.6 0.449 -9.000 -9.000 -999. 721. 221.5 0.0310 0.47 0.60 6.67 179.0 10.0 288.1 2.0 11
0.30 93. 1009. 10 ADJ-A1 NoSubs
17 2 20 51 19 -53.5 0.541 -9.000 -9.000 -999. 955. 322.5 0.0170 0.47 1.00 8.83 197.0 10.0 286.4 2.0 11
2.00 100. 1011. 10 ADJ-A1 NoSubs
17 2 20 51 20 -57.0 0.577 -9.000 -9.000 -999. 1051. 366.4 0.0170 0.47 1.00 9.39 180.0 10.0 286.4 2.0

11 2.00 100. 1012. 10 ADJ-A1 NoSubs
17 2 20 51 21 -50.7 0.513 -9.000 -9.000 -999. 886. 288.9 0.0310 0.47 1.00 7.59 168.0 10.0 286.4 2.0 11
1.50 100. 1012. 10 ADJ-A1 NoSubs
17 2 20 51 22 -39.5 0.400 -9.000 -9.000 -999. 619. 176.4 0.0310 0.47 1.00 5.99 168.0 10.0 287.5 2.0 0
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0.00 89. 1019. 0 ADJ-A1 NoSubs
17 2 22 53 11 94.2 0.165 1.309 0.005 866. 160. -4.3 0.0230 0.47 0.19 1.86 92.0 10.0 285.9 2.0 0
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17 2 22 53 12 109.6 0.297 1.558 0.008 1256. 389. -21.8 0.0180 0.47 0.18 4.14 275.0 10.0 286.4 2.0 0
0.00 54. 1018. 3 ADJ-A1 NoSubs
17 2 22 53 13 110.9 0.314 1.600 0.008 1343. 422. -25.3 0.0180 0.47 0.18 4.42 272.0 10.0 287.5 2.0 0
0.00 55. 1017. 0 ADJ-A1 NoSubs
17 2 22 53 14 106.3 0.329 1.594 0.007 1384. 452. -30.3 0.0180 0.47 0.18 4.68 252.0 10.0 287.0 2.0 0
0.00 57. 1017. 3 ADJ-A1 NoSubs
17 2 22 53 15 87.2 0.345 1.504 0.007 1418. 486. -42.6 0.0180 0.47 0.19 5.01 247.0 10.0 287.0 2.0 0
0.00 50. 1016. 2 ADJ-A1 Sub_CC
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17 2 23 54 9 29.0 0.151 0.786 0.005 608. 141. -10.8 0.0210 0.47 0.27 1.93 237.0 10.0 281.4 2.0 0
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0.00 42. 1018. 0 ADJ-A1 NoSubs
17 2 23 54 12 107.4 0.309 1.340 0.005 813. 412. -24.8 0.0180 0.47 0.18 4.34 254.0 10.0 285.4 2.0 0
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0.00 35. 1016. 3 ADJ-A1 NoSubs
17 2 23 54 14 86.4 0.268 1.432 0.005 1232. 336. -20.3 0.0180 0.47 0.18 3.72 280.0 10.0 285.4 2.0 0
0.00 32. 1016. 7 ADJ-A1 NoSubs
17 2 23 54 15 71.5 0.241 1.374 0.005 1314. 284. -17.6 0.0180 0.47 0.19 3.30 289.0 10.0 284.2 2.0 0
0.00 42. 1016. 7 ADJ-A1 NoSubs
17 2 23 54 16 12.3 0.200 0.768 0.005 1332. 215. -58.5 0.0180 0.47 0.22 2.95 287.0 10.0 286.4 2.0 0
0.00 39. 1016. 10 ADJ-A1 NoSubs
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17 2 24 55 12 108.2 0.206 1.320 0.005 773. 224. -7.3 0.0310 0.47 0.18 2.33 171.0 10.0 284.2 2.0 0
0.00 58. 1020. 0 ADJ-A1 NoSubs
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17 2 24 55 14 104.9 0.293 1.494 0.005 1155. 381. -21.8 0.0210 0.47 0.18 3.97 236.0 10.0 285.4 2.0 0
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17 2 24 55 17 18.1 0.246 0.857 0.005 1260. 295. -74.6 0.0210 0.47 0.30 3.58 223.0 10.0 284.2 2.0 0
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17 2 25 56 4 -8.6 0.118 -9.000 -9.000 -999. 98. 17.5 0.0230 0.47 1.00 1.99 316.0 10.0 275.4 2.0 0
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17 2 25 56 5 -8.1 0.115 -9.000 -9.000 -999. 94. 17.0 0.0230 0.47 1.00 1.94 310.0 10.0 275.4 2.0 0
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17 2 25 56 6 -6.1 0.099 -9.000 -9.000 -999. 75. 14.5 0.0230 0.47 1.00 1.69 311.0 10.0 274.2 2.0 0
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0.00 92. 1016. 7 ADJ-A1 NoSubs
17 2 25 56 10 66.8 0.134 0.988 0.005 524. 117. -3.2 0.0200 0.47 0.20 1.50 75.0 10.0 279.9 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
17 2 25 56 11 93.7 0.167 1.311 0.005 872. 163. -4.5 0.0230 0.47 0.19 1.89 106.0 10.0 283.1 2.0 0
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17 3 2 61 1 -12.8 0.148 -9.000 -9.000 -999. 136. 24.0 0.0310 0.32 1.00 2.32 311.0 10.0 279.9 2.0 0
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17 3 2 61 3 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0360 0.32 1.00 1.69 354.0 10.0 279.2 2.0 0
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0.00 23. 1018. 0 ADJ-A1 NoSubs
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17 3 2 61 16 49.3 0.220 0.990 0.010 715. 249. -19.6 0.0230 0.32 0.20 2.91 202.0 10.0 293.1 2.0 0
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17 3 2 61 17 19.7 0.118 0.738 0.010 738. 102. -7.5 0.0230 0.32 0.27 1.42 208.0 10.0 293.1 2.0 0
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0.00 100. 1014. 0 ADJ-SFC NoSubs
17 3 3 62 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.39 0.00 0.0 10.0 279.9 2.0 0
0.00 92. 1014. 0 ADJ-SFC NoSubs
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0.00 68. 1014. 0 ADJ-SFC NoSubs
17 3 3 62 11 77.8 -9.000 -9.000 -9.000 278. -999. -99999.0 0.0304 0.32 0.17 999.00 999.0 -9.0 288.1 2.0
9999 -9.00 999. 1007. 0 NAD Sub_CC-TT
17 3 3 62 12 89.9 0.194 0.943 0.010 336. 204. -7.3 0.0230 0.32 0.17 2.33 186.0 10.0 290.4 2.0 0
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17 3 3 62 16 49.3 0.221 0.860 0.005 466. 251. -19.8 0.0340 0.32 0.20 2.71 231.0 10.0 289.9 2.0 0
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17 3 4 63 16 49.3 0.413 -9.000 -9.000 -999. 636. -128.6 0.0340 0.32 0.20 5.63 228.0 10.0 285.9 2.0 0
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17 3 4 63 17 3.6 0.426 -9.000 -9.000 -999. 668. -1929.8 0.0340 0.32 0.27 6.04 234.0 10.0 285.9 2.0 0
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17 3 4 63 19 -14.0 0.154 -9.000 -9.000 -999. 147. 26.3 0.0230 0.32 1.00 2.54 204.0 10.0 284.9 2.0 0
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2.00 999. 1007. 10 ADJ-A1 NoSubs
17 3 5 64 2 -6.7 0.107 -9.000 -9.000 -999. 94. 16.5 0.0370 0.32 1.00 1.67 150.0 10.0 283.1 2.0 11
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17 3 5 64 14 85.8 0.520 1.458 0.005 1303. 901. -148.0 0.0280 0.32 0.17 7.38 241.0 10.0 284.9 2.0 0
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0.00 92. 1017. 7 ADJ-A1 NoSubs
17 3 6 65 1 -9.3 0.125 -9.000 -9.000 -999. 106. 19.0 0.0310 0.32 1.00 1.99 318.0 10.0 276.4 2.0 0
0.00 96. 1017. 3 ADJ-A1 NoSubs
17 3 6 65 2 -10.2 0.131 -9.000 -9.000 -999. 114. 20.0 0.0310 0.32 1.00 2.08 322.0 10.0 276.4 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
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0.50 95. 1020. 10 ADJ-A1 NoSubs
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0.00 85. 1020. 10 ADJ-A1 NoSubs
17 3 6 65 10 13.1 0.121 0.352 0.005 121. 101. -12.2 0.0300 0.32 0.19 1.45 50.0 10.0 281.4 2.0 0
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17 3 6 65 11 18.4 0.145 0.483 0.005 223. 132. -15.0 0.0340 0.32 0.17 1.73 139.0 10.0 283.8 2.0 0
0.00 70. 1021. 10 ADJ-A1 NoSubs
17 3 6 65 12 21.4 0.186 0.559 0.005 297. 192. -27.4 0.0370 0.32 0.17 2.30 175.0 10.0 284.2 2.0 0
0.00 76. 1021. 10 ADJ-A1 NoSubs
17 3 6 65 13 96.4 0.310 1.110 0.005 517. 414. -28.0 0.0230 0.32 0.17 4.20 194.0 10.0 285.4 2.0 0
0.00 71. 1020. 3 ADJ-A1 NoSubs
17 3 6 65 14 90.5 0.316 1.235 0.005 758. 426. -31.7 0.0230 0.32 0.17 4.32 203.0 10.0 285.9 2.0 0
0.00 68. 1020. 3 ADJ-A1 NoSubs
17 3 6 65 15 75.9 0.321 1.235 0.005 902. 437. -39.7 0.0340 0.32 0.17 4.14 211.0 10.0 285.9 2.0 0
0.00 68. 1020. 3 ADJ-A1 NoSubs
17 3 6 65 16 50.5 0.332 1.108 0.005 981. 460. -66.2 0.0340 0.32 0.20 4.41 221.0 10.0 284.9 2.0 0
0.00 71. 1020. 0 ADJ-A1 NoSubs
17 3 6 65 17 20.6 0.300 0.831 0.005 1011. 394. -118.6 0.0280 0.32 0.26 4.22 247.0 10.0 284.2 2.0 0
0.00 74. 1020. 0 ADJ-A1 NoSubs
17 3 6 65 18 -10.3 0.156 -9.000 -9.000 -999. 162. 33.6 0.0340 0.32 0.48 2.37 233.0 10.0 283.1 2.0 0
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17 3 6 65 19 -4.8 0.089 -9.000 -9.000 -999. 66. 13.5 0.0280 0.32 1.00 1.47 256.0 10.0 283.1 2.0 0
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17 3 6 65 20 -7.2 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.32 1.00 1.76 306.0 10.0 280.9 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
17 3 6 65 21 -8.5 0.120 -9.000 -9.000 -999. 99. 18.3 0.0310 0.32 1.00 1.91 315.0 10.0 280.4 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
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17 3 6 65 24 -6.3 0.102 -9.000 -9.000 -999. 79. 15.4 0.0310 0.32 1.00 1.65 320.0 10.0 278.8 2.0 0
0.00 95. 1022. 0 ADJ-A1 NoSubs
17 3 7 66 1 -11.1 0.137 -9.000 -9.000 -999. 121. 21.0 0.0310 0.32 1.00 2.16 318.0 10.0 278.1 2.0 0
0.00 100. 1022. 0 ADJ-A1 NoSubs
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17 3 7 66 4 -3.8 0.080 -9.000 -9.000 -999. 55. 12.2 0.0300 0.32 1.00 1.28 46.0 10.0 277.5 2.0 0
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0.00 100. 1021. 0 ADJ-A1 NoSubs
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0.00 100. 1022. 0 ADJ-A1 NoSubs
17 3 7 66 7 -3.3 0.075 -9.000 -9.000 -999. 49. 11.7 0.0310 0.32 1.00 1.16 308.0 10.0 276.4 2.0 0
0.00 100. 1022. 0 ADJ-A1 NoSubs
17 3 7 66 8 0.7 0.073 0.057 0.005 10. 47. -52.9 0.0310 0.32 0.37 0.97 300.0 10.0 279.9 2.0 0
0.00 95. 1022. 0 ADJ-A1 NoSubs
17 3 7 66 9 32.8 0.112 0.503 0.005 141. 89. -3.9 0.0300 0.32 0.23 1.17 117.0 10.0 282.0 2.0 0
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17 3 7 66 10 60.7 0.179 0.917 0.005 462. 182. -8.7 0.0300 0.32 0.18 2.08 98.0 10.0 284.9 2.0 0
0.00 73. 1022. 0 ADJ-A1 NoSubs
17 3 7 66 11 81.0 0.214 1.163 0.006 708. 237. -11.0 0.0300 0.32 0.17 2.54 95.0 10.0 287.0 2.0 0

0.00 63. 1022. 0 ADJ-A1 NoSubs
17 3 7 66 12 92.7 0.166 1.260 0.006 787. 163. -4.5 0.0370 0.32 0.17 1.69 179.0 10.0 288.1 2.0 0
0.00 57. 1022. 0 ADJ-A1 NoSubs
17 3 7 66 13 95.6 0.191 1.308 0.006 854. 201. -6.7 0.0230 0.32 0.17 2.28 208.0 10.0 288.8 2.0 0
0.00 61. 1021. 0 ADJ-A1 NoSubs
17 3 7 66 14 74.3 0.183 1.239 0.006 933. 187. -7.4 0.0270 0.32 0.17 2.13 89.0 10.0 290.4 2.0 0
0.00 49. 1020. 7 ADJ-A1 NoSubs
17 3 7 66 15 74.8 0.294 1.274 0.007 1005. 383. -30.9 0.0340 0.32 0.17 3.73 226.0 10.0 289.2 2.0 0
0.00 59. 1019. 0 ADJ-A1 NoSubs
17 3 7 66 16 51.9 0.303 1.143 0.007 1047. 400. -48.7 0.0280 0.32 0.20 4.10 242.0 10.0 289.2 2.0 0
0.00 61. 1019. 0 ADJ-A1 NoSubs
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0.00 68. 1019. 0 ADJ-A1 NoSubs
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0.00 86. 1020. 0 ADJ-A1 NoSubs
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0.00 89. 1020. 0 ADJ-A1 NoSubs
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0.00 89. 1020. 0 ADJ-A1 NoSubs
17 3 7 66 23 -11.7 0.142 -9.000 -9.000 -999. 128. 22.0 0.0310 0.32 1.00 2.23 306.0 10.0 282.0 2.0 0
0.00 89. 1020. 0 ADJ-A1 NoSubs
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0.00 95. 1020. 0 ADJ-A1 NoSubs
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0.00 89. 1020. 0 ADJ-A1 NoSubs
17 3 8 67 9 34.2 0.144 0.520 0.010 149. 131. -7.9 0.0270 0.32 0.23 1.69 61.0 10.0 285.9 2.0 0
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17 3 8 67 10 62.1 0.146 0.780 0.011 278. 134. -4.6 0.0340 0.32 0.18 1.52 131.0 10.0 288.1 2.0 0
0.00 63. 1020. 0 ADJ-A1 NoSubs
17 3 8 67 11 82.4 0.162 0.931 0.010 356. 156. -4.7 0.0370 0.32 0.17 1.66 157.0 10.0 290.4 2.0 0
0.00 59. 1020. 0 ADJ-A1 NoSubs
17 3 8 67 12 94.1 0.166 1.040 0.009 435. 163. -4.4 0.0370 0.32 0.17 1.69 166.0 10.0 291.4 2.0 0
0.00 55. 1019. 0 ADJ-A1 NoSubs
17 3 8 67 13 97.2 0.214 1.169 0.010 596. 238. -9.2 0.0230 0.32 0.17 2.64 186.0 10.0 293.1 2.0 0
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17 3 8 67 14 91.1 0.276 1.170 0.009 638. 348. -21.0 0.0340 0.32 0.17 3.40 220.0 10.0 293.1 2.0 0

0.00 56. 1017. 0 ADJ-A1 NoSubs
17 3 8 67 15 76.2 0.258 1.121 0.009 670. 315. -20.4 0.0340 0.32 0.17 3.17 215.0 10.0 292.5 2.0 0
0.00 51. 1017. 0 ADJ-A1 NoSubs
17 3 8 67 16 53.2 0.234 1.005 0.008 692. 272. -21.8 0.0370 0.32 0.19 2.84 179.0 10.0 292.5 2.0 0
0.00 54. 1016. 0 ADJ-A1 NoSubs
17 3 8 67 17 23.1 0.200 0.765 0.008 700. 215. -31.4 0.0340 0.32 0.26 2.54 214.0 10.0 291.4 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
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0.00 61. 1016. 0 ADJ-A1 NoSubs
17 3 8 67 19 -4.0 0.082 -9.000 -9.000 -999. 57. 12.8 0.0340 0.32 1.00 1.30 232.0 10.0 288.1 2.0 0
0.00 68. 1016. 0 ADJ-A1 NoSubs
17 3 8 67 20 -8.4 0.120 -9.000 -9.000 -999. 99. 18.5 0.0310 0.32 1.00 1.91 312.0 10.0 287.0 2.0 0
0.00 80. 1017. 0 ADJ-A1 NoSubs
17 3 8 67 21 -4.8 0.090 -9.000 -9.000 -999. 65. 13.8 0.0340 0.32 1.00 1.43 215.0 10.0 284.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
17 3 8 67 22 -6.5 0.104 -9.000 -9.000 -999. 81. 15.8 0.0280 0.32 1.00 1.71 249.0 10.0 283.8 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
17 3 8 67 23 -3.8 0.079 -9.000 -9.000 -999. 53. 12.0 0.0250 0.32 1.00 1.31 280.0 10.0 283.8 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
17 3 8 67 24 -9.6 0.128 -9.000 -9.000 -999. 110. 19.7 0.0310 0.32 1.00 2.03 307.0 10.0 283.1 2.0 0
0.00 96. 1018. 0 ADJ-A1 NoSubs
17 3 9 68 1 -5.0 0.091 -9.000 -9.000 -999. 66. 13.8 0.0310 0.32 1.00 1.47 327.0 10.0 282.5 2.0 0
0.00 96. 1018. 0 ADJ-A1 NoSubs
17 3 9 68 2 -10.8 0.136 -9.000 -9.000 -999. 120. 21.1 0.0310 0.32 1.00 2.15 321.0 10.0 282.5 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
17 3 9 68 3 -7.0 0.108 -9.000 -9.000 -999. 85. 16.5 0.0310 0.32 1.00 1.74 300.0 10.0 282.0 2.0 0
0.00 95. 1016. 0 ADJ-A1 NoSubs
17 3 9 68 4 -8.9 0.123 -9.000 -9.000 -999. 103. 18.9 0.0310 0.32 1.00 1.96 317.0 10.0 282.0 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 3 9 68 5 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.32 1.00 1.37 310.0 10.0 282.5 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
17 3 9 68 6 -3.5 0.078 -9.000 -9.000 -999. 52. 12.3 0.0360 0.32 1.00 1.20 356.0 10.0 282.0 2.0 0
0.00 100. 1017. 0 ADJ-A1 NoSubs
17 3 9 68 7 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.32 1.00 1.33 319.0 10.0 282.0 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 3 9 68 8 2.9 0.073 0.149 0.016 42. 47. -12.1 0.0230 0.32 0.35 0.92 182.0 10.0 284.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
17 3 9 68 9 35.3 0.109 0.506 0.014 133. 86. -3.3 0.0340 0.32 0.22 1.09 129.0 10.0 287.0 2.0 0
0.00 86. 1017. 0 ADJ-A1 NoSubs
17 3 9 68 10 63.3 0.143 0.721 0.012 214. 130. -4.2 0.0300 0.32 0.18 1.52 115.0 10.0 290.4 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
17 3 9 68 11 83.6 0.121 0.880 0.010 296. 101. -1.9 0.0340 0.32 0.17 1.11 121.0 10.0 292.0 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
17 3 9 68 12 95.6 0.146 0.990 0.009 369. 135. -3.0 0.0370 0.32 0.17 1.41 174.0 10.0 294.2 2.0 0
0.00 63. 1016. 0 ADJ-A1 Sub_CC
17 3 9 68 13 98.4 0.195 1.054 0.009 431. 206. -6.8 0.0370 0.32 0.17 2.10 176.0 10.0 294.9 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
17 3 9 68 14 92.4 0.306 1.085 0.009 501. 407. -28.2 0.0340 0.32 0.17 3.86 224.0 10.0 295.4 2.0 0
0.00 60. 1015. 0 ADJ-A1 NoSubs
17 3 9 68 15 77.6 0.281 1.086 0.008 599. 359. -26.0 0.0280 0.32 0.17 3.66 250.0 10.0 295.4 2.0 0
0.00 54. 1015. 0 ADJ-A1 NoSubs
17 3 9 68 16 54.1 0.209 0.993 0.008 655. 232. -15.4 0.0230 0.32 0.19 2.71 196.0 10.0 293.8 2.0 0
0.00 62. 1015. 0 ADJ-A1 NoSubs
17 3 9 68 17 23.9 0.195 0.764 0.008 676. 207. -28.2 0.0370 0.32 0.26 2.42 167.0 10.0 292.0 2.0 0

0.00 69. 1014. 0 ADJ-A1 NoSubs
17 3 9 68 18 -7.3 0.132 -9.000 -9.000 -999. 116. 28.8 0.0370 0.32 0.47 1.99 160.0 10.0 288.1 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
17 3 9 68 19 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0230 0.32 1.00 1.84 209.0 10.0 287.0 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
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17 3 9 68 21 -6.1 0.100 -9.000 -9.000 -999. 76. 15.0 0.0230 0.32 1.00 1.70 187.0 10.0 285.9 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
17 3 9 68 22 -2.2 0.065 -9.000 -9.000 -999. 40. 11.5 0.0310 0.32 1.00 0.92 315.0 10.0 286.4 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
17 3 9 68 23 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0360 0.32 1.00 1.35 331.0 10.0 285.4 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 3 9 68 24 -3.1 0.073 -9.000 -9.000 -999. 48. 11.5 0.0280 0.32 1.00 1.16 261.0 10.0 284.9 2.0 0
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17 3 10 69 1 -3.2 0.074 -9.000 -9.000 -999. 48. 11.4 0.0250 0.32 1.00 1.20 277.0 10.0 283.8 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 3 10 69 2 -3.5 0.077 -9.000 -9.000 -999. 51. 11.7 0.0250 0.32 1.00 1.26 280.0 10.0 284.2 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 3 10 69 3 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0310 0.32 1.00 1.44 320.0 10.0 283.8 2.0 0
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0.00 100. 1015. 0 ADJ-SFC NoSubs
17 3 10 69 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 100. 1015. 0 ADJ-SFC NoSubs
17 3 10 69 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 100. 1015. 0 ADJ-SFC NoSubs
17 3 10 69 7 -6.9 0.108 -9.000 -9.000 -999. 85. 16.3 0.0280 0.32 1.00 1.76 259.0 10.0 283.8 2.0 0
0.00 100. 1016. 0 ADJ-SFC NoSubs
17 3 10 69 8 3.7 -9.000 -9.000 -9.000 114. -999. -99999.0 0.0304 0.32 0.35 0.00 0.0 10.0 284.9 2.0 0
0.00 100. 1016. 0 ADJ-SFC NoSubs
17 3 10 69 9 36.1 0.145 0.587 0.015 203. 133. -7.7 0.0230 0.32 0.22 1.76 185.0 10.0 286.4 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
17 3 10 69 10 63.8 -9.000 -9.000 -9.000 247. -999. -99999.0 0.0304 0.32 0.18 0.00 0.0 10.0 288.1 2.0 0
0.00 89. 1016. 0 ADJ-SFC NoSubs
17 3 10 69 11 84.0 -9.000 -9.000 -9.000 394. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 289.9 2.0 0
0.00 77. 1016. 0 ADJ-SFC NoSubs
17 3 10 69 12 95.8 -9.000 -9.000 -9.000 467. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 292.0 2.0 0
0.00 69. 1015. 0 ADJ-SFC NoSubs
17 3 10 69 13 98.9 0.230 1.118 0.012 511. 265. -11.2 0.0370 0.32 0.16 2.62 176.0 10.0 293.8 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
17 3 10 69 14 93.0 0.172 1.122 0.011 549. 172. -4.9 0.0230 0.32 0.17 1.98 205.0 10.0 294.9 2.0 0
0.00 62. 1014. 0 ADJ-A1 NoSubs
17 3 10 69 15 78.2 0.200 1.081 0.009 581. 214. -9.2 0.0370 0.32 0.17 2.23 179.0 10.0 295.4 2.0 9999
-9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
17 3 10 69 16 55.4 0.214 0.973 0.009 600. 238. -16.0 0.0230 0.32 0.19 2.78 197.0 10.0 295.9 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
17 3 10 69 17 25.0 0.225 0.749 0.008 606. 256. -41.2 0.0340 0.32 0.26 2.91 228.0 10.0 294.2 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
17 3 10 69 18 -6.6 0.137 -9.000 -9.000 -999. 125. 35.1 0.0280 0.32 0.46 2.15 251.0 10.0 292.5 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
17 3 10 69 19 -5.9 0.101 -9.000 -9.000 -999. 77. 15.6 0.0340 0.32 1.00 1.60 213.0 10.0 288.1 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
17 3 10 69 20 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0370 0.32 1.00 1.31 162.0 10.0 285.9 2.0 0

0.00 96. 1013. 0 ADJ-A1 NoSubs
17 3 10 69 21 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.32 1.00 1.59 197.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 3 10 69 22 -3.5 0.078 -9.000 -9.000 -999. 52. 12.2 0.0340 0.32 1.00 1.21 216.0 10.0 285.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 3 10 69 23 -4.3 0.085 -9.000 -9.000 -999. 59. 12.7 0.0250 0.32 1.00 1.42 282.0 10.0 284.2 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 3 10 69 24 -3.6 0.080 -9.000 -9.000 -999. 54. 12.5 0.0360 0.32 1.00 1.23 333.0 10.0 284.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 3 11 70 1 -6.5 0.105 -9.000 -9.000 -999. 82. 16.0 0.0310 0.32 1.00 1.69 312.0 10.0 284.9 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 3 11 70 2 -10.8 0.136 -9.000 -9.000 -999. 120. 21.2 0.0310 0.32 1.00 2.15 311.0 10.0 284.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 3 11 70 3 -6.1 0.102 -9.000 -9.000 -999. 78. 15.5 0.0310 0.32 1.00 1.64 312.0 10.0 283.8 2.0 0
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17 3 11 70 4 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0300 0.32 1.00 1.45 11.0 10.0 284.9 2.0 0
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17 3 11 70 5 -3.4 0.075 -9.000 -9.000 -999. 50. 11.5 0.0230 0.32 1.00 1.25 190.0 10.0 283.1 2.0 0
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17 3 11 70 6 -5.1 0.092 -9.000 -9.000 -999. 67. 13.7 0.0250 0.32 1.00 1.54 273.0 10.0 283.1 2.0 0
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17 3 11 70 7 -8.4 0.120 -9.000 -9.000 -999. 99. 18.4 0.0310 0.32 1.00 1.91 313.0 10.0 283.1 2.0 0
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17 3 11 70 8 4.6 0.078 0.146 0.016 24. 52. -9.3 0.0300 0.32 0.34 0.91 50.0 10.0 285.4 2.0 0
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17 3 11 70 9 37.3 0.100 0.514 0.016 132. 76. -2.5 0.0300 0.32 0.22 0.99 119.0 10.0 288.1 2.0 0
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17 3 11 70 10 65.1 0.125 0.700 0.013 191. 106. -2.7 0.0340 0.32 0.18 1.21 140.0 10.0 290.4 2.0 0
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17 3 11 70 11 85.5 0.156 0.890 0.012 299. 148. -4.0 0.0370 0.32 0.17 1.57 150.0 10.0 293.1 2.0 0
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17 3 11 70 12 96.9 0.248 1.025 0.012 403. 296. -14.2 0.0370 0.32 0.17 2.89 175.0 10.0 293.1 2.0 0
0.00 72. 1015. 0 ADJ-A1 NoSubs
17 3 11 70 13 99.7 0.264 1.092 0.011 473. 325. -16.7 0.0230 0.32 0.16 3.44 197.0 10.0 294.2 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
17 3 11 70 14 93.4 0.280 1.102 0.010 519. 356. -21.4 0.0230 0.32 0.17 3.73 189.0 10.0 293.8 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
17 3 11 70 15 78.2 0.237 1.062 0.009 554. 278. -15.4 0.0370 0.32 0.17 2.79 166.0 10.0 292.5 2.0 0
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17 3 11 70 16 55.3 0.228 0.960 0.009 578. 262. -19.4 0.0370 0.32 0.19 2.74 164.0 10.0 293.1 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
17 3 11 70 17 24.7 0.273 0.738 0.008 586. 342. -74.1 0.0370 0.32 0.25 3.58 173.0 10.0 290.4 2.0 0
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17 3 11 70 18 -9.6 0.191 -9.000 -9.000 -999. 202. 65.5 0.0230 0.32 0.45 3.05 182.0 10.0 287.5 2.0 0
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17 3 11 70 20 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.32 1.00 1.62 201.0 10.0 285.9 2.0 0
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17 3 11 70 21 -4.4 0.085 -9.000 -9.000 -999. 60. 12.9 0.0280 0.32 1.00 1.40 245.0 10.0 284.2 2.0 0
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17 3 11 70 22 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.32 1.00 1.23 306.0 10.0 284.9 2.0 0
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17 3 11 70 23 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0310 0.32 1.00 1.74 308.0 10.0 283.8 2.0 0

0.00 100. 1016. 0 ADJ-A1 NoSubs
17 3 11 70 24 -7.6 0.114 -9.000 -9.000 -999. 92. 17.4 0.0310 0.32 1.00 1.82 314.0 10.0 283.1 2.0 0
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17 3 12 71 2 -4.4 0.086 -9.000 -9.000 -999. 60. 13.0 0.0310 0.32 1.00 1.38 323.0 10.0 281.4 2.0 0
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17 3 12 71 6 -4.1 0.083 -9.000 -9.000 -999. 57. 12.4 0.0250 0.32 1.00 1.38 283.0 10.0 280.9 2.0 0
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17 3 12 71 7 -4.0 0.081 -9.000 -9.000 -999. 56. 12.2 0.0250 0.32 0.73 1.35 290.0 10.0 280.9 2.0 0
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17 3 12 71 8 5.3 0.081 0.223 0.019 76. 55. -9.2 0.0310 0.32 0.34 0.94 307.0 10.0 284.2 2.0 0
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17 3 12 71 10 65.9 0.152 0.725 0.017 210. 143. -4.8 0.0340 0.32 0.18 1.60 121.0 10.0 290.4 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
17 3 12 71 11 86.3 0.146 0.891 0.014 297. 134. -3.2 0.0340 0.32 0.17 1.45 141.0 10.0 293.1 2.0 0
0.00 60. 1016. 0 ADJ-A1 NoSubs
17 3 12 71 12 98.0 0.174 1.018 0.012 389. 174. -4.9 0.0300 0.32 0.17 1.88 107.0 10.0 294.9 2.0 0
0.00 52. 1015. 0 ADJ-A1 NoSubs
17 3 12 71 13 101.0 0.164 1.071 0.010 440. 159. -3.9 0.0370 0.32 0.16 1.64 167.0 10.0 296.4 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
17 3 12 71 14 94.8 0.273 1.076 0.009 476. 343. -19.5 0.0230 0.32 0.17 3.61 195.0 10.0 296.4 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
17 3 12 71 15 79.6 0.266 1.035 0.008 503. 330. -21.4 0.0230 0.32 0.17 3.54 202.0 10.0 295.4 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
17 3 12 71 16 56.6 0.218 0.936 0.007 523. 245. -16.5 0.0230 0.32 0.19 2.84 186.0 10.0 295.9 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
17 3 12 71 17 26.1 0.224 0.726 0.006 530. 255. -39.0 0.0370 0.32 0.25 2.84 153.0 10.0 293.8 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
17 3 12 71 18 -9.3 0.202 -9.000 -9.000 -999. 218. 80.1 0.0340 0.32 0.45 3.01 136.0 10.0 289.2 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
17 3 12 71 19 -13.0 0.151 -9.000 -9.000 -999. 141. 25.1 0.0340 0.32 1.00 2.33 148.0 10.0 287.0 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
17 3 12 71 20 -6.5 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.32 1.00 1.76 206.0 10.0 284.9 2.0 0
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17 3 12 71 21 -5.3 0.094 -9.000 -9.000 -999. 70. 14.5 0.0340 0.32 1.00 1.50 238.0 10.0 284.9 2.0 0
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17 3 12 71 22 -4.4 0.085 -9.000 -9.000 -999. 60. 13.0 0.0280 0.32 1.00 1.40 246.0 10.0 285.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 3 12 71 23 -4.7 0.089 -9.000 -9.000 -999. 63. 13.5 0.0310 0.32 1.00 1.43 309.0 10.0 284.2 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 3 12 71 24 -11.9 0.143 -9.000 -9.000 -999. 130. 22.5 0.0310 0.32 1.00 2.25 308.0 10.0 283.8 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 3 13 72 1 -10.8 0.136 -9.000 -9.000 -999. 120. 21.1 0.0310 0.32 1.00 2.15 312.0 10.0 282.5 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
17 3 13 72 2 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0360 0.32 1.00 1.59 342.0 10.0 282.0 2.0 0

0.00 95. 1015. 0 ADJ-A1 NoSubs
17 3 13 72 3 -14.8 0.160 -9.000 -9.000 -999. 154. 28.2 0.0310 0.32 1.00 2.50 315.0 10.0 282.0 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
17 3 13 72 4 -10.2 0.131 -9.000 -9.000 -999. 114. 19.9 0.0250 0.32 1.00 2.15 298.0 10.0 282.0 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
17 3 13 72 5 -8.0 0.116 -9.000 -9.000 -999. 95. 17.7 0.0310 0.32 1.00 1.86 323.0 10.0 281.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
17 3 13 72 6 -2.6 0.069 -9.000 -9.000 -999. 43. 11.4 0.0310 0.32 1.00 1.01 325.0 10.0 282.0 2.0 0
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17 3 13 72 7 -2.0 0.064 -9.000 -9.000 -999. 39. 11.7 0.0310 0.32 0.72 0.86 315.0 10.0 282.0 2.0 0
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17 3 13 72 8 6.3 0.077 0.187 0.020 38. 51. -6.6 0.0300 0.32 0.33 0.87 5.0 10.0 285.4 2.0 0 0.00
82. 1014. 0 ADJ-A1 NoSubs
17 3 13 72 9 39.3 0.176 0.508 0.017 120. 178. -12.6 0.0270 0.32 0.22 2.17 73.0 10.0 289.2 2.0 0
0.00 66. 1014. 0 ADJ-A1 Sub_CC
17 3 13 72 10 67.4 0.202 0.713 0.015 194. 217. -11.0 0.0270 0.32 0.18 2.45 87.0 10.0 293.1 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
17 3 13 72 11 88.0 0.231 0.897 0.014 296. 266. -12.6 0.0300 0.32 0.17 2.78 91.0 10.0 296.4 2.0 0
0.00 42. 1013. 0 ADJ-A1 NoSubs
17 3 13 72 12 99.7 0.289 1.045 0.012 414. 372. -21.8 0.0270 0.32 0.16 3.73 83.0 10.0 298.1 2.0 0
0.00 38. 1012. 0 ADJ-A1 NoSubs
17 3 13 72 13 102.9 0.224 1.087 0.010 450. 256. -9.9 0.0270 0.32 0.16 2.69 86.0 10.0 300.4 2.0 0
0.00 32. 1011. 0 ADJ-A1 NoSubs
17 3 13 72 14 96.8 0.239 1.088 0.009 480. 281. -12.8 0.0270 0.32 0.17 2.95 62.0 10.0 300.9 2.0 0
0.00 32. 1010. 0 ADJ-A1 NoSubs
17 3 13 72 15 82.2 0.277 1.048 0.007 504. 349. -23.1 0.0270 0.32 0.17 3.59 75.0 10.0 302.0 2.0 0
0.00 28. 1010. 0 ADJ-A1 NoSubs
17 3 13 72 16 58.2 0.261 0.946 0.007 524. 320. -27.5 0.0370 0.32 0.19 3.23 150.0 10.0 299.2 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
17 3 13 72 17 27.9 0.170 0.748 0.007 541. 171. -15.8 0.0230 0.32 0.25 2.20 205.0 10.0 298.1 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
17 3 13 72 18 -4.1 0.117 -9.000 -9.000 -999. 96. 35.0 0.0340 0.32 0.44 1.77 215.0 10.0 295.9 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
17 3 13 72 19 -12.0 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.32 1.00 2.36 182.0 10.0 287.0 2.0 0
0.00 89. 1010. 0 ADJ-SFC NoSubs
17 3 13 72 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 96. 1010. 0 ADJ-SFC NoSubs
17 3 13 72 21 -6.5 0.104 -9.000 -9.000 -999. 80. 15.6 0.0230 0.32 1.00 1.76 205.0 10.0 286.4 2.0 0
0.00 92. 1011. 0 ADJ-SFC NoSubs
17 3 13 72 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 92. 1011. 0 ADJ-SFC NoSubs
17 3 13 72 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 96. 1011. 0 ADJ-SFC NoSubs
17 3 13 72 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 96. 1011. 0 ADJ-SFC NoSubs
17 3 14 73 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0 0
0.00 96. 1011. 0 ADJ-SFC NoSubs
17 3 14 73 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 83. 1011. 0 ADJ-SFC NoSubs
17 3 14 73 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 0
0.00 89. 1011. 0 ADJ-SFC NoSubs
17 3 14 73 4 -6.7 0.105 -9.000 -9.000 -999. 82. 15.8 0.0250 0.32 1.00 1.76 285.0 10.0 284.9 2.0 0
0.00 92. 1011. 0 ADJ-SFC NoSubs
17 3 14 73 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0 0

0.00 96. 1011. 0 ADJ-SFC NoSubs
17 3 14 73 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.5 2.0 0
0.00 96. 1011. 0 ADJ-SFC NoSubs
17 3 14 73 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.70 0.00 0.0 10.0 283.1 2.0 0
0.00 100. 1012. 0 ADJ-SFC NoSubs
17 3 14 73 8 7.5 -9.000 -9.000 -9.000 35. -999. -99999.0 0.0304 0.32 0.33 0.00 0.0 10.0 287.5 2.0 0
0.00 83. 1012. 0 ADJ-SFC NoSubs
17 3 14 73 9 40.6 0.192 0.543 0.016 142. 202. -15.7 0.0300 0.32 0.21 2.36 94.0 10.0 291.4 2.0 0
0.00 67. 1012. 0 ADJ-SFC NoSubs
17 3 14 73 10 68.5 0.200 0.753 0.015 225. 214. -10.5 0.0300 0.32 0.18 2.36 102.0 10.0 294.2 2.0 0
0.00 60. 1012. 0 ADJ-SFC NoSubs
17 3 14 73 11 88.9 0.195 0.907 0.013 303. 207. -7.6 0.0230 0.32 0.17 2.36 191.0 10.0 297.0 2.0 0
0.00 52. 1012. 0 ADJ-SFC NoSubs
17 3 14 73 12 98.9 0.431 1.002 0.005 367. 680. -73.3 0.0280 0.32 0.16 5.96 248.0 10.0 292.0 2.0 0
0.00 72. 1013. 0 ADJ-SFC NoSubs
17 3 14 73 13 101.7 0.271 1.062 0.009 426. 358. -17.7 0.0304 0.32 0.16 3.36 999.0 10.0 293.1 2.0 0
0.00 67. 1012. 0 ADJ-SFC NoSubs
17 3 14 73 14 95.3 0.393 1.077 0.005 474. 590. -57.3 0.0280 0.32 0.17 5.36 242.0 10.0 293.1 2.0 0
0.00 64. 1012. 0 ADJ-SFC NoSubs
17 3 14 73 15 80.4 0.326 1.044 0.006 511. 450. -39.0 0.0280 0.32 0.17 4.36 242.0 10.0 293.1 2.0 0
0.00 60. 1012. 0 ADJ-SFC NoSubs
17 3 14 73 16 56.8 0.236 0.944 0.005 534. 280. -20.9 0.0370 0.32 0.19 2.86 170.0 10.0 291.4 2.0 0
0.00 75. 1012. 0 ADJ-SFC NoSubs
17 3 14 73 17 26.3 0.238 0.735 0.005 543. 278. -45.9 0.0230 0.32 0.25 3.32 182.0 10.0 289.2 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
17 3 14 73 18 -7.0 0.167 -9.000 -9.000 -999. 166. 60.1 0.0370 0.32 0.44 2.47 178.0 10.0 287.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
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0.00 100. 1012. 0 ADJ-A1 NoSubs
17 3 14 73 20 -5.4 0.094 -9.000 -9.000 -999. 69. 14.0 0.0230 0.32 1.00 1.60 180.0 10.0 283.8 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 3 14 73 21 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0340 0.32 1.00 1.14 219.0 10.0 284.2 2.0 0
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17 3 14 73 24 -2.8 0.071 -9.000 -9.000 -999. 45. 11.4 0.0300 0.32 1.00 1.08 13.0 10.0 284.2 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 3 15 74 1 -3.3 0.075 -9.000 -9.000 -999. 49. 11.7 0.0280 0.32 1.00 1.20 243.0 10.0 284.2 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 3 15 74 2 -4.0 0.083 -9.000 -9.000 -999. 58. 12.8 0.0340 0.32 1.00 1.31 227.0 10.0 283.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 3 15 74 3 -3.2 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.32 1.00 1.20 70.0 10.0 284.2 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 3 15 74 4 -2.5 0.068 -9.000 -9.000 -999. 42. 11.4 0.0310 0.32 1.00 0.99 325.0 10.0 284.2 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 3 15 74 5 -10.1 0.131 -9.000 -9.000 -999. 114. 20.1 0.0280 0.32 1.00 2.11 256.0 10.0 283.1 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 3 15 74 6 -4.3 0.085 -9.000 -9.000 -999. 59. 12.9 0.0300 0.32 1.00 1.37 15.0 10.0 283.1 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 3 15 74 7 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0300 0.32 0.69 1.89 22.0 10.0 283.1 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 3 15 74 8 0.4 0.134 0.053 0.014 13. 118. -530.3 0.0250 0.32 0.32 1.99 272.0 10.0 283.8 2.0 0

0.00 100. 1016. 10 ADJ-A1 NoSubs
17 3 15 74 9 8.5 0.100 0.244 0.014 61. 76. -10.6 0.0230 0.32 0.21 1.25 200.0 10.0 283.8 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
17 3 15 74 10 15.5 0.134 0.353 0.014 103. 118. -14.1 0.0270 0.32 0.18 1.67 80.0 10.0 284.9 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
17 3 15 74 11 20.6 0.137 0.432 0.015 141. 121. -11.2 0.0280 0.32 0.17 1.65 247.0 10.0 286.4 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
17 3 15 74 12 98.9 0.198 0.870 0.014 241. 212. -7.1 0.0340 0.32 0.16 2.19 215.0 10.0 288.1 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
17 3 15 74 13 101.7 0.215 1.007 0.014 364. 240. -8.9 0.0230 0.32 0.16 2.64 193.0 10.0 289.9 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
17 3 15 74 14 95.1 0.338 1.078 0.014 476. 472. -36.8 0.0340 0.32 0.17 4.34 223.0 10.0 288.8 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
17 3 15 74 15 79.9 0.284 1.058 0.012 537. 364. -25.9 0.0230 0.32 0.17 3.83 204.0 10.0 287.5 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
17 3 15 74 16 58.6 0.302 0.968 0.012 561. 398. -42.5 0.0340 0.32 0.19 3.91 210.0 10.0 285.9 2.0 0
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17 3 15 74 23 -4.0 0.082 -9.000 -9.000 -999. 57. 12.5 0.0270 0.32 1.00 1.35 67.0 10.0 285.4 2.0 0
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17 3 16 75 1 -5.3 0.095 -9.000 -9.000 -999. 71. 14.7 0.0360 0.32 1.00 1.50 336.0 10.0 284.9 2.0 0
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17 3 16 75 9 9.1 0.096 0.358 0.006 182. 72. -8.9 0.0280 0.32 0.21 1.14 240.0 10.0 286.4 2.0 0
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17 3 16 75 10 16.2 0.104 0.498 0.007 275. 80. -6.3 0.0340 0.32 0.18 1.13 131.0 10.0 288.1 2.0 0
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17 3 16 75 13 102.6 0.291 1.249 0.010 688. 377. -21.8 0.0230 0.32 0.16 3.88 197.0 10.0 290.9 2.0 0
0.00 83. 1016. 0 ADJ-A1 NoSubs
17 3 16 75 14 96.5 0.238 1.257 0.009 746. 280. -12.7 0.0230 0.32 0.17 3.03 193.0 10.0 292.0 2.0 0
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17 3 16 75 15 81.2 0.245 1.203 0.008 776. 290. -16.3 0.0230 0.32 0.17 3.18 185.0 10.0 290.9 2.0 0
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0.00 74. 1013. 0 ADJ-A1 NoSubs
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0.00 58. 1012. 0 ADJ-A1 NoSubs
17 3 17 76 12 102.3 0.144 0.983 0.012 335. 131. -2.6 0.0230 0.32 0.16 1.52 208.0 10.0 296.4 2.0 0
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17 3 17 76 13 104.6 0.256 1.047 0.011 395. 312. -14.5 0.0230 0.32 0.16 3.30 197.0 10.0 296.4 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
17 3 17 76 14 98.1 0.302 1.076 0.010 458. 398. -25.3 0.0280 0.32 0.17 3.92 240.0 10.0 295.9 2.0 0

0.00 45. 1010. 0 ADJ-A1 NoSubs
17 3 17 76 15 83.1 0.298 1.054 0.009 507. 391. -28.7 0.0340 0.32 0.17 3.76 235.0 10.0 296.4 2.0 0
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17 3 17 76 16 59.6 0.239 0.962 0.009 538. 282. -20.6 0.0230 0.32 0.19 3.17 200.0 10.0 295.4 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
17 3 17 76 17 28.2 0.290 0.754 0.008 546. 374. -77.4 0.0370 0.32 0.24 3.81 162.0 10.0 289.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 3 17 76 18 -6.8 0.207 -9.000 -9.000 -999. 228. 117.1 0.0370 0.32 0.42 3.01 158.0 10.0 287.5 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
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0.00 96. 1010. 0 ADJ-A1 NoSubs
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17 3 17 76 21 -8.7 0.122 -9.000 -9.000 -999. 103. 18.9 0.0300 0.32 1.00 1.96 117.0 10.0 285.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 3 17 76 22 -5.1 0.092 -9.000 -9.000 -999. 67. 14.0 0.0300 0.32 1.00 1.50 90.0 10.0 285.4 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
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17 3 18 77 10 70.5 0.109 0.810 0.011 273. 87. -1.7 0.0370 0.32 0.18 0.96 160.0 10.0 287.0 2.0 0
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17 3 18 77 20 -2.4 0.067 -9.000 -9.000 -999. 42. 11.2 0.0270 0.32 1.00 0.99 62.0 10.0 284.9 2.0 0
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17 3 19 78 9 44.1 0.107 0.675 0.011 251. 84. -2.5 0.0280 0.32 0.21 1.08 241.0 10.0 285.9 2.0 0
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17 3 19 78 10 71.5 0.117 0.923 0.013 397. 96. -2.0 0.0340 0.32 0.18 1.08 215.0 10.0 288.1 2.0 0
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17 3 19 78 11 91.2 0.171 1.034 0.012 438. 169. -4.9 0.0370 0.32 0.17 1.76 172.0 10.0 289.2 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
17 3 19 78 12 102.0 0.235 1.107 0.011 480. 274. -11.6 0.0370 0.32 0.16 2.69 172.0 10.0 288.8 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
17 3 19 78 13 104.1 0.285 1.169 0.011 555. 366. -20.2 0.0230 0.32 0.16 3.78 194.0 10.0 287.5 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
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0.00 83. 1012. 0 ADJ-A1 NoSubs
17 3 19 78 15 82.3 0.245 1.149 0.009 665. 292. -16.2 0.0340 0.32 0.17 2.95 228.0 10.0 286.4 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
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0.00 86. 1012. 0 ADJ-A1 NoSubs
17 3 19 78 17 28.6 0.222 0.828 0.008 716. 251. -34.6 0.0340 0.32 0.24 2.84 237.0 10.0 285.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
17 3 19 78 18 0.7 0.244 0.237 0.008 715. 289. -1970.8 0.0340 0.32 0.41 3.46 229.0 10.0 284.9 2.0 0
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0.00 92. 1011. 0 ADJ-A1 NoSubs
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0.00 96. 1011. 0 ADJ-A1 NoSubs
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0.00 92. 1011. 7 ADJ-A1 NoSubs
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0.00 92. 1011. 10 ADJ-A1 NoSubs
17 3 20 79 4 -25.5 0.257 -9.000 -9.000 -999. 312. 72.5 0.0280 0.32 1.00 3.98 246.0 10.0 284.9 2.0 0
0.00 92. 1010. 3 ADJ-A1 NoSubs
17 3 20 79 5 -6.4 0.104 -9.000 -9.000 -999. 102. 16.0 0.0340 0.32 1.00 1.65 236.0 10.0 284.2 2.0 0
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17 3 20 79 6 -5.1 0.092 -9.000 -9.000 -999. 68. 14.1 0.0340 0.32 1.00 1.47 222.0 10.0 282.5 2.0 0
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0.00 64. 1011. 7 ADJ-A1 NoSubs
17 3 20 79 13 86.4 0.127 1.190 0.011 704. 108. -2.1 0.0230 0.32 0.16 1.30 192.0 10.0 290.9 2.0 0
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2.00 96. 1010. 10 ADJ-A1 NoSubs
17 3 20 79 17 6.4 0.130 0.506 0.011 729. 112. -30.9 0.0300 0.32 0.24 1.69 2.0 10.0 288.1 2.0 11
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17 3 20 79 18 -5.0 0.117 -9.000 -9.000 -999. 96. 28.6 0.0310 0.32 0.41 1.81 313.0 10.0 287.5 2.0 11
0.80 96. 1009. 10 ADJ-A1 NoSubs
17 3 20 79 19 -6.1 0.101 -9.000 -9.000 -999. 77. 15.2 0.0250 0.32 1.00 1.69 284.0 10.0 287.0 2.0 11
1.30 100. 1009. 10 ADJ-A1 NoSubs
17 3 20 79 20 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0310 0.32 1.00 1.81 314.0 10.0 287.0 2.0 11
0.50 100. 1009. 10 ADJ-A1 NoSubs
17 3 20 79 21 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0300 0.32 1.00 1.38 28.0 10.0 287.1 2.0 11
2.50 100. 1010. 10 ADJ-A1 NoSubs
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0.80 999. 1008. 10 ADJ-A1 NoSubs
17 3 21 80 3 -8.3 0.118 -9.000 -9.000 -999. 97. 17.8 0.0230 0.32 1.00 1.98 192.0 10.0 287.0 2.0 11
0.50 999. 1007. 10 ADJ-A1 NoSubs
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17 3 21 80 8 2.3 0.303 0.182 0.005 94. 401. -1088.7 0.0370 0.32 0.29 4.22 178.0 10.0 287.5 2.0 11
2.00 999. 1008. 10 ADJ-A1 NoSubs
17 3 21 80 9 10.4 0.411 0.365 0.005 168. 632. -601.8 0.0230 0.32 0.20 6.18 206.0 10.0 287.0 2.0 11
10.90 999. 1008. 10 ADJ-A1 NoSubs
17 3 21 80 10 17.1 0.367 0.489 0.005 245. 534. -259.1 0.0230 0.32 0.18 5.45 207.0 10.0 287.0 2.0 11
0.30 999. 1009. 10 ADJ-A1 NoSubs
17 3 21 80 11 22.0 0.339 0.579 0.005 318. 475. -159.9 0.0340 0.32 0.17 4.66 212.0 10.0 287.5 2.0 11
0.30 999. 1009. 10 ADJ-A1 NoSubs
17 3 21 80 12 84.9 0.374 1.064 0.005 510. 549. -55.6 0.0340 0.32 0.16 4.92 225.0 10.0 289.2 2.0 0
0.00 999. 1010. 7 ADJ-A1 NoSubs
17 3 21 80 13 102.9 0.392 1.243 0.005 673. 589. -52.8 0.0340 0.32 0.16 5.14 222.0 10.0 289.2 2.0 0
0.00 999. 1010. 5 ADJ-A1 NoSubs
17 3 21 80 14 101.3 0.380 1.307 0.005 794. 561. -48.6 0.0340 0.32 0.16 4.95 212.0 10.0 289.9 2.0 0
0.00 86. 1009. 3 ADJ-A1 NoSubs
17 3 21 80 15 86.3 0.373 1.280 0.005 875. 548. -54.3 0.0340 0.32 0.17 4.90 217.0 10.0 289.9 2.0 0
0.00 83. 1010. 3 ADJ-A1 NoSubs
17 3 21 80 16 60.7 0.388 1.160 0.005 927. 580. -86.6 0.0340 0.32 0.19 5.21 212.0 10.0 289.2 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
17 3 21 80 17 30.2 0.358 0.928 0.005 951. 515. -136.6 0.0230 0.32 0.24 5.24 209.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
17 3 21 80 18 -6.8 0.321 -9.000 -9.000 -999. 438. 440.5 0.0230 0.32 0.40 4.95 204.0 10.0 287.0 2.0 0
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17 3 21 80 19 -25.3 0.256 -9.000 -9.000 -999. 313. 72.1 0.0230 0.32 1.00 4.10 197.0 10.0 285.9 2.0 0
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0.00 92. 1010. 10 ADJ-A1 NoSubs
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0.00 96. 1010. 10 ADJ-A1 NoSubs
17 3 22 81 1 -6.9 0.109 -9.000 -9.000 -999. 86. 16.7 0.0340 0.32 1.00 1.72 126.0 10.0 284.2 2.0 11
0.80 100. 1010. 10 ADJ-A1 NoSubs
17 3 22 81 2 -6.1 0.101 -9.000 -9.000 -999. 77. 15.1 0.0250 0.32 1.00 1.69 272.0 10.0 283.8 2.0 11

1.00 100. 1010. 10 ADJ-A1 NoSubs
17 3 22 81 3 -6.1 0.101 -9.000 -9.000 -999. 77. 15.3 0.0300 0.32 1.00 1.64 114.0 10.0 284.2 2.0 11
2.80 999. 1010. 10 ADJ-A1 NoSubs
17 3 22 81 4 -7.3 0.111 -9.000 -9.000 -999. 89. 16.9 0.0300 0.32 1.00 1.79 27.0 10.0 283.8 2.0 11
11.40 999. 1010. 10 ADJ-A1 NoSubs
17 3 22 81 5 -6.7 0.106 -9.000 -9.000 -999. 83. 16.2 0.0300 0.32 1.00 1.72 8.0 10.0 283.8 2.0 11
3.30 999. 1010. 10 ADJ-A1 NoSubs
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5.60 999. 1011. 10 ADJ-A1 NoSubs
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0.30 999. 1011. 5 ADJ-A1 NoSubs
17 3 22 81 8 14.0 0.125 0.401 0.005 165. 106. -12.6 0.0230 0.32 0.29 1.59 192.0 10.0 284.9 2.0 0
0.00 999. 1012. 0 ADJ-A1 NoSubs
17 3 22 81 9 10.3 0.110 0.393 0.005 212. 87. -11.6 0.0340 0.32 0.20 1.28 121.0 10.0 285.4 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
17 3 22 81 10 61.7 0.195 0.873 0.005 388. 207. -10.9 0.0370 0.32 0.17 2.22 158.0 10.0 287.0 2.0 0
0.00 999. 1012. 7 ADJ-A1 NoSubs
17 3 22 81 11 76.9 0.208 1.043 0.005 532. 228. -10.6 0.0340 0.32 0.17 2.40 239.0 10.0 288.1 2.0 0
0.00 83. 1013. 7 ADJ-A1 NoSubs
17 3 22 81 12 101.6 0.354 1.240 0.005 678. 505. -39.4 0.0340 0.32 0.16 4.56 226.0 10.0 289.2 2.0 0
0.00 71. 1012. 5 ADJ-A1 NoSubs
17 3 22 81 13 106.4 0.423 1.336 0.005 810. 660. -64.1 0.0340 0.32 0.16 5.60 227.0 10.0 289.2 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
17 3 22 81 14 101.8 0.501 1.379 0.005 931. 849. -111.2 0.0340 0.32 0.16 6.79 229.0 10.0 288.8 2.0 0
0.00 71. 1012. 3 ADJ-A1 NoSubs
17 3 22 81 15 70.1 0.533 1.250 0.005 1006. 932. -194.5 0.0340 0.32 0.17 7.35 232.0 10.0 288.8 2.0 0
0.00 66. 1012. 7 ADJ-A1 NoSubs
17 3 22 81 16 63.8 0.414 1.237 0.005 1071. 652. -100.6 0.0280 0.32 0.18 5.80 240.0 10.0 289.2 2.0 0
0.00 49. 1012. 3 ADJ-A1 NoSubs
17 3 22 81 17 30.8 0.373 0.979 0.005 1098. 548. -151.8 0.0280 0.32 0.23 5.29 260.0 10.0 288.1 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
17 3 22 81 18 -6.5 0.351 -9.000 -9.000 -999. 500. 600.0 0.0280 0.32 0.40 5.22 265.0 10.0 286.4 2.0 0
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0.00 68. 1013. 0 ADJ-A1 NoSubs
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17 3 22 81 23 -5.4 0.095 -9.000 -9.000 -999. 71. 14.6 0.0360 0.32 1.00 1.50 332.0 10.0 280.4 2.0 0
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17 3 22 81 24 -10.2 0.131 -9.000 -9.000 -999. 113. 19.8 0.0250 0.32 1.00 2.15 297.0 10.0 280.4 2.0 0
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17 3 23 82 1 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 331.0 10.0 279.2 2.0 0
0.00 96. 1016. 0 ADJ-SFC NoSubs
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0.00 100. 1016. 5 ADJ-SFC NoSubs
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0.00 100. 1016. 0 ADJ-SFC NoSubs
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0.00 100. 1016. 10 ADJ-SFC NoSubs
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0.00 95. 1017. 10 ADJ-SFC NoSubs
17 3 23 82 8 14.7 -9.000 -9.000 -9.000 326. -999. -99999.0 0.0304 0.32 0.29 0.00 0.0 10.0 283.1 2.0 0
0.00 86. 1018. 0 ADJ-SFC NoSubs
17 3 23 82 9 47.6 -9.000 -9.000 -9.000 703. -999. -99999.0 0.0304 0.32 0.20 0.00 0.0 10.0 285.4 2.0 0
0.00 76. 1018. 0 ADJ-SFC NoSubs
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0.00 76. 1019. 7 ADJ-SFC NoSubs
17 3 23 82 11 95.8 0.242 1.406 0.010 1056. 286. -13.5 0.0340 0.32 0.17 2.86 215.0 10.0 285.9 2.0 0
0.00 71. 1019. 3 ADJ-SFC NoSubs
17 3 23 82 12 102.0 0.290 1.458 0.009 1105. 375. -21.7 0.0230 0.32 0.16 3.86 190.0 10.0 288.1 2.0 0
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17 3 23 82 13 87.4 0.338 1.388 0.009 1113. 471. -40.1 0.0340 0.32 0.16 4.36 218.0 10.0 287.5 2.0 0
0.00 69. 1018. 7 ADJ-SFC NoSubs
17 3 23 82 14 100.2 0.320 1.458 0.008 1124. 435. -29.7 0.0230 0.32 0.16 4.36 208.0 10.0 288.1 2.0 0
0.00 68. 1017. 0 ADJ-SFC NoSubs
17 3 23 82 15 84.9 0.379 1.383 0.008 1132. 559. -58.1 0.0230 0.32 0.17 5.36 202.0 10.0 287.5 2.0 0
0.00 69. 1017. 0 ADJ-SFC NoSubs
17 3 23 82 16 61.5 0.290 1.244 0.007 1138. 380. -36.1 0.0280 0.32 0.18 3.86 257.0 10.0 287.5 2.0 0
0.00 66. 1018. 0 ADJ-SFC NoSubs
17 3 23 82 17 30.9 0.362 0.990 0.007 1140. 523. -139.5 0.0340 0.32 0.23 4.95 234.0 10.0 285.4 2.0 0
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0.00 82. 1018. 0 ADJ-A1 NoSubs
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0.00 95. 1019. 7 ADJ-A1 NoSubs
17 3 23 82 23 -5.8 0.098 -9.000 -9.000 -999. 74. 14.9 0.0310 0.32 1.00 1.59 317.0 10.0 282.5 2.0 0
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17 3 23 82 24 -3.5 0.078 -9.000 -9.000 -999. 52. 12.3 0.0360 0.32 1.00 1.20 332.0 10.0 282.5 2.0 0
0.00 92. 1018. 7 ADJ-A1 NoSubs
17 3 24 83 1 -4.0 0.082 -9.000 -9.000 -999. 56. 12.5 0.0310 0.32 1.00 1.31 302.0 10.0 282.5 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
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0.00 96. 1018. 0 ADJ-A1 NoSubs
17 3 24 83 3 -3.4 0.077 -9.000 -9.000 -999. 51. 12.2 0.0360 0.32 1.00 1.18 336.0 10.0 282.5 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
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0.00 96. 1017. 10 ADJ-A1 NoSubs
17 3 24 83 5 -4.1 0.083 -9.000 -9.000 -999. 58. 12.9 0.0360 0.32 1.00 1.30 341.0 10.0 283.1 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
17 3 24 83 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 92. 1017. 10 ADJ-SFC NoSubs
17 3 24 83 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.56 0.00 0.0 10.0 283.8 2.0 0
0.00 82. 1017. 10 ADJ-SFC NoSubs
17 3 24 83 8 2.4 0.201 0.232 0.005 188. 216. -306.1 0.0300 0.32 0.28 2.86 49.0 10.0 283.8 2.0 0

0.00 85. 1017. 10 ADJ-SFC NoSubs
17 3 24 83 9 10.7 -9.000 -9.000 -9.000 218. -999. -99999.0 0.0304 0.32 0.20 0.00 0.0 10.0 284.9 2.0 0
0.00 82. 1017. 10 ADJ-SFC NoSubs
17 3 24 83 10 17.5 0.236 0.500 0.005 259. 274. -67.9 0.0230 0.32 0.17 3.36 196.0 10.0 285.4 2.0 0
0.00 80. 1017. 10 ADJ-SFC NoSubs
17 3 24 83 11 22.3 -9.000 -9.000 -9.000 304. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 285.9 2.0 0
0.00 76. 1017. 10 ADJ-SFC NoSubs
17 3 24 83 12 24.8 0.150 0.824 0.006 820. 140. -12.4 0.0340 0.32 0.16 1.76 123.0 10.0 284.2 2.0 11
3.80 96. 1018. 10 ADJ-SFC NoSubs
17 3 24 83 13 25.2 0.186 0.868 0.007 942. 192. -23.0 0.0300 0.32 0.16 2.36 13.0 10.0 283.8 2.0 11
4.30 100. 1017. 10 ADJ-SFC NoSubs
17 3 24 83 14 23.6 -9.000 -9.000 -9.000 978. -999. -99999.0 0.0304 0.32 0.16 0.00 0.0 10.0 284.2 2.0 11
0.20 100. 1017. 10 ADJ-SFC NoSubs
17 3 24 83 15 19.9 -9.000 -9.000 -9.000 1000. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 284.9 2.0
11 0.50 100. 1016. 10 ADJ-SFC NoSubs
17 3 24 83 16 14.1 0.104 0.732 0.007 1007. 80. -7.2 0.0300 0.32 0.18 1.18 1.0 10.0 285.4 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
17 3 24 83 17 6.5 0.131 0.566 0.007 1011. 114. -31.5 0.0360 0.32 0.23 1.65 351.0 10.0 285.4 2.0 11
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0.00 92. 1013. 10 ADJ-SFC NoSubs
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0.00 92. 1013. 10 ADJ-SFC NoSubs
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0.00 92. 1014. 10 ADJ-SFC NoSubs
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0.00 85. 1014. 10 ADJ-SFC NoSubs
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0.00 74. 1013. 10 ADJ-A1 NoSubs
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0.50 100. 1014. 10 ADJ-A1 NoSubs
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17 3 29 88 7 -2.5 0.070 -9.000 -9.000 -999. 45. 12.6 0.0300 0.32 0.51 1.13 13.0 10.0 283.1 2.0 0
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17 3 29 88 8 20.3 0.108 0.367 0.011 88. 86. -5.7 0.0300 0.32 0.27 1.20 101.0 10.0 285.4 2.0 0
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17 3 29 88 9 53.1 0.140 0.698 0.011 231. 125. -4.6 0.0300 0.32 0.19 1.50 117.0 10.0 287.5 2.0 0
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17 3 29 88 10 80.1 0.131 0.893 0.010 322. 114. -2.6 0.0370 0.32 0.17 1.23 159.0 10.0 290.4 2.0 0
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17 3 29 88 11 99.3 0.189 1.039 0.009 409. 197. -6.1 0.0230 0.32 0.16 2.23 205.0 10.0 292.0 2.0 0
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17 3 29 88 12 109.7 0.291 1.138 0.007 487. 378. -20.4 0.0340 0.32 0.16 3.58 211.0 10.0 292.0 2.0 0
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17 3 29 88 13 111.6 0.255 1.206 0.006 570. 310. -13.5 0.0370 0.32 0.16 2.96 155.0 10.0 292.5 2.0 0
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17 3 29 88 14 105.1 0.210 1.237 0.006 652. 232. -8.0 0.0340 0.32 0.16 2.35 122.0 10.0 294.2 2.0 0
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17 3 29 88 15 89.4 0.321 1.207 0.005 711. 437. -33.6 0.0370 0.32 0.17 4.03 152.0 10.0 293.1 2.0 0
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17 3 29 88 16 65.7 0.340 1.110 0.005 752. 476. -54.1 0.0370 0.32 0.18 4.39 163.0 10.0 292.0 2.0 0
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17 3 29 88 17 35.4 0.227 0.915 0.005 782. 267. -30.1 0.0370 0.32 0.23 2.83 174.0 10.0 292.0 2.0 0
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17 3 29 88 18 1.0 0.291 0.281 0.005 776. 378. -2173.3 0.0370 0.32 0.37 4.07 163.0 10.0 288.8 2.0 0
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17 3 29 88 19 -9.6 0.128 -9.000 -9.000 -999. 133. 19.8 0.0270 0.32 1.00 2.08 82.0 10.0 288.1 2.0 0
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17 3 29 88 20 -12.7 0.147 -9.000 -9.000 -999. 136. 23.9 0.0270 0.32 1.00 2.37 82.0 10.0 285.9 2.0 0
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17 3 29 88 21 -8.8 0.123 -9.000 -9.000 -999. 104. 19.1 0.0340 0.32 1.00 1.93 141.0 10.0 284.9 2.0 0
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17 3 29 88 22 -4.0 0.082 -9.000 -9.000 -999. 57. 12.6 0.0300 0.32 1.00 1.33 22.0 10.0 284.9 2.0 0
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17 3 29 88 23 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 360.0 10.0 284.2 2.0 0

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17 3 29 88 24 -6.7 0.106 -9.000 -9.000 -999. 83. 16.4 0.0360 0.32 1.00 1.67 354.0 10.0 283.8 2.0 0
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17 3 30 89 1 -5.5 0.096 -9.000 -9.000 -999. 71. 14.6 0.0310 0.32 1.00 1.55 328.0 10.0 283.1 2.0 0
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17 3 30 89 2 -5.7 0.099 -9.000 -9.000 -999. 74. 15.2 0.0360 0.32 1.00 1.55 352.0 10.0 283.8 2.0 0
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17 3 30 89 3 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0360 0.32 1.00 1.35 350.0 10.0 284.2 2.0 0
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17 3 30 89 4 -2.3 0.066 -9.000 -9.000 -999. 41. 11.4 0.0300 0.32 1.00 0.96 35.0 10.0 284.2 2.0 0
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17 3 30 89 5 -3.2 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.32 1.00 1.13 332.0 10.0 284.2 2.0 0
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17 3 30 89 6 -2.8 0.071 -9.000 -9.000 -999. 45. 11.5 0.0310 0.32 1.00 1.08 329.0 10.0 284.2 2.0 0
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17 3 30 89 7 -9.3 0.140 -9.000 -9.000 -999. 125. 26.4 0.0280 0.32 0.50 2.21 266.0 10.0 284.9 2.0 0
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17 3 30 89 8 21.4 0.184 0.548 0.006 278. 190. -26.4 0.0250 0.32 0.26 2.45 273.0 10.0 286.4 2.0 0
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17 3 30 89 9 54.0 0.387 0.796 0.007 337. 578. -97.1 0.0280 0.32 0.19 5.41 254.0 10.0 287.5 2.0 0
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17 3 30 89 10 80.7 0.263 1.037 0.007 501. 333. -20.4 0.0340 0.32 0.17 3.23 220.0 10.0 289.2 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
17 3 30 89 11 99.7 0.234 1.224 0.007 665. 271. -11.6 0.0300 0.32 0.16 2.79 119.0 10.0 290.4 2.0 0
0.00 47. 1013. 0 ADJ-A1 NoSubs
17 3 30 89 12 110.3 0.256 1.335 0.007 780. 310. -13.7 0.0370 0.32 0.16 2.97 179.0 10.0 291.4 2.0 0
0.00 44. 1013. 0 ADJ-A1 NoSubs
17 3 30 89 13 112.4 0.276 1.379 0.007 844. 348. -16.9 0.0300 0.32 0.16 3.42 3.0 10.0 293.1 2.0 0
0.00 30. 1012. 0 ADJ-A1 NoSubs
17 3 30 89 14 105.4 0.370 1.380 0.006 901. 541. -43.5 0.0360 0.32 0.16 4.75 353.0 10.0 293.1 2.0 0
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17 3 30 89 15 90.0 0.345 1.331 0.006 947. 487. -41.2 0.0360 0.32 0.17 4.41 340.0 10.0 293.1 2.0 0
0.00 30. 1011. 0 ADJ-A1 NoSubs
17 3 30 89 16 66.3 0.313 1.217 0.006 979. 421. -41.6 0.0310 0.32 0.18 4.12 322.0 10.0 292.5 2.0 0
0.00 30. 1010. 0 ADJ-A1 NoSubs
17 3 30 89 17 38.5 0.263 1.021 0.006 995. 325. -42.6 0.0310 0.32 0.22 3.47 311.0 10.0 290.9 2.0 0
0.00 45. 1010. 3 ADJ-A1 NoSubs
17 3 30 89 18 4.7 0.394 0.505 0.006 994. 593. -1179.8 0.0250 0.32 0.37 5.87 273.0 10.0 288.1 2.0 0
0.00 48. 1010. 3 ADJ-A1 NoSubs
17 3 30 89 19 -27.4 0.277 -9.000 -9.000 -999. 359. 84.7 0.0250 0.32 1.00 4.37 276.0 10.0 285.9 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
17 3 30 89 20 -16.0 0.168 -9.000 -9.000 -999. 172. 31.0 0.0310 0.32 1.00 2.61 308.0 10.0 285.4 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
17 3 30 89 21 -7.2 0.110 -9.000 -9.000 -999. 89. 16.8 0.0310 0.32 1.00 1.77 303.0 10.0 283.8 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
17 3 30 89 22 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0310 0.32 1.00 1.35 323.0 10.0 282.0 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
17 3 30 89 23 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0360 0.32 1.00 1.71 355.0 10.0 282.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
17 3 30 89 24 -2.5 0.068 -9.000 -9.000 -999. 42. 11.2 0.0280 0.32 1.00 1.01 244.0 10.0 281.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
17 3 31 90 1 -8.1 0.118 -9.000 -9.000 -999. 97. 18.3 0.0360 0.32 1.00 1.84 340.0 10.0 282.5 2.0 0
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17 3 31 90 2 -13.1 0.151 -9.000 -9.000 -999. 141. 25.2 0.0310 0.32 1.00 2.37 311.0 10.0 284.9 2.0 0

0.00 50. 1011. 0 ADJ-A1 NoSubs
17 3 31 90 3 -19.4 0.195 -9.000 -9.000 -999. 207. 41.9 0.0310 0.32 1.00 3.01 305.0 10.0 284.9 2.0 0
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17 3 31 90 4 -20.2 0.203 -9.000 -9.000 -999. 220. 45.5 0.0310 0.32 1.00 3.13 306.0 10.0 284.2 2.0 0
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17 3 31 90 5 -17.2 0.174 -9.000 -9.000 -999. 174. 33.3 0.0310 0.32 1.00 2.70 313.0 10.0 284.2 2.0 0
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17 3 31 90 6 -6.5 0.104 -9.000 -9.000 -999. 82. 15.5 0.0250 0.32 1.00 1.74 282.0 10.0 280.4 2.0 0
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17 3 31 90 7 -5.5 0.108 -9.000 -9.000 -999. 85. 20.4 0.0250 0.32 0.49 1.77 288.0 10.0 284.9 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
17 3 31 90 8 22.2 0.185 0.446 0.005 143. 191. -25.5 0.0280 0.32 0.26 2.40 260.0 10.0 286.4 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
17 3 31 90 9 55.0 0.365 0.773 0.005 301. 529. -79.6 0.0310 0.32 0.19 4.97 322.0 10.0 288.8 2.0 0
0.00 31. 1009. 0 ADJ-A1 NoSubs
17 3 31 90 10 81.6 0.465 1.183 0.005 731. 761. -110.9 0.0360 0.32 0.17 6.24 330.0 10.0 289.9 2.0 0
0.00 31. 1009. 0 ADJ-A1 NoSubs
17 3 31 90 11 100.5 0.352 1.336 0.005 855. 511. -39.2 0.0360 0.32 0.16 4.49 332.0 10.0 290.9 2.0 0
0.00 29. 1009. 0 ADJ-A1 NoSubs
17 3 31 90 12 111.2 0.376 1.450 0.005 988. 553. -43.0 0.0360 0.32 0.16 4.82 336.0 10.0 292.5 2.0 0
0.00 26. 1008. 0 ADJ-A1 NoSubs
17 3 31 90 13 113.1 0.396 1.516 0.005 1108. 597. -49.3 0.0360 0.32 0.16 5.11 337.0 10.0 293.8 2.0 0
0.00 26. 1008. 0 ADJ-A1 NoSubs
17 3 31 90 14 106.4 0.327 1.666 0.006 1564. 452. -29.6 0.0360 0.32 0.16 4.09 345.0 10.0 294.9 2.0 0
0.00 25. 1007. 0 ADJ-A1 NoSubs
17 3 31 90 15 90.9 0.384 1.595 0.006 1604. 570. -55.8 0.0360 0.32 0.17 4.99 336.0 10.0 294.9 2.0 0
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17 3 31 90 16 67.4 0.325 1.449 0.006 1620. 447. -45.7 0.0360 0.32 0.18 4.18 353.0 10.0 294.9 2.0 0
0.00 26. 1006. 0 ADJ-A1 NoSubs
17 3 31 90 17 37.2 0.300 1.190 0.006 1630. 394. -65.0 0.0360 0.32 0.22 3.93 344.0 10.0 295.4 2.0 0
0.00 25. 1007. 0 ADJ-A1 NoSubs
17 3 31 90 18 3.0 0.171 0.515 0.006 1629. 180. -150.4 0.0310 0.32 0.36 2.39 303.0 10.0 293.8 2.0 0
0.00 28. 1007. 0 ADJ-A1 NoSubs
17 3 31 90 19 -6.2 0.103 -9.000 -9.000 -999. 81. 15.9 0.0310 0.32 1.00 1.66 313.0 10.0 292.5 2.0 0
0.00 29. 1008. 0 ADJ-A1 NoSubs
17 3 31 90 20 -21.6 0.219 -9.000 -9.000 -999. 245. 52.6 0.0340 0.32 1.00 3.30 128.0 10.0 285.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
17 3 31 90 21 -6.2 0.102 -9.000 -9.000 -999. 87. 15.4 0.0270 0.32 1.00 1.69 73.0 10.0 284.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
17 3 31 90 22 -5.1 0.092 -9.000 -9.000 -999. 67. 14.0 0.0300 0.32 1.00 1.50 28.0 10.0 283.8 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
17 3 31 90 23 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.32 1.00 1.25 360.0 10.0 283.1 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
17 3 31 90 24 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0360 0.32 1.00 1.67 332.0 10.0 282.0 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
17 4 1 91 1 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0310 0.32 1.00 2.42 313.0 10.0 282.0 2.0 0
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17 4 1 91 2 -9.4 0.126 -9.000 -9.000 -999. 108. 19.4 0.0310 0.32 1.00 2.01 314.0 10.0 280.9 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
17 4 1 91 3 -10.1 0.131 -9.000 -9.000 -999. 114. 20.2 0.0310 0.32 1.00 2.08 323.0 10.0 280.9 2.0 0
0.00 88. 1009. 0 ADJ-A1 NoSubs
17 4 1 91 4 -7.2 0.110 -9.000 -9.000 -999. 88. 16.7 0.0310 0.32 1.00 1.77 315.0 10.0 280.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
17 4 1 91 5 -6.2 0.102 -9.000 -9.000 -999. 78. 15.5 0.0310 0.32 1.00 1.65 313.0 10.0 280.4 2.0 0

0.00 92. 1010. 0 ADJ-A1 NoSubs
17 4 1 91 6 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0310 0.32 1.00 1.57 309.0 10.0 279.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
17 4 1 91 7 -3.6 0.087 -9.000 -9.000 -999. 62. 17.0 0.0360 0.32 0.48 1.37 344.0 10.0 282.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
17 4 1 91 8 22.8 0.098 0.348 0.009 67. 74. -3.8 0.0300 0.32 0.26 1.03 90.0 10.0 284.2 2.0 0
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17 4 1 91 9 55.6 0.110 0.629 0.006 161. 88. -2.2 0.0270 0.32 0.19 1.09 66.0 10.0 287.5 2.0 0
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17 4 1 91 10 82.4 0.137 0.887 0.005 305. 121. -2.8 0.0340 0.32 0.17 1.33 123.0 10.0 290.4 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
17 4 1 91 11 101.5 0.190 1.170 0.005 569. 199. -6.1 0.0340 0.32 0.16 2.06 141.0 10.0 292.5 2.0 0
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17 4 1 91 12 111.9 0.250 1.377 0.005 842. 300. -12.6 0.0230 0.32 0.16 3.18 191.0 10.0 293.1 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
17 4 1 91 13 113.8 0.283 1.468 0.005 1004. 362. -18.0 0.0340 0.32 0.16 3.44 212.0 10.0 294.2 2.0 0
0.00 43. 1011. 0 ADJ-A1 NoSubs
17 4 1 91 14 106.8 0.251 1.497 0.009 1134. 302. -13.3 0.0230 0.32 0.16 3.20 204.0 10.0 294.2 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
17 4 1 91 15 91.3 0.249 1.462 0.014 1234. 298. -15.2 0.0230 0.32 0.17 3.22 191.0 10.0 294.2 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
17 4 1 91 16 67.8 0.272 1.348 0.016 1304. 340. -26.6 0.0370 0.32 0.18 3.35 178.0 10.0 294.2 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
17 4 1 91 17 36.9 0.240 1.110 0.016 1334. 282. -33.7 0.0370 0.32 0.22 3.01 167.0 10.0 292.0 2.0 0
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17 4 1 91 18 2.5 0.154 0.453 0.016 1329. 148. -130.3 0.0340 0.32 0.36 2.10 137.0 10.0 289.2 2.0 0
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17 4 1 91 19 -11.1 0.139 -9.000 -9.000 -999. 125. 21.9 0.0340 0.32 1.00 2.16 132.0 10.0 285.9 2.0 0
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17 4 1 91 23 -10.4 0.134 -9.000 -9.000 -999. 118. 20.7 0.0300 0.32 1.00 2.13 57.0 10.0 283.8 2.0 0
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17 4 2 92 2 -6.7 0.106 -9.000 -9.000 -999. 83. 16.2 0.0300 0.32 1.00 1.72 29.0 10.0 284.2 2.0 0
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17 4 2 92 3 -21.5 0.216 -9.000 -9.000 -999. 241. 51.2 0.0270 0.32 1.00 3.39 73.0 10.0 284.2 2.0 0
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17 4 2 92 4 -16.7 0.171 -9.000 -9.000 -999. 170. 32.1 0.0300 0.32 1.00 2.67 94.0 10.0 284.2 2.0 0
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17 4 2 92 5 -17.4 0.174 -9.000 -9.000 -999. 175. 33.4 0.0300 0.32 1.00 2.72 94.0 10.0 283.8 2.0 0
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17 4 2 92 6 -11.9 0.143 -9.000 -9.000 -999. 130. 22.4 0.0270 0.32 1.00 2.30 66.0 10.0 283.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 4 2 92 7 -12.6 0.177 -9.000 -9.000 -999. 178. 39.4 0.0270 0.32 0.47 2.78 83.0 10.0 284.2 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 4 2 92 8 4.4 0.154 0.350 0.022 347. 146. -74.7 0.0270 0.32 0.25 2.15 60.0 10.0 284.2 2.0 0

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17 4 2 92 9 12.6 0.140 0.498 0.022 353. 126. -19.7 0.0300 0.32 0.19 1.76 101.0 10.0 284.9 2.0 0
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17 4 2 92 10 19.4 0.110 0.580 0.022 362. 88. -6.3 0.0370 0.32 0.17 1.18 178.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
17 4 2 92 11 101.5 0.133 1.037 0.020 397. 117. -2.1 0.0300 0.32 0.16 1.28 111.0 10.0 288.8 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
17 4 2 92 12 112.0 0.228 1.091 0.018 418. 261. -9.5 0.0370 0.32 0.16 2.55 171.0 10.0 290.4 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
17 4 2 92 13 113.8 0.302 1.115 0.016 439. 397. -21.7 0.0370 0.32 0.16 3.66 179.0 10.0 291.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
17 4 2 92 14 106.7 0.251 1.107 0.015 457. 302. -13.3 0.0230 0.32 0.16 3.20 180.0 10.0 291.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 4 2 92 15 91.2 0.281 1.062 0.013 472. 358. -22.0 0.0230 0.32 0.17 3.75 203.0 10.0 291.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
17 4 2 92 16 67.4 0.259 0.967 0.012 483. 317. -23.3 0.0340 0.32 0.18 3.22 236.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
17 4 2 92 17 36.9 0.225 0.794 0.012 489. 257. -27.9 0.0370 0.32 0.22 2.79 167.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
17 4 2 92 18 2.5 0.214 0.324 0.012 488. 238. -354.7 0.0370 0.32 0.36 2.95 164.0 10.0 286.4 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
17 4 2 92 19 -10.1 0.131 -9.000 -9.000 -999. 116. 19.9 0.0230 0.32 1.00 2.18 188.0 10.0 284.9 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
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0.00 96. 1012. 0 ADJ-A1 NoSubs
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17 4 5 95 17 38.4 0.268 0.919 0.006 728. 333. -45.2 0.0280 0.32 0.22 3.61 259.0 10.0 289.2 2.0 0

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17 4 7 97 8 5.7 0.189 0.254 0.005 102. 197. -105.4 0.0370 0.32 0.24 2.52 151.0 10.0 285.9 2.0 0
0.00 999. 1007. 10 ADJ-A1 NoSubs
17 4 7 97 9 13.9 0.274 0.387 0.005 149. 344. -132.3 0.0370 0.32 0.19 3.68 169.0 10.0 287.0 2.0 0
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17 4 7 97 10 20.4 0.349 0.483 0.005 198. 496. -187.9 0.0230 0.32 0.17 5.16 189.0 10.0 287.0 2.0 0
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17 4 7 97 11 25.2 0.413 0.670 0.005 429. 637. -252.0 0.0230 0.32 0.16 6.14 185.0 10.0 288.1 2.0 0
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17 4 7 97 12 93.4 0.422 1.209 0.005 680. 659. -72.5 0.0230 0.32 0.16 6.04 201.0 10.0 288.1 2.0 0
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17 4 7 97 13 115.8 0.450 1.328 0.005 728. 724. -70.8 0.0230 0.32 0.16 6.43 204.0 10.0 287.5 2.0 0
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17 4 7 97 14 108.6 0.473 1.408 0.005 924. 779. -87.3 0.0230 0.32 0.16 6.81 206.0 10.0 287.5 2.0 0
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17 4 7 97 15 22.1 0.449 0.840 0.005 959. 724. -367.8 0.0340 0.32 0.17 6.28 214.0 10.0 287.5 2.0 0
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17 4 7 97 17 34.6 0.425 1.027 0.005 1122. 665. -198.8 0.0340 0.32 0.22 5.87 218.0 10.0 287.0 2.0 0
0.00 96. 1006. 7 ADJ-A1 NoSubs
17 4 7 97 18 0.1 0.363 0.131 0.005 1122. 528. -8888.0 0.0340 0.32 0.34 5.16 215.0 10.0 287.0 2.0 0
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17 4 7 97 19 -29.3 0.298 -9.000 -9.000 -999. 393. 97.7 0.0340 0.32 1.00 4.44 213.0 10.0 286.4 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
17 4 7 97 20 -22.9 0.233 -9.000 -9.000 -999. 271. 59.5 0.0230 0.32 1.00 3.74 208.0 10.0 286.4 2.0 0
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0.00 95. 1011. 0 ADJ-A1 NoSubs
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2.50 89. 1015. 7 ADJ-A1 NoSubs
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17 4 8 98 16 69.6 0.608 -9.000 -9.000 -999. 1136. -291.7 0.0340 0.32 0.18 8.46 227.0 10.0 285.9 2.0 0
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0.00 71. 1015. 0 ADJ-SFC NoSubs
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0.00 74. 1015. 0 ADJ-SFC NoSubs
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17 4 8 98 23 -7.2 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.32 1.00 1.76 307.0 10.0 279.2 2.0 0
0.00 96. 1017. 0 ADJ-SFC NoSubs
17 4 8 98 24 -18.2 0.178 -9.000 -9.000 -999. 180. 34.8 0.0250 0.32 1.00 2.86 298.0 10.0 278.1 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
17 4 9 99 1 -7.2 0.109 -9.000 -9.000 -999. 88. 16.5 0.0310 0.32 1.00 1.76 318.0 10.0 278.1 2.0 0
0.00 95. 1017. 0 ADJ-SFC NoSubs
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0.00 100. 1017. 0 ADJ-SFC NoSubs
17 4 9 99 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 277.0 2.0 0
0.00 100. 1016. 0 ADJ-SFC NoSubs
17 4 9 99 4 -7.2 0.109 -9.000 -9.000 -999. 87. 16.5 0.0310 0.32 1.00 1.76 311.0 10.0 277.5 2.0 0
0.00 96. 1016. 0 ADJ-SFC NoSubs
17 4 9 99 5 -6.8 0.105 -9.000 -9.000 -999. 82. 15.6 0.0250 0.32 1.00 1.76 288.0 10.0 277.0 2.0 0
0.00 100. 1016. 0 ADJ-SFC NoSubs
17 4 9 99 6 -7.2 0.109 -9.000 -9.000 -999. 87. 16.5 0.0310 0.32 1.00 1.76 303.0 10.0 277.0 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
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0.00 100. 1017. 0 ADJ-SFC NoSubs
17 4 9 99 8 29.2 -9.000 -9.000 -9.000 144. -999. -99999.0 0.0304 0.32 0.24 0.00 0.0 10.0 281.4 2.0 0
0.00 89. 1018. 0 ADJ-SFC NoSubs
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0.00 85. 1018. 0 ADJ-A1 NoSubs
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0.00 71. 1018. 0 ADJ-A1 NoSubs
17 4 9 99 11 105.8 0.191 1.210 0.005 608. 200. -6.0 0.0370 0.32 0.16 2.02 161.0 10.0 287.0 2.0 0
0.00 66. 1017. 0 ADJ-A1 Sub_CC
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0.00 64. 1016. 0 ADJ-A1 NoSubs
17 4 9 99 14 109.8 0.349 1.436 0.005 978. 495. -35.0 0.0280 0.32 0.16 4.63 242.0 10.0 288.8 2.0 0
0.00 61. 1016. 0 ADJ-A1 NoSubs
17 4 9 99 15 94.1 0.366 1.430 0.005 1126. 531. -47.1 0.0280 0.32 0.17 4.94 245.0 10.0 288.8 2.0 0
0.00 56. 1015. 0 ADJ-A1 NoSubs
17 4 9 99 16 70.4 0.383 1.336 0.006 1226. 569. -72.3 0.0280 0.32 0.18 5.29 245.0 10.0 288.1 2.0 0
0.00 48. 1015. 0 ADJ-A1 NoSubs
17 4 9 99 17 39.9 0.330 1.120 0.006 1276. 457. -81.4 0.0280 0.32 0.21 4.58 248.0 10.0 287.0 2.0 0
0.00 57. 1015. 0 ADJ-A1 NoSubs
17 4 9 99 18 5.7 0.171 0.585 0.006 1279. 190. -80.7 0.0280 0.32 0.34 2.38 247.0 10.0 285.9 2.0 0
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0.00 89. 1016. 0 ADJ-A1 NoSubs
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0.00 92. 1017. 0 ADJ-A1 NoSubs
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17 4 9 99 23 -6.1 0.102 -9.000 -9.000 -999. 78. 15.6 0.0360 0.32 1.00 1.60 355.0 10.0 281.4 2.0 0
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17 4 10 100 8 30.1 0.098 0.578 0.008 233. 74. -2.9 0.0340 0.32 0.23 0.96 139.0 10.0 282.5 2.0 0
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17 4 10 100 12 116.9 0.206 1.253 0.005 610. 225. -6.8 0.0230 0.32 0.16 2.46 205.0 10.0 291.4 2.0 0
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17 4 10 100 17 40.9 0.306 1.054 0.005 1034. 411. -63.3 0.0280 0.32 0.21 4.20 241.0 10.0 289.9 2.0 0
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17 4 10 100 23 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0360 0.32 1.00 1.43 337.0 10.0 284.2 2.0 0
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0.00 79. 1011. 10 ADJ-A1 NoSubs
17 4 11 101 11 26.0 0.231 0.660 0.008 398. 267. -42.9 0.0230 0.32 0.16 3.22 208.0 10.0 289.2 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
17 4 11 101 12 95.6 0.374 1.144 0.007 565. 548. -49.2 0.0230 0.32 0.16 5.24 205.0 10.0 290.4 2.0 0
0.00 59. 1011. 7 ADJ-A1 NoSubs
17 4 11 101 13 28.8 0.304 0.785 0.007 606. 404. -87.6 0.0340 0.32 0.16 4.08 226.0 10.0 289.9 2.0 0
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17 4 11 101 15 22.9 0.342 0.747 0.006 654. 481. -157.9 0.0340 0.32 0.17 4.70 231.0 10.0 289.2 2.0 0
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17 4 11 101 16 17.0 0.451 0.679 0.005 661. 727. -486.0 0.0340 0.32 0.18 6.33 238.0 10.0 289.2 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
17 4 11 101 17 9.3 0.467 0.555 0.005 665. 765. -989.6 0.0340 0.32 0.21 6.59 238.0 10.0 288.1 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
17 4 11 101 18 0.5 0.409 0.214 0.006 665. 631. -8888.0 0.0280 0.32 0.33 6.01 247.0 10.0 287.0 2.0 0
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2.00 96. 1011. 10 ADJ-A1 NoSubs
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0.50 100. 1012. 10 ADJ-A1 NoSubs
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17 4 12 102 18 10.0 0.461 0.513 0.005 487. 752. -886.6 0.0230 0.32 0.33 6.96 206.0 10.0 287.0 2.0 0
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1.00 100. 1010. 7 ADJ-A1 NoSubs
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0.00 100. 1010. 7 ADJ-A1 NoSubs
17 4 13 103 9 54.6 0.223 1.120 0.006 929. 253. -18.3 0.0340 0.32 0.18 2.71 214.0 10.0 285.9 2.0 11
0.50 100. 1010. 7 ADJ-A1 NoSubs
17 4 13 103 10 74.6 0.323 1.255 0.005 957. 440. -40.7 0.0340 0.32 0.17 4.17 221.0 10.0 287.5 2.0 0
0.00 83. 1011. 7 ADJ-A1 NoSubs
17 4 13 103 11 110.2 0.443 1.443 0.005 984. 706. -71.0 0.0340 0.32 0.16 5.89 225.0 10.0 287.5 2.0 0
0.00 80. 1012. 3 ADJ-A1 NoSubs
17 4 13 103 12 117.8 0.506 1.487 0.005 1009. 864. -99.5 0.0340 0.32 0.16 6.84 227.0 10.0 287.5 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
17 4 13 103 13 119.0 0.508 1.512 0.005 1051. 869. -99.5 0.0340 0.32 0.16 6.86 227.0 10.0 288.1 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
17 4 13 103 14 108.3 0.474 1.548 0.005 1238. 786. -89.1 0.0340 0.32 0.16 6.38 219.0 10.0 288.1 2.0 0

0.00 74. 1013. 5 ADJ-A1 NoSubs
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17 4 13 103 16 72.2 0.475 1.404 0.005 1388. 786. -133.8 0.0340 0.32 0.18 6.48 226.0 10.0 287.5 2.0 0
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17 4 13 103 17 42.0 0.361 1.180 0.005 1412. 530. -100.9 0.0280 0.32 0.21 5.05 246.0 10.0 288.1 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
17 4 13 103 18 7.6 0.366 0.667 0.005 1413. 532. -587.7 0.0280 0.32 0.32 5.33 260.0 10.0 286.4 2.0 0
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17 4 13 103 19 -26.5 0.268 -9.000 -9.000 -999. 337. 78.7 0.0280 0.32 0.70 4.14 262.0 10.0 284.2 2.0 0
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17 4 13 103 20 -15.9 0.165 -9.000 -9.000 -999. 166. 29.8 0.0250 0.32 1.00 2.66 273.0 10.0 283.1 2.0 0
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17 4 13 103 21 -19.3 0.191 -9.000 -9.000 -999. 200. 40.1 0.0280 0.32 1.00 3.00 249.0 10.0 282.0 2.0 0
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17 4 13 103 24 -9.4 0.126 -9.000 -9.000 -999. 108. 19.6 0.0360 0.32 1.00 1.96 331.0 10.0 279.2 2.0 0
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17 4 14 104 1 -9.9 0.129 -9.000 -9.000 -999. 111. 19.7 0.0310 0.32 1.00 2.05 313.0 10.0 278.1 2.0 0
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0.00 92. 1017. 0 ADJ-A1 NoSubs
17 4 14 104 8 33.3 0.109 0.696 0.005 367. 86. -3.5 0.0300 0.32 0.23 1.13 22.0 10.0 282.5 2.0 0
0.00 83. 1017. 0 ADJ-A1 NoSubs
17 4 14 104 9 65.1 0.162 1.019 0.005 590. 156. -5.9 0.0370 0.32 0.18 1.71 150.0 10.0 284.2 2.0 0
0.00 71. 1017. 0 ADJ-A1 NoSubs
17 4 14 104 10 90.7 0.183 1.197 0.005 687. 188. -6.1 0.0230 0.32 0.17 2.16 184.0 10.0 285.9 2.0 0
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17 4 14 104 11 108.8 0.262 1.332 0.005 788. 322. -15.0 0.0370 0.32 0.16 3.07 176.0 10.0 287.5 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
17 4 14 104 12 118.5 0.292 1.451 0.005 935. 379. -19.1 0.0230 0.32 0.16 3.85 206.0 10.0 288.8 2.0 0
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17 4 14 104 13 119.6 0.314 1.531 0.005 1090. 422. -23.4 0.0230 0.32 0.16 4.20 181.0 10.0 288.8 2.0 0
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17 4 14 104 14 112.5 0.239 1.559 0.005 1221. 283. -11.0 0.0230 0.32 0.16 3.00 203.0 10.0 290.4 2.0 0
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0.00 44. 1015. 0 ADJ-A1 NoSubs
17 4 14 104 16 73.6 0.230 1.417 0.005 1399. 269. -14.9 0.0250 0.32 0.18 2.92 285.0 10.0 292.5 2.0 0
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17 4 15 105 15 97.9 0.302 1.506 0.014 1256. 399. -25.4 0.0340 0.32 0.17 3.78 231.0 10.0 293.8 2.0 0
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17 4 15 105 16 74.0 0.342 1.395 0.014 1321. 480. -48.7 0.0280 0.32 0.18 4.63 242.0 10.0 292.5 2.0 0
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17 4 15 105 17 43.8 0.263 1.174 0.014 1330. 327. -37.5 0.0280 0.32 0.21 3.51 244.0 10.0 292.5 2.0 0
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0.00 89. 1010. 0 ADJ-A1 NoSubs
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17 4 16 106 6 -7.6 0.114 -9.000 -9.000 -999. 92. 17.3 0.0310 0.32 1.00 1.82 304.0 10.0 282.5 2.0 0
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17 4 16 106 7 -2.7 0.097 -9.000 -9.000 -999. 73. 30.2 0.0360 0.32 0.37 1.47 333.0 10.0 283.8 2.0 0
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17 4 16 106 8 35.1 0.130 -9.000 -9.000 -999. 113. -5.7 0.0360 0.32 0.22 1.38 347.0 10.0 284.9 2.0 0
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17 4 16 106 9 56.3 0.124 -9.000 -9.000 -999. 105. -3.0 0.0250 0.32 0.18 1.31 283.0 10.0 287.0 2.0 0
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17 4 16 106 10 22.0 0.252 -9.000 -9.000 -999. 303. -65.5 0.0340 0.32 0.17 3.34 233.0 10.0 287.5 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
17 4 16 106 11 26.4 0.209 -9.000 -9.000 -999. 230. -31.3 0.0280 0.32 0.16 2.76 266.0 10.0 287.5 2.0 0
0.00 71. 1010. 10 ADJ-A1 NoSubs
17 4 16 106 12 28.4 0.272 -9.000 -9.000 -999. 340. -63.7 0.0280 0.32 0.16 3.73 259.0 10.0 285.4 2.0 11
0.50 89. 1010. 10 ADJ-A1 NoSubs
17 4 16 106 13 28.5 0.251 -9.000 -9.000 -999. 303. -50.3 0.0250 0.32 0.16 3.48 279.0 10.0 284.2 2.0 11
3.00 100. 1011. 10 ADJ-A1 NoSubs
17 4 16 106 14 26.6 0.201 -9.000 -9.000 -999. 217. -27.4 0.0250 0.32 0.16 2.68 293.0 10.0 284.2 2.0 11
1.50 999. 1011. 10 ADJ-A1 NoSubs
17 4 16 106 15 22.7 0.177 -9.000 -9.000 -999. 179. -22.1 0.0310 0.32 0.17 2.23 322.0 10.0 284.2 2.0 11
1.30 999. 1011. 10 ADJ-A1 NoSubs
17 4 16 106 16 16.8 0.203 -9.000 -9.000 -999. 220. -44.9 0.0360 0.32 0.17 2.61 336.0 10.0 284.2 2.0 11
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17 4 16 106 17 9.3 0.163 -9.000 -9.000 -999. 158. -41.5 0.0360 0.32 0.21 2.08 341.0 10.0 284.9 2.0 11
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17 4 16 106 18 0.8 0.105 -9.000 -9.000 -999. 82. -136.2 0.0300 0.32 0.32 1.47 20.0 10.0 284.9 2.0 11
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17 4 16 106 19 -7.3 0.113 -9.000 -9.000 -999. 91. 17.6 0.0360 0.32 0.67 1.76 342.0 10.0 285.4 2.0 11
0.50 999. 1010. 10 ADJ-A1 NoSubs
17 4 16 106 20 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0300 0.32 1.00 1.45 2.0 10.0 285.4 2.0 11
0.50 999. 1011. 10 ADJ-A1 NoSubs
17 4 16 106 21 -4.4 0.086 -9.000 -9.000 -999. 61. 13.2 0.0300 0.32 1.00 1.40 36.0 10.0 285.4 2.0 11
0.50 999. 1011. 10 ADJ-A1 NoSubs
17 4 16 106 22 -5.1 0.092 -9.000 -9.000 -999. 67. 14.0 0.0300 0.32 1.00 1.50 109.0 10.0 285.4 2.0 11
0.50 999. 1011. 10 ADJ-A1 NoSubs
17 4 16 106 23 -3.2 0.075 -9.000 -9.000 -999. 50. 12.0 0.0340 0.32 1.00 1.16 221.0 10.0 284.9 2.0 11

0.50 999. 1011. 10 ADJ-A1 NoSubs
17 4 16 106 24 -3.3 0.075 -9.000 -9.000 -999. 50. 11.6 0.0250 0.32 1.00 1.23 294.0 10.0 284.9 2.0 11
0.30 999. 1011. 10 ADJ-A1 NoSubs
17 4 17 107 1 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0310 0.32 1.00 1.54 304.0 10.0 285.4 2.0 11
0.30 999. 1010. 10 ADJ-A1 NoSubs
17 4 17 107 2 -4.8 0.089 -9.000 -9.000 -999. 64. 13.5 0.0280 0.32 1.00 1.47 245.0 10.0 284.9 2.0 0
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17 4 17 107 3 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0340 0.32 1.00 1.38 225.0 10.0 284.9 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
17 4 17 107 4 -8.6 0.120 -9.000 -9.000 -999. 100. 18.3 0.0250 0.32 1.00 1.99 280.0 10.0 285.4 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
17 4 17 107 5 -8.5 0.120 -9.000 -9.000 -999. 99. 18.1 0.0250 0.32 1.00 1.98 275.0 10.0 284.9 2.0 11
0.50 999. 1010. 10 ADJ-A1 NoSubs
17 4 17 107 6 -5.1 0.092 -9.000 -9.000 -999. 67. 13.8 0.0250 0.32 1.00 1.54 288.0 10.0 285.4 2.0 11
0.80 999. 1010. 10 ADJ-A1 NoSubs
17 4 17 107 7 -2.0 0.107 -9.000 -9.000 -999. 85. 55.3 0.0280 0.32 0.36 1.67 260.0 10.0 285.9 2.0 11
0.50 999. 1011. 10 ADJ-A1 NoSubs
17 4 17 107 8 7.7 0.088 0.330 0.005 167. 63. -8.0 0.0340 0.32 0.22 0.99 234.0 10.0 285.9 2.0 11
0.30 999. 1011. 10 ADJ-A1 NoSubs
17 4 17 107 9 15.6 0.095 0.466 0.005 233. 70. -4.9 0.0230 0.32 0.18 1.09 192.0 10.0 286.4 2.0 0
0.00 999. 1011. 10 ADJ-A1 NoSubs
17 4 17 107 10 22.1 0.145 0.571 0.005 303. 132. -12.4 0.0230 0.32 0.17 1.84 186.0 10.0 287.5 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
17 4 17 107 11 26.4 0.178 0.647 0.005 369. 181. -19.4 0.0340 0.32 0.16 2.18 230.0 10.0 287.0 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
17 4 17 107 12 28.8 0.186 0.700 0.005 430. 192. -20.1 0.0280 0.32 0.16 2.37 244.0 10.0 287.0 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
17 4 17 107 13 29.0 0.159 0.730 0.005 483. 153. -12.6 0.0340 0.32 0.16 1.87 218.0 10.0 287.0 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
17 4 17 107 14 27.2 0.203 0.736 0.005 529. 219. -27.6 0.0340 0.32 0.16 2.55 227.0 10.0 287.5 2.0 11
0.50 100. 1012. 10 ADJ-A1 NoSubs
17 4 17 107 15 23.2 0.217 0.713 0.005 564. 243. -40.0 0.0280 0.32 0.16 2.91 251.0 10.0 287.0 2.0 11
0.30 100. 1012. 10 ADJ-A1 NoSubs
17 4 17 107 16 17.2 0.177 0.655 0.005 588. 179. -29.1 0.0280 0.32 0.17 2.32 240.0 10.0 286.4 2.0 11
1.30 999. 1013. 10 ADJ-A1 NoSubs
17 4 17 107 17 9.7 0.086 0.545 0.005 602. 64. -5.9 0.0370 0.32 0.21 0.91 171.0 10.0 286.4 2.0 11
1.00 999. 1012. 10 ADJ-A1 NoSubs
17 4 17 107 18 11.6 0.182 0.583 0.005 618. 186. -46.8 0.0370 0.32 0.31 2.33 169.0 10.0 285.9 2.0 11
0.30 999. 1011. 7 ADJ-A1 NoSubs
17 4 17 107 19 -5.0 0.093 -9.000 -9.000 -999. 71. 14.6 0.0340 0.32 0.67 1.48 220.0 10.0 285.4 2.0 11
0.30 999. 1011. 7 ADJ-A1 NoSubs
17 4 17 107 20 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.32 1.00 1.37 207.0 10.0 285.4 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
17 4 17 107 21 -5.3 0.094 -9.000 -9.000 -999. 69. 14.0 0.0250 0.32 1.00 1.57 280.0 10.0 285.4 2.0 0
0.00 999. 1013. 10 ADJ-A1 NoSubs
17 4 17 107 22 -3.4 0.077 -9.000 -9.000 -999. 51. 11.8 0.0280 0.32 1.00 1.23 248.0 10.0 285.4 2.0 0
0.00 999. 1013. 10 ADJ-A1 NoSubs
17 4 17 107 23 -3.3 0.075 -9.000 -9.000 -999. 49. 11.7 0.0280 0.32 1.00 1.20 242.0 10.0 285.4 2.0 0
0.00 999. 1013. 10 ADJ-A1 NoSubs
17 4 17 107 24 -2.5 0.068 -9.000 -9.000 -999. 43. 11.4 0.0310 0.32 1.00 1.01 300.0 10.0 284.9 2.0 0
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17 4 18 108 1 -5.2 0.094 -9.000 -9.000 -999. 69. 14.5 0.0370 0.32 1.00 1.47 177.0 10.0 284.2 2.0 11
0.50 999. 1013. 10 ADJ-A1 NoSubs
17 4 18 108 2 -3.2 0.074 -9.000 -9.000 -999. 49. 11.7 0.0310 0.32 1.00 1.16 311.0 10.0 284.2 2.0 0

0.00 999. 1012. 10 ADJ-A1 NoSubs
17 4 18 108 3 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.32 1.00 0.97 312.0 10.0 284.9 2.0 11
0.50 999. 1012. 10 ADJ-A1 NoSubs
17 4 18 108 4 -2.8 0.071 -9.000 -9.000 -999. 45. 11.5 0.0310 0.32 1.00 1.08 314.0 10.0 284.2 2.0 11
0.30 999. 1012. 10 ADJ-A1 NoSubs
17 4 18 108 5 -4.2 0.085 -9.000 -9.000 -999. 59. 12.9 0.0300 0.32 1.00 1.37 100.0 10.0 284.9 2.0 0
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17 4 18 108 6 -2.8 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.32 1.00 1.13 187.0 10.0 284.9 2.0 11
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17 4 18 108 7 -1.3 0.073 -9.000 -9.000 -999. 48. 27.3 0.0360 0.32 0.36 1.11 336.0 10.0 284.9 2.0 11
0.30 999. 1013. 10 ADJ-A1 NoSubs
17 4 18 108 8 7.8 0.092 0.357 0.005 211. 67. -8.9 0.0340 0.32 0.22 1.04 228.0 10.0 285.4 2.0 0
0.00 999. 1013. 10 ADJ-A1 NoSubs
17 4 18 108 9 15.8 0.116 0.512 0.005 307. 95. -8.9 0.0250 0.32 0.18 1.40 293.0 10.0 286.4 2.0 0
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17 4 18 108 10 22.1 0.182 0.628 0.006 405. 186. -24.5 0.0230 0.32 0.17 2.44 185.0 10.0 286.4 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 4 18 108 11 26.6 0.197 0.715 0.007 498. 210. -26.1 0.0340 0.32 0.16 2.47 216.0 10.0 287.0 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 4 18 108 12 29.1 0.192 0.773 0.007 573. 202. -22.1 0.0280 0.32 0.16 2.47 244.0 10.0 288.1 2.0 0
0.00 93. 1014. 10 ADJ-A1 NoSubs
17 4 18 108 13 29.4 0.141 0.791 0.007 609. 128. -8.7 0.0370 0.32 0.16 1.57 165.0 10.0 288.8 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
17 4 18 108 14 93.2 0.205 1.223 0.008 710. 223. -8.4 0.0230 0.32 0.16 2.50 206.0 10.0 289.9 2.0 0
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17 4 18 108 15 98.3 0.334 1.293 0.008 796. 464. -34.4 0.0340 0.32 0.16 4.27 229.0 10.0 289.9 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
17 4 18 108 16 74.9 0.327 1.200 0.007 834. 449. -42.2 0.0280 0.32 0.17 4.39 241.0 10.0 290.4 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
17 4 18 108 17 44.6 0.274 1.018 0.007 856. 346. -41.8 0.0280 0.32 0.21 3.68 242.0 10.0 289.9 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
17 4 18 108 18 12.4 0.134 0.666 0.007 861. 132. -17.7 0.0230 0.32 0.31 1.76 185.0 10.0 288.8 2.0 0
0.00 89. 1014. 7 ADJ-A1 NoSubs
17 4 18 108 19 -7.1 0.110 -9.000 -9.000 -999. 88. 17.0 0.0270 0.32 0.66 1.81 75.0 10.0 288.1 2.0 0
0.00 93. 1015. 10 ADJ-A1 NoSubs
17 4 18 108 20 -11.0 0.137 -9.000 -9.000 -999. 122. 21.3 0.0270 0.32 1.00 2.22 83.0 10.0 287.0 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
17 4 18 108 21 -9.7 0.128 -9.000 -9.000 -999. 110. 19.7 0.0270 0.32 1.00 2.08 65.0 10.0 285.9 2.0 0
0.00 100. 1016. 7 ADJ-A1 NoSubs
17 4 18 108 22 -6.1 0.101 -9.000 -9.000 -999. 77. 15.4 0.0300 0.32 1.00 1.64 42.0 10.0 285.4 2.0 0
0.00 100. 1017. 0 ADJ-A1 NoSubs
17 4 18 108 23 -5.0 0.091 -9.000 -9.000 -999. 66. 13.8 0.0300 0.32 1.00 1.48 15.0 10.0 284.9 2.0 0
0.00 100. 1017. 0 ADJ-A1 NoSubs
17 4 18 108 24 -4.2 0.085 -9.000 -9.000 -999. 60. 13.2 0.0360 0.32 1.00 1.33 335.0 10.0 283.1 2.0 0
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17 4 19 109 1 -4.5 0.087 -9.000 -9.000 -999. 61. 13.2 0.0310 0.32 1.00 1.40 312.0 10.0 283.1 2.0 0
0.00 100. 1017. 0 ADJ-A1 NoSubs
17 4 19 109 2 -8.3 0.118 -9.000 -9.000 -999. 98. 18.1 0.0310 0.32 1.00 1.89 315.0 10.0 282.5 2.0 0
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17 4 19 109 3 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0310 0.32 1.00 1.72 320.0 10.0 282.0 2.0 0
0.00 100. 1017. 0 ADJ-A1 NoSubs
17 4 19 109 4 -5.9 0.099 -9.000 -9.000 -999. 75. 15.0 0.0310 0.32 1.00 1.60 325.0 10.0 280.4 2.0 0
0.00 100. 1017. 0 ADJ-A1 NoSubs
17 4 19 109 5 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0360 0.32 1.00 1.69 350.0 10.0 280.9 2.0 0

0.00 100. 1017. 0 ADJ-A1 NoSubs
17 4 19 109 6 -4.7 0.089 -9.000 -9.000 -999. 63. 13.4 0.0310 0.32 1.00 1.43 323.0 10.0 280.9 2.0 0
0.00 100. 1017. 5 ADJ-A1 NoSubs
17 4 19 109 7 2.8 0.096 0.360 0.008 611. 71. -28.7 0.0310 0.32 0.35 1.23 303.0 10.0 282.5 2.0 0
0.00 100. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 8 37.3 0.121 0.874 0.007 649. 101. -4.3 0.0370 0.32 0.22 1.23 168.0 10.0 285.4 2.0 0
0.00 96. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 9 69.1 0.151 1.078 0.006 660. 140. -4.5 0.0270 0.32 0.18 1.65 80.0 10.0 288.1 2.0 0
0.00 80. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 10 94.4 0.149 1.205 0.005 674. 138. -3.2 0.0370 0.32 0.17 1.45 158.0 10.0 289.9 2.0 0
0.00 64. 1019. 0 ADJ-A1 NoSubs
17 4 19 109 11 112.3 0.203 1.288 0.005 691. 219. -6.7 0.0370 0.32 0.16 2.18 167.0 10.0 291.4 2.0 0
0.00 55. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 12 121.6 0.354 1.353 0.005 739. 506. -33.1 0.0340 0.32 0.16 4.51 226.0 10.0 292.0 2.0 0
0.00 51. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 13 122.4 0.389 1.420 0.005 852. 583. -43.8 0.0340 0.32 0.16 5.05 224.0 10.0 291.4 2.0 0
0.00 53. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 14 115.0 0.353 1.526 0.006 1123. 504. -34.7 0.0340 0.32 0.16 4.51 223.0 10.0 292.0 2.0 0
0.00 53. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 15 98.9 0.347 1.480 0.007 1191. 491. -38.5 0.0340 0.32 0.16 4.47 222.0 10.0 290.9 2.0 0
0.00 57. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 16 75.2 0.420 1.359 0.007 1213. 653. -89.4 0.0280 0.32 0.17 5.85 240.0 10.0 289.9 2.0 0
0.00 59. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 17 45.1 0.403 1.150 0.007 1227. 615. -131.9 0.0340 0.32 0.21 5.50 238.0 10.0 289.9 2.0 0
0.00 59. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 18 10.6 0.296 0.710 0.007 1228. 394. -222.5 0.0340 0.32 0.31 4.10 238.0 10.0 288.1 2.0 0
0.00 66. 1018. 0 ADJ-A1 NoSubs
17 4 19 109 19 -7.9 0.116 -9.000 -9.000 -999. 130. 17.7 0.0230 0.32 0.65 1.94 200.0 10.0 285.9 2.0 0
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17 4 19 109 20 -8.2 0.119 -9.000 -9.000 -999. 98. 18.5 0.0370 0.32 1.00 1.84 166.0 10.0 285.4 2.0 0
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17 4 19 109 21 -6.6 0.105 -9.000 -9.000 -999. 82. 16.0 0.0300 0.32 1.00 1.70 27.0 10.0 284.9 2.0 0
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17 4 19 109 22 -6.4 0.104 -9.000 -9.000 -999. 81. 16.1 0.0360 0.32 1.00 1.64 339.0 10.0 283.8 2.0 0
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17 4 19 109 23 -7.6 0.114 -9.000 -9.000 -999. 92. 17.4 0.0310 0.32 1.00 1.82 328.0 10.0 284.9 2.0 0
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17 4 19 109 24 -5.8 0.098 -9.000 -9.000 -999. 74. 15.0 0.0310 0.32 1.00 1.59 315.0 10.0 284.2 2.0 0
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17 4 20 110 1 -10.6 0.135 -9.000 -9.000 -999. 119. 20.9 0.0310 0.32 1.00 2.13 314.0 10.0 283.1 2.0 0
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17 4 20 110 2 -9.9 0.130 -9.000 -9.000 -999. 112. 20.1 0.0310 0.32 1.00 2.06 313.0 10.0 283.1 2.0 0
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17 4 20 110 3 -7.8 0.115 -9.000 -9.000 -999. 93. 17.6 0.0310 0.32 1.00 1.84 322.0 10.0 283.8 2.0 0
0.00 96. 1019. 10 ADJ-A1 NoSubs
17 4 20 110 4 -3.7 0.079 -9.000 -9.000 -999. 54. 12.3 0.0310 0.32 1.00 1.26 318.0 10.0 284.2 2.0 0
0.00 100. 1019. 10 ADJ-A1 NoSubs
17 4 20 110 5 -3.4 0.076 -9.000 -9.000 -999. 51. 12.1 0.0340 0.32 1.00 1.18 221.0 10.0 284.2 2.0 0
0.00 100. 1019. 10 ADJ-A1 NoSubs
17 4 20 110 6 -3.1 0.074 -9.000 -9.000 -999. 48. 11.7 0.0310 0.32 1.00 1.14 326.0 10.0 284.2 2.0 0
0.00 100. 1019. 10 ADJ-A1 NoSubs
17 4 20 110 7 -0.6 0.067 -9.000 -9.000 -999. 42. 43.7 0.0360 0.32 0.35 1.01 337.0 10.0 285.4 2.0 0
0.00 100. 1020. 10 ADJ-A1 NoSubs
17 4 20 110 8 38.3 0.111 0.762 0.005 421. 89. -3.3 0.0340 0.32 0.22 1.11 126.0 10.0 287.0 2.0 0

0.00 89. 1020. 0 ADJ-A1 NoSubs
17 4 20 110 9 69.7 0.150 1.079 0.005 656. 140. -4.4 0.0370 0.32 0.18 1.53 176.0 10.0 288.1 2.0 0
0.00 80. 1020. 0 ADJ-A1 NoSubs
17 4 20 110 10 93.0 0.180 1.275 0.005 811. 184. -5.7 0.0230 0.32 0.17 2.11 185.0 10.0 290.4 2.0 0
0.00 77. 1020. 5 ADJ-A1 NoSubs
17 4 20 110 11 109.3 0.312 1.387 0.005 888. 418. -25.2 0.0230 0.32 0.16 4.20 205.0 10.0 290.9 2.0 0
0.00 74. 1020. 5 ADJ-A1 NoSubs
17 4 20 110 12 122.0 0.341 1.533 0.005 1074. 478. -29.5 0.0340 0.32 0.16 4.31 230.0 10.0 291.4 2.0 0
0.00 67. 1019. 0 ADJ-A1 NoSubs
17 4 20 110 13 122.9 0.348 1.587 0.005 1183. 493. -31.2 0.0340 0.32 0.16 4.42 219.0 10.0 292.0 2.0 0
0.00 64. 1019. 0 ADJ-A1 NoSubs
17 4 20 110 14 115.5 0.367 1.590 0.005 1266. 534. -39.0 0.0340 0.32 0.16 4.73 226.0 10.0 292.5 2.0 0
0.00 58. 1018. 0 ADJ-A1 NoSubs
17 4 20 110 15 99.7 0.369 1.553 0.005 1366. 538. -45.8 0.0340 0.32 0.16 4.80 227.0 10.0 292.5 2.0 0
0.00 58. 1018. 0 ADJ-A1 NoSubs
17 4 20 110 16 76.3 0.309 1.453 0.005 1460. 415. -35.3 0.0340 0.32 0.17 3.96 232.0 10.0 293.1 2.0 0
0.00 52. 1017. 0 ADJ-A1 NoSubs
17 4 20 110 17 46.7 0.198 1.251 0.005 1521. 218. -15.1 0.0340 0.32 0.20 2.37 121.0 10.0 295.4 2.0 0
0.00 36. 1017. 0 ADJ-A1 NoSubs
17 4 20 110 18 12.2 0.226 0.801 0.005 1530. 259. -86.4 0.0360 0.32 0.31 3.01 350.0 10.0 293.8 2.0 0
0.00 40. 1017. 0 ADJ-A1 NoSubs
17 4 20 110 19 -10.4 0.137 -9.000 -9.000 -999. 124. 22.3 0.0360 0.32 0.64 2.10 334.0 10.0 290.9 2.0 0
0.00 51. 1017. 0 ADJ-A1 NoSubs
17 4 20 110 20 -5.0 0.092 -9.000 -9.000 -999. 67. 14.3 0.0360 0.32 1.00 1.45 334.0 10.0 288.8 2.0 0
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17 4 20 110 21 -14.7 0.158 -9.000 -9.000 -999. 150. 27.4 0.0230 0.32 1.00 2.59 184.0 10.0 284.9 2.0 0
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17 4 20 110 22 -12.5 0.145 -9.000 -9.000 -999. 133. 23.2 0.0230 0.32 1.00 2.40 181.0 10.0 283.8 2.0 0
0.00 100. 1018. 0 ADJ-A1 NoSubs
17 4 20 110 23 -4.3 0.084 -9.000 -9.000 -999. 59. 12.6 0.0250 0.32 1.00 1.40 276.0 10.0 283.8 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
17 4 20 110 24 -9.6 0.128 -9.000 -9.000 -999. 110. 19.7 0.0310 0.32 1.00 2.03 305.0 10.0 283.1 2.0 0
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17 4 21 111 1 -12.5 0.146 -9.000 -9.000 -999. 134. 23.6 0.0310 0.32 1.00 2.30 304.0 10.0 282.5 2.0 0
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17 4 21 111 2 -7.4 0.111 -9.000 -9.000 -999. 89. 17.0 0.0310 0.32 1.00 1.79 312.0 10.0 282.5 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
17 4 21 111 3 -5.8 0.098 -9.000 -9.000 -999. 74. 14.9 0.0310 0.32 1.00 1.59 321.0 10.0 282.0 2.0 0
0.00 95. 1016. 0 ADJ-A1 NoSubs
17 4 21 111 4 -6.3 0.102 -9.000 -9.000 -999. 78. 15.5 0.0310 0.32 1.00 1.65 315.0 10.0 281.4 2.0 0
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17 4 21 111 5 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0360 0.32 1.00 1.71 340.0 10.0 281.4 2.0 0
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17 4 21 111 6 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0310 0.32 1.00 1.42 305.0 10.0 281.4 2.0 0
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17 4 21 111 7 4.3 0.098 0.198 0.012 64. 74. -19.7 0.0250 0.32 0.34 1.28 299.0 10.0 284.2 2.0 0
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17 4 21 111 8 39.1 0.123 0.602 0.011 201. 104. -4.3 0.0360 0.32 0.22 1.26 357.0 10.0 287.5 2.0 0
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17 4 21 111 9 70.6 0.130 0.785 0.009 248. 112. -2.8 0.0300 0.32 0.18 1.30 39.0 10.0 289.9 2.0 0
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17 4 21 111 10 96.2 0.161 0.938 0.006 310. 156. -4.0 0.0270 0.32 0.17 1.74 75.0 10.0 293.1 2.0 0
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17 4 21 111 11 113.9 0.152 1.094 0.005 415. 142. -2.8 0.0340 0.32 0.16 1.48 143.0 10.0 294.2 2.0 0

0.00 46. 1013. 0 ADJ-A1 NoSubs
17 4 21 111 12 123.3 0.231 1.279 0.005 614. 267. -9.0 0.0230 0.32 0.16 2.84 193.0 10.0 295.4 2.0 0
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17 4 21 111 13 124.1 0.313 1.454 0.005 895. 420. -22.3 0.0280 0.32 0.16 4.02 240.0 10.0 295.4 2.0 0
0.00 47. 1012. 0 ADJ-A1 NoSubs
17 4 21 111 14 116.5 0.378 1.534 0.010 1120. 557. -41.8 0.0280 0.32 0.16 5.07 250.0 10.0 294.9 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
17 4 21 111 15 100.5 0.382 1.491 0.011 1192. 566. -49.9 0.0280 0.32 0.16 5.17 246.0 10.0 294.2 2.0 0
0.00 50. 1011. 0 ADJ-A1 NoSubs
17 4 21 111 16 77.2 0.263 1.387 0.012 1247. 332. -21.2 0.0340 0.32 0.17 3.24 236.0 10.0 295.4 2.0 0
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17 4 21 111 17 47.2 0.165 1.187 0.012 1278. 165. -8.5 0.0230 0.32 0.20 2.01 204.0 10.0 295.4 2.0 0
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17 4 21 111 18 11.9 0.198 0.750 0.012 1276. 211. -58.7 0.0370 0.32 0.31 2.57 172.0 10.0 290.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
17 4 21 111 19 -13.2 0.155 -9.000 -9.000 -999. 147. 26.5 0.0370 0.32 0.63 2.35 176.0 10.0 287.5 2.0 0
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17 4 21 111 20 -3.4 0.077 -9.000 -9.000 -999. 54. 12.2 0.0340 0.32 1.00 1.20 230.0 10.0 286.4 2.0 0
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17 4 21 111 21 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.32 1.00 1.82 193.0 10.0 285.9 2.0 0
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17 4 21 111 22 -4.1 0.083 -9.000 -9.000 -999. 57. 12.5 0.0250 0.32 1.00 1.38 277.0 10.0 285.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
17 4 21 111 23 -7.6 0.113 -9.000 -9.000 -999. 91. 17.1 0.0250 0.32 1.00 1.88 298.0 10.0 284.9 2.0 0
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17 4 21 111 24 -10.5 0.135 -9.000 -9.000 -999. 119. 21.2 0.0360 0.32 1.00 2.08 334.0 10.0 284.2 2.0 0
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17 4 22 112 1 -7.2 0.110 -9.000 -9.000 -999. 88. 16.9 0.0310 0.32 1.00 1.77 315.0 10.0 284.2 2.0 0
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17 4 22 112 2 -6.7 0.106 -9.000 -9.000 -999. 83. 15.9 0.0250 0.32 1.00 1.77 290.0 10.0 283.8 2.0 0
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17 4 22 112 3 -4.2 0.085 -9.000 -9.000 -999. 60. 13.1 0.0360 0.32 1.00 1.33 342.0 10.0 282.5 2.0 0
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17 4 22 112 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0310 0.32 1.00 1.81 323.0 10.0 282.5 2.0 0
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17 4 22 112 5 -9.2 0.125 -9.000 -9.000 -999. 106. 19.2 0.0310 0.32 1.00 1.99 316.0 10.0 282.5 2.0 0
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17 4 22 112 6 -9.9 0.130 -9.000 -9.000 -999. 112. 20.0 0.0310 0.32 0.74 2.06 310.0 10.0 282.0 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
17 4 22 112 7 5.0 0.096 0.279 0.014 156. 72. -16.0 0.0310 0.32 0.34 1.18 302.0 10.0 284.2 2.0 0
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17 4 22 112 8 39.7 0.089 0.656 0.015 256. 64. -1.6 0.0230 0.32 0.21 0.87 200.0 10.0 287.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
17 4 22 112 9 70.8 0.148 0.833 0.013 294. 137. -4.1 0.0300 0.32 0.18 1.57 98.0 10.0 289.9 2.0 0
0.00 61. 1011. 5 ADJ-A1 NoSubs
17 4 22 112 10 96.4 0.118 0.973 0.012 344. 97. -1.5 0.0280 0.32 0.17 1.09 263.0 10.0 291.4 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
17 4 22 112 11 116.0 0.230 1.113 0.011 428. 264. -9.4 0.0340 0.32 0.16 2.62 214.0 10.0 293.1 2.0 0
0.00 46. 1011. 3 ADJ-A1 NoSubs
17 4 22 112 12 124.7 0.281 1.218 0.010 522. 357. -16.0 0.0340 0.32 0.16 3.37 226.0 10.0 292.0 2.0 0
0.00 55. 1011. 3 ADJ-A1 NoSubs
17 4 22 112 13 125.6 0.236 1.281 0.010 603. 276. -9.4 0.0340 0.32 0.16 2.69 215.0 10.0 292.5 2.0 0
0.00 56. 1010. 3 ADJ-A1 NoSubs
17 4 22 112 14 116.5 0.192 1.294 0.009 670. 202. -5.5 0.0370 0.32 0.16 2.01 173.0 10.0 293.1 2.0 0

0.00 64. 1010. 0 ADJ-A1 NoSubs
17 4 22 112 15 100.8 0.197 1.265 0.008 724. 210. -6.9 0.0370 0.32 0.16 2.13 172.0 10.0 293.8 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 4 22 112 16 76.9 0.259 1.177 0.007 765. 316. -20.3 0.0370 0.32 0.17 3.12 167.0 10.0 292.0 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 4 22 112 17 46.3 0.328 1.003 0.007 785. 451. -68.7 0.0340 0.32 0.20 4.36 145.0 10.0 289.2 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
17 4 22 112 18 11.9 0.245 0.640 0.007 789. 294. -110.5 0.0340 0.32 0.30 3.32 141.0 10.0 288.1 2.0 0
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17 4 22 112 19 -13.7 0.158 -9.000 -9.000 -999. 153. 27.3 0.0340 0.32 0.63 2.42 141.0 10.0 287.5 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 4 22 112 20 -7.7 0.113 -9.000 -9.000 -999. 92. 17.1 0.0230 0.32 1.00 1.91 188.0 10.0 285.9 2.0 0
0.00 100. 1010. 3 ADJ-A1 NoSubs
17 4 22 112 21 -13.8 0.156 -9.000 -9.000 -999. 148. 26.8 0.0340 0.32 1.00 2.40 141.0 10.0 285.9 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
17 4 22 112 22 -4.7 0.090 -9.000 -9.000 -999. 66. 13.8 0.0340 0.32 1.00 1.43 229.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 4 22 112 23 -2.4 0.067 -9.000 -9.000 -999. 41. 11.2 0.0280 0.32 1.00 0.99 243.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 4 22 112 24 -3.9 0.081 -9.000 -9.000 -999. 55. 12.3 0.0270 0.32 1.00 1.33 60.0 10.0 284.9 2.0 0
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17 4 23 113 1 -2.3 0.066 -9.000 -9.000 -999. 41. 11.3 0.0280 0.32 1.00 0.96 266.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 4 23 113 2 -4.8 0.090 -9.000 -9.000 -999. 65. 13.6 0.0280 0.32 1.00 1.48 253.0 10.0 283.1 2.0 0
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17 4 23 113 3 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0370 0.32 1.00 1.45 174.0 10.0 284.2 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
17 4 23 113 4 -10.1 0.133 -9.000 -9.000 -999. 116. 20.9 0.0370 0.32 1.00 2.04 150.0 10.0 283.8 2.0 0
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17 4 23 113 6 -4.0 0.083 -9.000 -9.000 -999. 58. 12.8 0.0340 0.32 0.72 1.31 129.0 10.0 283.1 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 4 23 113 7 5.7 0.105 0.373 0.005 329. 81. -18.2 0.0360 0.32 0.33 1.26 359.0 10.0 284.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
17 4 23 113 8 40.2 0.108 0.829 0.007 512. 86. -2.9 0.0300 0.32 0.21 1.09 112.0 10.0 285.9 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
17 4 23 113 9 71.5 0.138 1.090 0.009 654. 123. -3.3 0.0370 0.32 0.18 1.35 160.0 10.0 288.1 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
17 4 23 113 10 98.6 0.245 1.285 0.012 778. 291. -13.4 0.0370 0.32 0.17 2.84 174.0 10.0 289.2 2.0 0
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17 4 23 113 11 113.9 0.281 1.376 0.012 827. 357. -17.6 0.0230 0.32 0.16 3.68 193.0 10.0 289.9 2.0 0
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17 4 23 113 12 123.3 0.296 1.442 0.013 877. 386. -19.0 0.0230 0.32 0.16 3.90 185.0 10.0 291.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
17 4 23 113 13 124.3 0.242 1.472 0.014 926. 286. -10.2 0.0230 0.32 0.16 3.01 183.0 10.0 292.5 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
17 4 23 113 14 118.5 0.321 1.475 0.014 977. 436. -25.1 0.0230 0.32 0.16 4.32 199.0 10.0 292.0 2.0 0
0.00 64. 1011. 2 ADJ-A1 NoSubs
17 4 23 113 15 100.9 0.230 1.418 0.014 1020. 268. -10.9 0.0230 0.32 0.16 2.88 188.0 10.0 292.5 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
17 4 23 113 16 79.7 0.247 1.325 0.014 1052. 294. -16.9 0.0230 0.32 0.17 3.22 206.0 10.0 292.5 2.0 0
0.00 62. 1010. 3 ADJ-A1 NoSubs
17 4 23 113 17 47.1 0.236 1.118 0.014 1069. 275. -25.2 0.0340 0.32 0.20 2.95 219.0 10.0 291.4 2.0 0

0.00 65. 1010. 0 ADJ-A1 NoSubs
17 4 23 113 18 16.7 0.204 0.793 0.014 1075. 222. -46.0 0.0300 0.32 0.30 2.72 118.0 10.0 290.9 2.0 0
0.00 62. 1010. 5 ADJ-A1 NoSubs
17 4 23 113 19 -20.8 0.227 -9.000 -9.000 -999. 260. 56.9 0.0270 0.32 0.62 3.56 81.0 10.0 288.1 2.0 0
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17 4 23 113 20 -19.9 0.202 -9.000 -9.000 -999. 218. 44.9 0.0340 0.32 1.00 3.06 120.0 10.0 286.4 2.0 0
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17 4 23 113 21 -14.2 0.157 -9.000 -9.000 -999. 150. 27.2 0.0300 0.32 1.00 2.47 57.0 10.0 285.4 2.0 0
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17 4 23 113 22 -7.7 0.114 -9.000 -9.000 -999. 93. 17.3 0.0270 0.32 1.00 1.87 65.0 10.0 284.9 2.0 0
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17 4 23 113 23 -6.9 0.107 -9.000 -9.000 -999. 85. 16.2 0.0270 0.32 1.00 1.77 66.0 10.0 284.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
17 4 23 113 24 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0360 0.32 1.00 1.59 357.0 10.0 283.1 2.0 0
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17 4 24 114 1 -5.0 0.092 -9.000 -9.000 -999. 67. 13.9 0.0310 0.32 1.00 1.48 319.0 10.0 283.1 2.0 0
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17 4 24 114 2 -5.0 0.092 -9.000 -9.000 -999. 67. 13.9 0.0310 0.32 1.00 1.48 322.0 10.0 282.0 2.0 0
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0.00 100. 1012. 5 ADJ-A1 NoSubs
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17 4 24 114 6 -2.2 0.065 -9.000 -9.000 -999. 40. 11.4 0.0300 0.32 0.71 0.92 17.0 10.0 283.8 2.0 0
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17 4 24 114 7 0.1 0.057 0.061 0.005 72. 33. -149.0 0.0340 0.32 0.33 0.79 227.0 10.0 284.2 2.0 0
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17 4 24 114 9 60.3 0.124 1.098 0.015 793. 104. -2.8 0.0370 0.32 0.18 1.18 157.0 10.0 287.5 2.0 0
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17 4 24 114 10 23.1 0.221 0.800 0.015 802. 250. -42.5 0.0230 0.32 0.17 3.08 198.0 10.0 287.5 2.0 0
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17 4 24 114 11 27.4 0.299 0.849 0.015 808. 392. -88.2 0.0340 0.32 0.16 4.02 219.0 10.0 287.5 2.0 0
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17 4 24 114 12 29.6 0.289 0.874 0.015 815. 374. -73.9 0.0340 0.32 0.16 3.86 225.0 10.0 287.5 2.0 0
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17 4 24 114 13 29.8 0.262 0.879 0.015 822. 322. -54.5 0.0340 0.32 0.16 3.44 218.0 10.0 287.5 2.0 0
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17 4 24 114 14 27.9 0.245 0.860 0.014 826. 292. -48.0 0.0340 0.32 0.16 3.20 224.0 10.0 287.0 2.0 0
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17 4 24 114 15 23.9 0.220 0.818 0.014 828. 248. -40.3 0.0340 0.32 0.16 2.84 231.0 10.0 287.0 2.0 0
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17 4 24 114 16 18.4 0.141 0.751 0.014 829. 129. -13.8 0.0280 0.32 0.17 1.74 243.0 10.0 289.2 2.0 0
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17 4 24 114 17 10.5 0.226 0.623 0.014 830. 259. -99.5 0.0280 0.32 0.20 3.17 267.0 10.0 287.0 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
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17 4 24 114 19 -3.5 0.078 -9.000 -9.000 -999. 93. 12.3 0.0250 0.32 0.61 1.30 289.0 10.0 286.4 2.0 0
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17 4 24 114 20 -3.2 0.075 -9.000 -9.000 -999. 49. 12.1 0.0370 0.32 1.00 1.13 163.0 10.0 285.4 2.0 0

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17 4 24 114 24 -3.8 0.080 -9.000 -9.000 -999. 55. 12.4 0.0310 0.32 1.00 1.28 320.0 10.0 282.5 2.0 0
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17 4 25 115 10 97.4 0.190 1.332 0.014 878. 199. -6.4 0.0230 0.32 0.17 2.25 191.0 10.0 288.8 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
17 4 25 115 11 114.8 0.201 1.425 0.013 912. 217. -6.4 0.0230 0.32 0.16 2.39 183.0 10.0 289.9 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
17 4 25 115 12 123.9 0.274 1.480 0.012 947. 345. -15.0 0.0230 0.32 0.16 3.54 184.0 10.0 290.4 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
17 4 25 115 13 120.6 0.323 1.480 0.011 972. 441. -25.3 0.0370 0.32 0.16 3.97 177.0 10.0 291.4 2.0 0
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17 4 25 115 14 29.0 0.247 0.922 0.011 975. 298. -47.0 0.0230 0.32 0.16 3.46 196.0 10.0 292.5 2.0 0
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17 4 25 115 15 24.9 0.186 0.877 0.011 977. 194. -23.3 0.0230 0.32 0.16 2.49 192.0 10.0 292.0 2.0 0
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17 4 25 115 16 18.8 0.265 0.799 0.011 979. 327. -88.8 0.0340 0.32 0.17 3.56 228.0 10.0 290.9 2.0 0
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17 4 25 115 17 41.6 0.242 1.042 0.010 982. 286. -30.8 0.0340 0.32 0.20 3.07 234.0 10.0 290.4 2.0 0
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17 4 25 115 18 15.3 0.198 0.747 0.010 984. 212. -46.0 0.0270 0.32 0.30 2.69 73.0 10.0 290.9 2.0 0
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17 4 25 115 20 -11.3 0.140 -9.000 -9.000 -999. 126. 21.9 0.0300 0.32 1.00 2.22 43.0 10.0 287.5 2.0 0
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17 4 25 115 21 -14.2 0.157 -9.000 -9.000 -999. 150. 27.2 0.0300 0.32 1.00 2.47 56.0 10.0 286.4 2.0 0
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17 4 25 115 22 -5.9 0.100 -9.000 -9.000 -999. 76. 15.2 0.0300 0.32 1.00 1.62 8.0 10.0 285.9 2.0 0
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17 4 26 116 3 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.32 1.00 1.21 321.0 10.0 284.2 2.0 0
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17 4 26 116 6 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0310 0.32 0.68 1.20 320.0 10.0 284.9 2.0 0
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17 4 26 116 7 0.7 0.054 0.176 0.005 285. 30. -21.3 0.0300 0.32 0.32 0.69 32.0 10.0 285.9 2.0 0
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17 4 26 116 8 9.4 0.095 0.435 0.005 316. 70. -8.1 0.0300 0.32 0.21 1.09 99.0 10.0 287.0 2.0 0
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17 4 26 116 9 17.2 0.124 0.558 0.005 365. 105. -10.1 0.0370 0.32 0.18 1.40 164.0 10.0 287.5 2.0 0
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17 4 26 116 10 23.4 0.126 0.651 0.005 424. 107. -7.6 0.0230 0.32 0.16 1.52 183.0 10.0 288.1 2.0 0
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17 4 26 116 11 27.9 0.184 0.721 0.006 485. 190. -20.2 0.0230 0.32 0.16 2.44 191.0 10.0 289.2 2.0 0
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17 4 26 116 12 30.3 0.270 0.770 0.007 544. 337. -58.7 0.0340 0.32 0.16 3.56 217.0 10.0 289.9 2.0 0
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17 4 26 116 13 30.4 0.280 0.795 0.008 597. 355. -65.1 0.0340 0.32 0.16 3.71 216.0 10.0 289.9 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
17 4 26 116 14 28.4 0.298 0.797 0.009 642. 391. -84.2 0.0340 0.32 0.16 4.00 220.0 10.0 289.2 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
17 4 26 116 15 24.2 0.269 0.768 0.009 677. 336. -73.0 0.0340 0.32 0.16 3.59 234.0 10.0 287.5 2.0 0
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17 4 26 116 16 65.1 0.157 1.115 0.011 769. 156. -5.4 0.0370 0.32 0.17 1.64 166.0 10.0 289.9 2.0 0
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17 4 26 116 17 41.8 0.163 0.980 0.011 811. 158. -9.4 0.0300 0.32 0.20 1.91 93.0 10.0 289.9 2.0 0
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17 4 26 116 18 15.3 0.230 0.704 0.011 822. 264. -71.5 0.0300 0.32 0.29 3.13 50.0 10.0 289.2 2.0 0
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17 4 26 116 19 -10.0 0.137 -9.000 -9.000 -999. 125. 23.1 0.0270 0.32 0.60 2.20 75.0 10.0 288.1 2.0 0
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17 4 26 116 20 -13.8 0.155 -9.000 -9.000 -999. 147. 26.5 0.0300 0.32 1.00 2.44 111.0 10.0 286.4 2.0 0
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17 4 26 116 24 -6.8 0.108 -9.000 -9.000 -999. 85. 16.7 0.0340 0.32 1.00 1.71 239.0 10.0 285.4 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
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0.00 96. 1011. 10 ADJ-A1 NoSubs
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0.00 100. 1011. 7 ADJ-A1 NoSubs
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0.00 100. 1011. 10 ADJ-A1 NoSubs
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0.00 100. 1011. 3 ADJ-A1 NoSubs
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0.00 100. 1012. 10 ADJ-A1 NoSubs
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0.00 89. 1012. 10 ADJ-A1 NoSubs
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17 4 27 117 10 98.5 0.171 1.146 0.018 552. 169. -4.5 0.0230 0.32 0.16 1.94 195.0 10.0 289.2 2.0 0
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0.00 77. 1012. 0 ADJ-A1 NoSubs
17 4 27 117 12 124.9 0.295 1.329 0.015 679. 384. -18.5 0.0340 0.32 0.16 3.59 210.0 10.0 291.4 2.0 0
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17 4 27 117 13 125.9 0.244 1.354 0.014 712. 290. -10.4 0.0370 0.32 0.16 2.76 177.0 10.0 293.1 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
17 4 27 117 14 118.5 0.288 1.346 0.013 742. 371. -18.2 0.0370 0.32 0.16 3.44 173.0 10.0 293.8 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
17 4 27 117 15 102.7 0.284 1.298 0.012 766. 363. -20.1 0.0230 0.32 0.16 3.76 197.0 10.0 294.2 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
17 4 27 117 16 79.6 0.184 1.198 0.011 778. 194. -7.0 0.0340 0.32 0.17 2.03 142.0 10.0 295.4 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
17 4 27 117 17 49.2 0.253 1.023 0.011 784. 305. -29.5 0.0270 0.32 0.20 3.34 84.0 10.0 293.1 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
17 4 27 117 18 15.0 0.162 0.690 0.011 786. 160. -25.5 0.0300 0.32 0.29 2.08 43.0 10.0 292.5 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
17 4 27 117 19 -13.6 0.159 -9.000 -9.000 -999. 153. 27.9 0.0300 0.32 0.59 2.49 38.0 10.0 289.9 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
17 4 27 117 20 -12.7 0.149 -9.000 -9.000 -999. 138. 24.4 0.0300 0.32 1.00 2.35 39.0 10.0 287.0 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
17 4 27 117 21 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0300 0.32 1.00 1.89 42.0 10.0 285.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
17 4 27 117 22 -12.8 0.149 -9.000 -9.000 -999. 138. 24.4 0.0300 0.32 1.00 2.35 48.0 10.0 284.2 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
17 4 27 117 23 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0300 0.32 1.00 1.82 48.0 10.0 283.8 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
17 4 27 117 24 -11.7 0.141 -9.000 -9.000 -999. 128. 22.0 0.0270 0.32 1.00 2.28 77.0 10.0 283.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
17 4 28 118 1 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0300 0.32 1.00 1.67 25.0 10.0 282.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
17 4 28 118 2 -8.0 0.116 -9.000 -9.000 -999. 95. 17.7 0.0310 0.32 1.00 1.86 326.0 10.0 281.4 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 4 28 118 3 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0360 0.32 1.00 1.69 338.0 10.0 281.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
17 4 28 118 4 -10.9 0.137 -9.000 -9.000 -999. 121. 21.1 0.0310 0.32 1.00 2.16 318.0 10.0 280.9 2.0 0
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17 4 28 118 5 -9.9 0.130 -9.000 -9.000 -999. 112. 19.9 0.0310 0.32 1.00 2.06 315.0 10.0 280.4 2.0 0

0.00 96. 1011. 0 ADJ-A1 NoSubs
17 4 28 118 6 -10.0 0.131 -9.000 -9.000 -999. 114. 20.5 0.0310 0.32 0.66 2.08 323.0 10.0 280.4 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
17 4 28 118 7 8.7 0.113 0.358 0.011 190. 91. -14.8 0.0360 0.32 0.32 1.33 334.0 10.0 283.1 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
17 4 28 118 8 43.2 0.111 0.759 0.012 364. 88. -2.8 0.0340 0.32 0.21 1.08 126.0 10.0 285.4 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
17 4 28 118 9 74.3 0.142 0.970 0.011 444. 129. -3.5 0.0340 0.32 0.17 1.43 125.0 10.0 288.1 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
17 4 28 118 10 99.1 0.269 1.102 0.009 487. 334. -17.7 0.0370 0.32 0.16 3.20 157.0 10.0 289.9 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
17 4 28 118 11 116.3 0.303 1.199 0.008 534. 401. -21.6 0.0370 0.32 0.16 3.68 176.0 10.0 290.9 2.0 0
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17 4 28 118 12 125.5 0.278 1.264 0.008 581. 352. -15.4 0.0370 0.32 0.16 3.27 176.0 10.0 292.5 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
17 4 28 118 13 126.7 0.293 1.300 0.006 626. 380. -17.9 0.0370 0.32 0.16 3.49 178.0 10.0 294.9 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
17 4 28 118 14 119.8 0.280 1.326 0.005 702. 357. -16.6 0.0360 0.32 0.16 3.34 342.0 10.0 297.5 2.0 0
0.00 18. 1010. 0 ADJ-A1 NoSubs
17 4 28 118 15 103.8 0.340 1.344 0.005 842. 476. -34.1 0.0310 0.32 0.16 4.42 321.0 10.0 297.0 2.0 0
0.00 17. 1009. 0 ADJ-A1 NoSubs
17 4 28 118 16 80.6 0.354 1.299 0.005 979. 505. -49.4 0.0310 0.32 0.17 4.70 326.0 10.0 297.5 2.0 0
0.00 17. 1009. 0 ADJ-A1 NoSubs
17 4 28 118 17 50.4 0.309 1.119 0.005 1001. 413. -52.6 0.0310 0.32 0.20 4.12 310.0 10.0 296.4 2.0 0
0.00 16. 1009. 0 ADJ-A1 NoSubs
17 4 28 118 18 16.2 0.266 0.767 0.005 1005. 330. -104.5 0.0310 0.32 0.29 3.66 311.0 10.0 295.4 2.0 0
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0.00 96. 1012. 0 ADJ-A1 NoSubs
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0.00 92. 1012. 0 ADJ-A1 NoSubs
17 4 29 119 6 -4.7 0.088 -9.000 -9.000 -999. 63. 13.3 0.0250 0.32 0.65 1.48 285.0 10.0 280.4 2.0 0
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0.00 89. 1013. 0 ADJ-A1 NoSubs
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0.00 71. 1014. 0 ADJ-A1 NoSubs
17 4 29 119 9 75.3 0.233 0.903 0.005 353. 269. -15.1 0.0370 0.32 0.17 2.73 176.0 10.0 290.9 2.0 0
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17 4 29 119 10 100.4 0.204 1.154 0.005 554. 221. -7.7 0.0370 0.32 0.16 2.23 166.0 10.0 293.8 2.0 0
0.00 32. 1014. 0 ADJ-A1 NoSubs
17 4 29 119 11 117.6 0.254 1.402 0.005 848. 307. -12.6 0.0370 0.32 0.16 2.93 179.0 10.0 294.9 2.0 0
0.00 40. 1014. 0 ADJ-A1 NoSubs
17 4 29 119 12 126.4 0.294 1.524 0.005 1014. 382. -18.2 0.0230 0.32 0.16 3.86 208.0 10.0 294.9 2.0 0
0.00 34. 1014. 0 ADJ-A1 NoSubs
17 4 29 119 13 127.3 0.343 1.598 0.005 1160. 481. -28.6 0.0340 0.32 0.16 4.32 215.0 10.0 295.9 2.0 0
0.00 33. 1013. 0 ADJ-A1 NoSubs
17 4 29 119 14 119.7 0.312 1.618 0.005 1281. 419. -22.9 0.0230 0.32 0.16 4.17 205.0 10.0 295.9 2.0 0
0.00 30. 1013. 0 ADJ-A1 NoSubs
17 4 29 119 15 104.0 0.310 1.582 0.005 1378. 414. -25.9 0.0340 0.32 0.16 3.88 210.0 10.0 296.4 2.0 0
0.00 28. 1013. 0 ADJ-A1 NoSubs
17 4 29 119 16 80.6 0.219 1.474 0.005 1435. 249. -11.7 0.0230 0.32 0.17 2.76 190.0 10.0 296.4 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
17 4 29 119 17 50.0 0.233 1.264 0.005 1459. 270. -22.9 0.0340 0.32 0.20 2.89 137.0 10.0 293.1 2.0 0
0.00 56. 1013. 0 ADJ-A1 NoSubs
17 4 29 119 18 15.5 0.238 0.856 0.005 1463. 278. -78.4 0.0370 0.32 0.29 3.13 163.0 10.0 290.4 2.0 0
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0.00 83. 1013. 0 ADJ-A1 NoSubs
17 4 29 119 20 -17.9 0.180 -9.000 -9.000 -999. 184. 35.8 0.0370 0.32 1.00 2.71 165.0 10.0 285.4 2.0 0
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17 4 30 120 1 -3.8 0.080 -9.000 -9.000 -999. 55. 12.4 0.0310 0.32 1.00 1.28 327.0 10.0 282.5 2.0 0
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17 4 30 120 2 -7.8 0.115 -9.000 -9.000 -999. 93. 17.5 0.0310 0.32 1.00 1.84 309.0 10.0 282.0 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 4 30 120 3 -3.8 0.081 -9.000 -9.000 -999. 56. 12.6 0.0360 0.32 1.00 1.26 337.0 10.0 281.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 4 30 120 4 -9.1 0.124 -9.000 -9.000 -999. 105. 19.1 0.0310 0.32 1.00 1.98 320.0 10.0 281.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 4 30 120 5 -6.2 0.101 -9.000 -9.000 -999. 77. 15.0 0.0250 0.32 1.00 1.69 294.0 10.0 280.9 2.0 0
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17 4 30 120 6 -2.4 0.067 -9.000 -9.000 -999. 42. 11.2 0.0280 0.32 0.64 1.01 269.0 10.0 281.4 2.0 0
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17 4 30 120 7 10.0 0.092 0.323 0.016 121. 67. -7.0 0.0300 0.32 0.31 1.04 8.0 10.0 283.8 2.0 0
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17 4 30 120 8 44.4 0.113 0.662 0.018 236. 91. -2.9 0.0340 0.32 0.21 1.11 127.0 10.0 285.9 2.0 0
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17 4 30 120 9 75.5 0.118 0.815 0.017 260. 98. -2.0 0.0340 0.32 0.17 1.09 127.0 10.0 289.2 2.0 0
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17 4 30 120 10 100.4 0.130 0.928 0.015 288. 113. -2.0 0.0340 0.32 0.16 1.20 146.0 10.0 292.0 2.0 0
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17 4 30 120 11 117.9 0.162 1.024 0.014 330. 157. -3.3 0.0230 0.32 0.16 1.77 195.0 10.0 294.2 2.0 0

0.00 60. 1015. 0 ADJ-A1 NoSubs
17 4 30 120 12 126.9 0.265 1.098 0.012 377. 328. -13.3 0.0340 0.32 0.16 3.13 210.0 10.0 295.4 2.0 0
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17 4 30 120 13 127.2 0.312 1.303 0.012 629. 418. -21.6 0.0340 0.32 0.16 3.85 225.0 10.0 294.2 2.0 0
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17 4 30 120 14 120.1 0.273 1.319 0.011 691. 344. -15.4 0.0340 0.32 0.16 3.27 226.0 10.0 295.9 2.0 0
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17 4 30 120 15 104.5 0.233 1.275 0.010 717. 270. -10.9 0.0370 0.32 0.16 2.64 165.0 10.0 297.0 2.0 0
0.00 50. 1013. 0 ADJ-A1 NoSubs
17 4 30 120 16 80.7 0.277 1.180 0.009 735. 349. -23.7 0.0340 0.32 0.17 3.44 123.0 10.0 295.4 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
17 4 30 120 17 50.7 0.272 1.015 0.009 746. 340. -35.6 0.0370 0.32 0.20 3.42 151.0 10.0 294.2 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
17 4 30 120 18 16.3 0.275 0.696 0.009 748. 346. -115.5 0.0370 0.32 0.29 3.68 162.0 10.0 292.0 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
17 4 30 120 19 -14.0 0.166 -9.000 -9.000 -999. 168. 30.2 0.0370 0.32 0.57 2.49 178.0 10.0 288.1 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
17 4 30 120 20 -11.6 0.140 -9.000 -9.000 -999. 126. 21.6 0.0230 0.32 1.00 2.32 206.0 10.0 285.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
17 4 30 120 21 -12.9 0.148 -9.000 -9.000 -999. 137. 24.1 0.0230 0.32 1.00 2.44 202.0 10.0 284.9 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
17 4 30 120 22 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0230 0.32 1.00 1.81 187.0 10.0 284.2 2.0 0
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17 4 30 120 23 -5.6 0.098 -9.000 -9.000 -999. 74. 15.1 0.0360 0.32 1.00 1.54 354.0 10.0 284.9 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
17 4 30 120 24 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.32 1.00 1.23 313.0 10.0 283.8 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 5 1 121 1 -4.8 0.090 -9.000 -9.000 -999. 65. 13.7 0.0310 0.32 1.00 1.45 324.0 10.0 283.8 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 5 1 121 2 -3.7 0.079 -9.000 -9.000 -999. 54. 12.2 0.0310 0.32 1.00 1.26 313.0 10.0 283.1 2.0 0
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17 5 1 121 3 -4.5 0.087 -9.000 -9.000 -999. 61. 13.2 0.0310 0.32 1.00 1.40 312.0 10.0 282.0 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 5 1 121 4 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0310 0.32 1.00 1.06 315.0 10.0 282.5 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
17 5 1 121 5 -4.7 0.089 -9.000 -9.000 -999. 63. 13.5 0.0310 0.32 1.00 1.43 320.0 10.0 282.0 2.0 0
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17 5 1 121 6 -5.3 0.096 -9.000 -9.000 -999. 71. 15.0 0.0310 0.32 0.63 1.55 327.0 10.0 283.1 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 5 1 121 7 11.0 0.115 0.307 0.022 95. 93. -12.4 0.0360 0.32 0.31 1.33 342.0 10.0 286.4 2.0 0
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17 5 1 121 8 45.6 0.101 0.607 0.021 177. 77. -2.0 0.0370 0.32 0.20 0.91 157.0 10.0 289.2 2.0 0
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17 5 1 121 9 76.8 0.148 0.825 0.019 264. 137. -3.8 0.0300 0.32 0.17 1.55 99.0 10.0 293.1 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
17 5 1 121 10 101.9 0.155 0.979 0.016 332. 147. -3.3 0.0370 0.32 0.16 1.52 155.0 10.0 296.4 2.0 0
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17 5 1 121 11 119.3 0.197 1.065 0.014 366. 210. -5.8 0.0370 0.32 0.16 2.08 164.0 10.0 298.1 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
17 5 1 121 12 128.5 0.267 1.113 0.011 387. 331. -13.3 0.0230 0.32 0.16 3.41 188.0 10.0 299.9 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
17 5 1 121 13 128.4 0.322 1.131 0.007 406. 438. -23.4 0.0230 0.32 0.16 4.31 188.0 10.0 297.5 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
17 5 1 121 14 120.8 0.300 1.162 0.006 468. 394. -20.1 0.0370 0.32 0.16 3.61 153.0 10.0 297.5 2.0 0

0.00 45. 1009. 0 ADJ-A1 NoSubs
17 5 1 121 15 104.7 0.260 1.170 0.005 550. 319. -15.1 0.0370 0.32 0.16 3.05 153.0 10.0 296.4 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
17 5 1 121 16 81.7 0.210 1.115 0.005 610. 232. -10.2 0.0370 0.32 0.17 2.37 157.0 10.0 297.5 2.0 0
0.00 53. 1008. 0 ADJ-A1 NoSubs
17 5 1 121 17 51.4 0.249 0.970 0.005 639. 298. -26.9 0.0370 0.32 0.20 3.07 177.0 10.0 295.4 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 5 1 121 18 16.7 0.256 0.669 0.005 643. 310. -89.9 0.0230 0.32 0.28 3.69 186.0 10.0 292.0 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
17 5 1 121 19 -19.7 0.236 -9.000 -9.000 -999. 275. 61.3 0.0230 0.32 0.56 3.78 181.0 10.0 287.5 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
17 5 1 121 20 -6.2 0.103 -9.000 -9.000 -999. 93. 15.9 0.0340 0.32 1.00 1.64 225.0 10.0 286.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
17 5 1 121 21 -7.9 0.115 -9.000 -9.000 -999. 94. 17.4 0.0230 0.32 1.00 1.94 183.0 10.0 285.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
17 5 1 121 22 -6.0 0.102 -9.000 -9.000 -999. 78. 15.7 0.0370 0.32 1.00 1.59 178.0 10.0 285.9 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
17 5 1 121 23 -2.5 0.068 -9.000 -9.000 -999. 42. 11.0 0.0250 0.32 1.00 1.04 295.0 10.0 285.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
17 5 1 121 24 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0310 0.32 1.00 1.59 321.0 10.0 285.9 2.0 0
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17 5 2 122 1 -1.9 0.063 -9.000 -9.000 -999. 38. 11.3 0.0250 0.32 1.00 0.87 295.0 10.0 285.4 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
17 5 2 122 2 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.32 1.00 0.97 329.0 10.0 284.9 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
17 5 2 122 3 -4.2 0.084 -9.000 -9.000 -999. 58. 12.7 0.0280 0.32 1.00 1.37 267.0 10.0 283.8 2.0 0
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17 5 2 122 4 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0340 0.32 1.00 1.06 217.0 10.0 284.9 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
17 5 2 122 5 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.32 1.00 1.37 307.0 10.0 284.2 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
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0.00 96. 1009. 0 ADJ-A1 NoSubs
17 5 2 122 7 11.7 0.082 0.287 0.021 72. 56. -4.2 0.0250 0.32 0.30 0.91 280.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
17 5 2 122 8 46.5 0.113 0.568 0.018 141. 92. -2.8 0.0300 0.32 0.20 1.14 91.0 10.0 291.4 2.0 0
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17 5 2 122 9 77.5 0.166 0.766 0.015 209. 163. -5.3 0.0300 0.32 0.17 1.82 112.0 10.0 294.2 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
17 5 2 122 10 102.6 0.139 0.928 0.012 280. 124. -2.3 0.0370 0.32 0.16 1.28 169.0 10.0 297.5 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
17 5 2 122 11 119.9 0.205 1.059 0.009 357. 223. -6.5 0.0230 0.32 0.16 2.44 188.0 10.0 298.8 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
17 5 2 122 12 128.9 0.284 1.150 0.007 425. 364. -16.0 0.0230 0.32 0.16 3.69 180.0 10.0 299.9 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
17 5 2 122 13 129.4 0.291 1.202 0.005 483. 376. -17.1 0.0230 0.32 0.16 3.80 193.0 10.0 299.9 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
17 5 2 122 14 122.0 0.271 1.260 0.005 590. 339. -14.6 0.0230 0.32 0.16 3.49 203.0 10.0 300.4 2.0 0
0.00 40. 1008. 0 ADJ-A1 NoSubs
17 5 2 122 15 105.1 0.296 1.318 0.005 784. 387. -22.2 0.0370 0.32 0.16 3.60 158.0 10.0 296.8 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
17 5 2 122 16 80.9 0.316 1.247 0.005 862. 427. -35.1 0.0370 0.32 0.17 3.98 153.0 10.0 293.1 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
17 5 2 122 17 51.0 0.267 1.089 0.005 909. 332. -33.5 0.0370 0.32 0.20 3.35 170.0 10.0 292.0 2.0 0

0.00 72. 1007. 0 ADJ-A1 NoSubs
17 5 2 122 18 16.9 0.193 0.757 0.005 921. 205. -38.1 0.0230 0.32 0.28 2.67 195.0 10.0 290.9 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
17 5 2 122 19 -12.0 0.151 -9.000 -9.000 -999. 141. 25.7 0.0230 0.32 0.55 2.47 197.0 10.0 288.1 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
17 5 2 122 20 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0230 0.32 1.00 1.67 205.0 10.0 287.5 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
17 5 2 122 21 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0230 0.32 1.00 1.65 209.0 10.0 286.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
17 5 2 122 22 -5.9 0.100 -9.000 -9.000 -999. 76. 15.4 0.0340 0.32 1.00 1.59 211.0 10.0 285.9 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
17 5 2 122 23 -2.4 0.067 -9.000 -9.000 -999. 42. 11.6 0.0340 0.32 1.00 0.96 233.0 10.0 287.0 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
17 5 2 122 24 -4.6 0.089 -9.000 -9.000 -999. 63. 13.6 0.0310 0.32 1.00 1.43 310.0 10.0 287.0 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 1 -2.3 0.066 -9.000 -9.000 -999. 41. 11.0 0.0250 0.32 1.00 0.99 285.0 10.0 285.4 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 2 -2.8 0.071 -9.000 -9.000 -999. 45. 11.5 0.0310 0.32 1.00 1.08 320.0 10.0 285.9 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 3 -2.9 0.071 -9.000 -9.000 -999. 45. 11.2 0.0250 0.32 1.00 1.13 297.0 10.0 285.4 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 4 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0310 0.32 1.00 1.03 303.0 10.0 285.4 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
17 5 3 123 5 -2.2 0.065 -9.000 -9.000 -999. 40. 11.1 0.0250 0.32 1.00 0.96 280.0 10.0 284.2 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 6 -1.4 0.058 -9.000 -9.000 -999. 33. 12.4 0.0280 0.32 0.61 0.70 268.0 10.0 284.9 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 7 12.4 0.066 0.260 0.023 51. 40. -2.0 0.0230 0.32 0.30 0.67 190.0 10.0 288.1 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 8 47.2 0.105 0.579 0.020 147. 81. -2.2 0.0270 0.32 0.20 1.04 67.0 10.0 292.0 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 9 78.4 0.114 0.784 0.018 220. 93. -1.7 0.0300 0.32 0.17 1.06 114.0 10.0 295.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 10 103.7 0.130 0.926 0.014 276. 112. -1.9 0.0370 0.32 0.16 1.16 151.0 10.0 299.9 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 11 121.1 0.206 1.031 0.011 326. 224. -6.4 0.0370 0.32 0.16 2.20 163.0 10.0 301.4 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 12 129.7 0.299 1.103 0.007 372. 393. -18.5 0.0340 0.32 0.16 3.64 212.0 10.0 301.4 2.0 0
0.00 48. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 13 130.1 0.285 1.155 0.005 426. 365. -16.0 0.0340 0.32 0.16 3.42 237.0 10.0 300.9 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 14 122.1 0.297 1.236 0.006 556. 389. -19.3 0.0340 0.32 0.16 3.63 217.0 10.0 299.9 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 15 105.8 0.310 1.238 0.006 645. 415. -25.4 0.0340 0.32 0.16 3.88 226.0 10.0 298.1 2.0 0
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17 5 3 123 16 81.8 0.315 1.205 0.007 770. 424. -34.3 0.0340 0.32 0.17 4.02 221.0 10.0 295.4 2.0 0
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17 5 3 123 17 51.6 0.293 1.068 0.006 849. 381. -43.8 0.0340 0.32 0.20 3.80 213.0 10.0 293.1 2.0 0
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17 5 3 123 18 17.4 0.221 0.749 0.006 866. 252. -55.8 0.0340 0.32 0.28 2.91 214.0 10.0 291.4 2.0 0
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17 5 3 123 19 -12.2 0.153 -9.000 -9.000 -999. 145. 26.4 0.0230 0.32 0.55 2.50 188.0 10.0 289.2 2.0 0
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17 5 3 123 20 -20.8 0.212 -9.000 -9.000 -999. 234. 49.2 0.0370 0.32 1.00 3.15 179.0 10.0 287.5 2.0 0

0.00 93. 1008. 0 ADJ-A1 NoSubs
17 5 3 123 21 -8.8 0.124 -9.000 -9.000 -999. 107. 19.4 0.0370 0.32 1.00 1.91 161.0 10.0 285.9 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
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0.00 100. 1009. 7 ADJ-A1 NoSubs
17 5 3 123 23 -9.6 0.129 -9.000 -9.000 -999. 112. 20.3 0.0370 0.32 1.00 1.99 179.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 5 3 123 24 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0370 0.32 1.00 1.45 174.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 5 4 124 1 -2.8 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.32 1.00 1.13 185.0 10.0 283.8 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
17 5 4 124 2 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0370 0.32 1.00 1.06 157.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 5 4 124 3 -2.4 0.068 -9.000 -9.000 -999. 42. 11.6 0.0340 0.32 1.00 0.96 128.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 5 4 124 4 -2.0 0.063 -9.000 -9.000 -999. 38. 11.1 0.0230 0.32 1.00 0.91 193.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 5 4 124 5 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0340 0.32 1.00 1.06 225.0 10.0 283.1 2.0 0
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17 5 4 124 6 -1.7 0.060 -9.000 -9.000 -999. 36. 11.8 0.0280 0.32 0.60 0.79 259.0 10.0 283.8 2.0 0
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17 5 4 124 7 1.6 0.069 0.109 0.033 28. 44. -18.5 0.0310 0.32 0.30 0.86 307.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 5 4 124 8 46.8 0.123 0.600 0.032 166. 104. -3.6 0.0300 0.32 0.20 1.28 28.0 10.0 287.5 2.0 0
0.00 93. 1009. 0 ADJ-A1 NoSubs
17 5 4 124 9 77.7 0.168 0.754 0.029 198. 165. -5.5 0.0370 0.32 0.17 1.76 176.0 10.0 290.9 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
17 5 4 124 10 102.1 0.371 0.869 0.005 232. 542. -45.0 0.0340 0.32 0.16 4.82 212.0 10.0 292.0 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
17 5 4 124 11 118.6 0.390 1.018 0.005 320. 585. -45.1 0.0340 0.32 0.16 5.07 226.0 10.0 290.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 5 4 124 12 127.2 0.357 1.090 0.007 366. 512. -32.1 0.0230 0.32 0.16 4.88 209.0 10.0 290.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 5 4 124 13 127.6 0.387 1.113 0.005 389. 578. -40.9 0.0340 0.32 0.16 5.00 227.0 10.0 290.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 5 4 124 14 120.3 0.377 1.117 0.005 417. 557. -40.2 0.0340 0.32 0.16 4.87 231.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
17 5 4 124 15 104.4 0.319 1.087 0.012 443. 434. -27.9 0.0230 0.32 0.16 4.32 206.0 10.0 290.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 5 4 124 16 80.7 0.293 1.011 0.011 461. 382. -28.1 0.0230 0.32 0.17 3.98 206.0 10.0 288.8 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
17 5 4 124 17 50.7 0.284 0.873 0.010 471. 364. -40.7 0.0230 0.32 0.20 3.95 204.0 10.0 286.4 2.0 0
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17 5 4 124 18 17.3 0.216 0.611 0.010 474. 243. -52.8 0.0230 0.32 0.28 3.05 204.0 10.0 284.9 2.0 0
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17 5 4 124 19 -9.9 0.136 -9.000 -9.000 -999. 123. 22.9 0.0340 0.32 0.54 2.11 222.0 10.0 284.2 2.0 0
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17 5 4 124 20 -9.1 0.125 -9.000 -9.000 -999. 106. 19.5 0.0340 0.32 1.00 1.96 219.0 10.0 284.2 2.0 0
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17 5 4 124 21 -13.8 0.156 -9.000 -9.000 -999. 148. 26.7 0.0340 0.32 1.00 2.40 221.0 10.0 284.2 2.0 0
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17 5 4 124 22 -4.3 0.085 -9.000 -9.000 -999. 61. 13.1 0.0340 0.32 1.00 1.35 216.0 10.0 284.2 2.0 0
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17 5 4 124 23 -6.1 0.102 -9.000 -9.000 -999. 78. 15.7 0.0340 0.32 1.00 1.62 212.0 10.0 284.2 2.0 0

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17 5 4 124 24 -6.0 0.100 -9.000 -9.000 -999. 75. 14.8 0.0230 0.32 1.00 1.69 186.0 10.0 284.2 2.0 0
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17 5 5 125 1 -18.2 0.183 -9.000 -9.000 -999. 188. 36.9 0.0340 0.32 1.00 2.79 142.0 10.0 283.8 2.0 0
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17 5 5 125 2 -11.9 0.144 -9.000 -9.000 -999. 131. 22.8 0.0340 0.32 1.00 2.23 121.0 10.0 283.8 2.0 0
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17 5 5 125 4 -4.8 0.089 -9.000 -9.000 -999. 64. 13.5 0.0280 0.32 1.00 1.47 252.0 10.0 283.8 2.0 0
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17 5 5 125 5 -3.2 0.075 -9.000 -9.000 -999. 50. 12.0 0.0340 0.32 1.00 1.16 213.0 10.0 283.8 2.0 0
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17 5 5 125 6 -2.4 0.066 -9.000 -9.000 -999. 41. 10.9 0.0230 0.32 0.59 1.04 196.0 10.0 284.2 2.0 0
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17 5 5 125 7 1.8 0.108 0.216 0.005 196. 86. -62.6 0.0250 0.32 0.30 1.52 277.0 10.0 284.9 2.0 0
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17 5 5 125 8 10.4 0.130 0.459 0.018 334. 113. -19.1 0.0340 0.32 0.20 1.59 237.0 10.0 285.4 2.0 0
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17 5 5 125 9 18.1 0.118 0.577 0.023 381. 98. -8.2 0.0340 0.32 0.17 1.33 227.0 10.0 286.4 2.0 0
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17 5 5 125 10 24.2 0.181 0.664 0.025 435. 185. -22.2 0.0230 0.32 0.16 2.42 197.0 10.0 287.0 2.0 0
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17 5 5 125 11 28.6 0.236 0.732 0.025 492. 275. -41.3 0.0370 0.32 0.16 3.00 167.0 10.0 288.1 2.0 0
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17 5 5 125 12 127.2 0.213 1.346 0.025 690. 236. -6.8 0.0340 0.32 0.16 2.34 123.0 10.0 289.2 2.0 0
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17 5 5 125 13 128.3 0.207 1.363 0.023 710. 226. -6.2 0.0340 0.32 0.16 2.25 135.0 10.0 292.0 2.0 0
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17 5 5 125 17 52.2 0.380 1.030 0.020 752. 563. -94.5 0.0280 0.32 0.20 5.31 242.0 10.0 292.0 2.0 0
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17 5 6 126 1 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0310 0.32 1.00 1.25 316.0 10.0 281.4 2.0 0
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17 5 6 126 7 1.7 0.288 0.363 0.015 984. 372. -1241.9 0.0280 0.32 0.29 4.22 258.0 10.0 283.1 2.0 0
0.00 70. 1006. 10 ADJ-A1 NoSubs
17 5 6 126 8 10.4 0.244 0.665 0.016 1017. 290. -125.4 0.0280 0.32 0.20 3.44 251.0 10.0 284.2 2.0 0
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17 5 6 126 9 18.0 0.253 0.814 0.018 1072. 305. -80.4 0.0280 0.32 0.17 3.51 264.0 10.0 285.4 2.0 0
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17 5 6 126 10 24.1 0.221 0.900 0.018 1083. 250. -40.1 0.0280 0.32 0.16 2.96 242.0 10.0 285.9 2.0 0
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17 5 6 126 11 28.4 0.311 0.952 0.018 1088. 416. -94.7 0.0340 0.32 0.16 4.19 210.0 10.0 286.4 2.0 0
0.00 69. 1004. 10 ADJ-A1 NoSubs
17 5 6 126 12 30.7 0.299 0.979 0.018 1093. 393. -78.0 0.0340 0.32 0.16 4.00 217.0 10.0 287.5 2.0 0
0.00 66. 1004. 10 ADJ-A1 NoSubs
17 5 6 126 13 30.8 0.286 0.982 0.018 1098. 367. -67.9 0.0340 0.32 0.16 3.80 223.0 10.0 287.5 2.0 0
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17 5 6 126 14 28.9 0.238 0.962 0.018 1103. 280. -41.8 0.0340 0.32 0.16 3.08 216.0 10.0 287.0 2.0 0
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17 5 6 126 15 24.9 0.193 0.917 0.018 1108. 204. -25.9 0.0370 0.32 0.16 2.38 174.0 10.0 287.0 2.0 0
0.00 68. 1003. 10 ADJ-A1 NoSubs
17 5 6 126 16 67.5 0.197 1.284 0.018 1119. 210. -10.1 0.0300 0.32 0.17 2.32 107.0 10.0 288.1 2.0 0
0.00 63. 1002. 7 ADJ-A1 NoSubs
17 5 6 126 17 44.5 0.281 1.119 0.018 1127. 357. -44.6 0.0370 0.32 0.20 3.59 179.0 10.0 287.0 2.0 0
0.00 68. 1002. 7 ADJ-A1 NoSubs
17 5 6 126 18 18.3 0.204 0.833 0.018 1130. 223. -41.2 0.0230 0.32 0.28 2.83 195.0 10.0 287.0 2.0 0
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17 5 6 126 19 -12.5 0.162 -9.000 -9.000 -999. 157. 30.4 0.0340 0.32 0.53 2.47 143.0 10.0 285.4 2.0 0
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17 5 6 126 23 -6.6 0.106 -9.000 -9.000 -999. 82. 16.0 0.0300 0.32 1.00 1.71 10.0 10.0 282.0 2.0 0
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17 5 6 126 24 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.32 1.00 1.77 330.0 10.0 281.4 2.0 0
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17 5 7 127 1 -2.9 0.072 -9.000 -9.000 -999. 46. 11.3 0.0270 0.32 1.00 1.13 66.0 10.0 282.0 2.0 0
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17 5 7 127 2 -11.3 0.139 -9.000 -9.000 -999. 125. 21.4 0.0270 0.32 1.00 2.25 69.0 10.0 282.5 2.0 0
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17 5 7 127 7 2.0 0.126 0.105 0.007 21. 107. -89.3 0.0270 0.32 0.29 1.77 78.0 10.0 284.2 2.0 0
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17 5 7 127 8 10.6 0.131 0.391 0.013 203. 114. -19.3 0.0300 0.32 0.20 1.65 102.0 10.0 284.9 2.0 0
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17 5 7 127 9 18.4 0.185 0.566 0.013 353. 191. -30.7 0.0300 0.32 0.17 2.40 98.0 10.0 287.0 2.0 0
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17 5 7 127 11 121.2 0.207 1.228 0.010 547. 226. -6.5 0.0370 0.32 0.16 2.22 150.0 10.0 289.9 2.0 0
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17 5 7 127 12 129.9 0.297 1.290 0.008 592. 389. -18.1 0.0230 0.32 0.16 3.90 199.0 10.0 290.9 2.0 0
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17 5 7 127 13 128.2 0.422 1.312 0.005 631. 658. -52.5 0.0340 0.32 0.16 5.53 217.0 10.0 288.8 2.0 0
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17 5 7 127 14 120.4 0.408 1.301 0.005 657. 627. -50.7 0.0340 0.32 0.16 5.34 211.0 10.0 287.5 2.0 0
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17 5 7 127 15 104.9 0.290 1.253 0.005 673. 384. -20.8 0.0230 0.32 0.16 3.85 209.0 10.0 288.8 2.0 0
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17 5 7 127 16 81.5 0.331 1.158 0.005 685. 457. -39.9 0.0230 0.32 0.17 4.59 206.0 10.0 287.3 2.0 9999
-9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
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17 5 7 127 18 18.0 0.266 0.703 0.005 694. 334. -93.6 0.0340 0.32 0.27 3.58 221.0 10.0 284.9 2.0 0
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17 5 7 127 19 -10.1 0.142 -9.000 -9.000 -999. 138. 25.5 0.0340 0.32 0.52 2.18 230.0 10.0 283.8 2.0 0
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17 5 8 128 2 -3.6 0.079 -9.000 -9.000 -999. 53. 12.1 0.0310 0.32 1.00 1.25 300.0 10.0 279.9 2.0 0
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17 5 8 128 3 -5.7 0.099 -9.000 -9.000 -999. 74. 15.1 0.0360 0.32 1.00 1.55 333.0 10.0 280.4 2.0 0
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17 5 8 128 6 -6.4 0.107 -9.000 -9.000 -999. 84. 17.1 0.0360 0.32 0.57 1.67 355.0 10.0 280.9 2.0 0
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17 5 8 128 7 1.9 0.113 0.136 0.016 47. 91. -68.1 0.0310 0.32 0.29 1.53 320.0 10.0 282.5 2.0 0
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17 5 8 128 9 18.4 0.149 0.502 0.022 246. 138. -16.1 0.0370 0.32 0.17 1.76 155.0 10.0 286.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
17 5 8 128 10 100.0 0.222 1.069 0.024 440. 250. -9.8 0.0370 0.32 0.16 2.49 179.0 10.0 287.5 2.0 0
0.00 77. 1010. 5 ADJ-A1 NoSubs
17 5 8 128 11 119.5 0.255 1.160 0.022 470. 308. -12.4 0.0230 0.32 0.16 3.23 183.0 10.0 288.8 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
17 5 8 128 12 128.0 0.277 1.209 0.020 496. 349. -14.9 0.0230 0.32 0.16 3.57 190.0 10.0 288.8 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
17 5 8 128 13 128.7 0.284 1.231 0.018 521. 362. -15.9 0.0230 0.32 0.16 3.68 200.0 10.0 289.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
17 5 8 128 14 121.0 0.312 1.222 0.016 543. 417. -22.5 0.0230 0.32 0.16 4.16 200.0 10.0 289.0 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
17 5 8 128 15 105.1 0.316 1.178 0.014 560. 426. -26.9 0.0230 0.32 0.16 4.27 196.0 10.0 288.1 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
17 5 8 128 16 81.8 0.284 1.093 0.013 573. 365. -25.3 0.0230 0.32 0.17 3.83 184.0 10.0 287.5 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
17 5 8 128 17 52.2 0.271 0.945 0.013 580. 339. -34.4 0.0230 0.32 0.19 3.73 192.0 10.0 285.9 2.0 0
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17 5 8 128 18 18.4 0.212 0.669 0.012 583. 235. -46.2 0.0230 0.32 0.27 2.96 199.0 10.0 284.9 2.0 0
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17 5 8 128 21 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0300 0.32 1.00 1.67 109.0 10.0 283.8 2.0 0
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0.00 100. 1005. 10 ADJ-A1 NoSubs
17 5 9 129 4 -8.3 0.120 -9.000 -9.000 -999. 100. 18.6 0.0370 0.32 1.00 1.86 152.0 10.0 282.0 2.0 0
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17 5 9 129 5 -6.8 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.32 1.00 1.76 89.0 10.0 282.0 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
17 5 9 129 6 -6.4 0.107 -9.000 -9.000 -999. 83. 17.0 0.0300 0.32 0.56 1.72 90.0 10.0 282.0 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
17 5 9 129 7 2.0 0.083 0.124 0.023 35. 57. -26.0 0.0310 0.32 0.29 1.06 321.0 10.0 282.0 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
17 5 9 129 8 10.6 0.095 0.310 0.026 100. 70. -7.2 0.0300 0.32 0.20 1.08 29.0 10.0 283.8 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
17 5 9 129 9 79.1 0.135 0.812 0.027 242. 119. -2.8 0.0340 0.32 0.17 1.31 139.0 10.0 287.5 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
17 5 9 129 10 103.5 0.170 0.979 0.026 326. 168. -4.3 0.0370 0.32 0.16 1.72 154.0 10.0 290.4 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
17 5 9 129 11 120.6 0.248 1.085 0.024 380. 297. -11.4 0.0370 0.32 0.16 2.83 169.0 10.0 292.5 2.0 0

0.00 70. 1006. 0 ADJ-A1 NoSubs
17 5 9 129 12 129.2 0.295 1.145 0.022 417. 384. -17.7 0.0230 0.32 0.16 3.86 189.0 10.0 293.1 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
17 5 9 129 13 129.8 0.315 1.177 0.020 451. 424. -21.6 0.0230 0.32 0.16 4.19 191.0 10.0 293.8 2.0 0
0.00 60. 1005. 0 ADJ-A1 NoSubs
17 5 9 129 14 121.7 0.315 1.176 0.018 479. 425. -23.1 0.0230 0.32 0.16 4.22 202.0 10.0 291.4 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
17 5 9 129 15 106.1 0.271 1.149 0.017 512. 340. -16.8 0.0230 0.32 0.16 3.54 203.0 10.0 292.0 2.0 0
0.00 62. 1005. 0 ADJ-A1 NoSubs
17 5 9 129 16 82.6 0.319 1.071 0.016 534. 433. -35.4 0.0370 0.32 0.17 4.02 178.0 10.0 289.9 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
17 5 9 129 17 52.8 0.289 0.927 0.015 541. 374. -41.1 0.0230 0.32 0.19 4.02 183.0 10.0 287.5 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
17 5 9 129 18 22.2 0.246 0.695 0.015 544. 294. -60.3 0.0230 0.32 0.27 3.49 181.0 10.0 285.4 2.0 0
0.00 92. 1007. 5 ADJ-A1 NoSubs
17 5 9 129 19 -13.8 0.170 -9.000 -9.000 -999. 170. 31.9 0.0230 0.32 0.51 2.76 202.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
17 5 9 129 20 -14.7 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.32 1.00 2.47 214.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
17 5 9 129 21 -12.9 0.150 -9.000 -9.000 -999. 140. 24.9 0.0340 0.32 1.00 2.32 220.0 10.0 284.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
17 5 9 129 22 -16.9 0.173 -9.000 -9.000 -999. 172. 32.8 0.0340 0.32 1.00 2.64 223.0 10.0 284.2 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 5 9 129 23 -11.3 0.141 -9.000 -9.000 -999. 127. 22.1 0.0340 0.32 1.00 2.18 226.0 10.0 284.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
17 5 9 129 24 -12.2 0.145 -9.000 -9.000 -999. 133. 23.1 0.0280 0.32 1.00 2.32 258.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 5 10 130 1 -11.6 0.141 -9.000 -9.000 -999. 127. 21.8 0.0250 0.32 1.00 2.30 297.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 5 10 130 2 -15.7 0.165 -9.000 -9.000 -999. 160. 29.8 0.0250 0.32 1.00 2.66 278.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 5 10 130 3 -13.2 0.150 -9.000 -9.000 -999. 140. 24.8 0.0250 0.32 1.00 2.44 276.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 5 10 130 4 -13.6 0.153 -9.000 -9.000 -999. 144. 25.8 0.0280 0.32 1.00 2.44 264.0 10.0 284.2 2.0 11
0.30 100. 1010. 10 ADJ-A1 NoSubs
17 5 10 130 5 -12.2 0.145 -9.000 -9.000 -999. 133. 23.1 0.0280 0.32 1.00 2.32 255.0 10.0 284.2 2.0 11
0.30 100. 1010. 10 ADJ-A1 NoSubs
17 5 10 130 6 -7.3 0.115 -9.000 -9.000 -999. 94. 18.9 0.0340 0.32 0.55 1.81 225.0 10.0 284.2 2.0 11
0.50 100. 1011. 10 ADJ-A1 NoSubs
17 5 10 130 7 2.4 0.111 0.292 0.012 378. 88. -51.6 0.0340 0.32 0.28 1.45 231.0 10.0 284.2 2.0 11
0.30 100. 1012. 10 ADJ-A1 NoSubs
17 5 10 130 8 11.0 0.166 0.513 0.022 443. 163. -37.9 0.0280 0.32 0.20 2.22 241.0 10.0 285.4 2.0 11
0.30 100. 1012. 10 ADJ-A1 NoSubs
17 5 10 130 9 18.6 0.243 0.651 0.029 535. 287. -69.6 0.0280 0.32 0.17 3.35 268.0 10.0 286.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
17 5 10 130 10 24.7 0.261 0.758 0.030 638. 320. -65.3 0.0280 0.32 0.16 3.59 259.0 10.0 287.0 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
17 5 10 130 11 28.6 0.298 0.830 0.031 722. 391. -83.7 0.0340 0.32 0.16 4.00 238.0 10.0 285.9 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 5 10 130 12 30.8 0.234 0.853 0.031 729. 273. -37.6 0.0280 0.32 0.16 3.12 250.0 10.0 286.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
17 5 10 130 13 31.2 0.215 0.860 0.031 736. 239. -28.6 0.0280 0.32 0.16 2.81 261.0 10.0 288.1 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
17 5 10 130 14 29.5 0.279 0.847 0.031 742. 353. -66.1 0.0280 0.32 0.16 3.83 250.0 10.0 289.2 2.0 0

0.00 77. 1013. 10 ADJ-A1 NoSubs
17 5 10 130 15 107.9 0.279 1.319 0.031 769. 354. -18.2 0.0340 0.32 0.16 3.39 230.0 10.0 289.9 2.0 0
0.00 72. 1013. 3 ADJ-A1 NoSubs
17 5 10 130 16 85.0 0.281 1.234 0.032 799. 357. -23.5 0.0340 0.32 0.17 3.49 228.0 10.0 289.2 2.0 0
0.00 71. 1013. 3 ADJ-A1 NoSubs
17 5 10 130 17 53.4 0.274 1.060 0.032 805. 345. -35.0 0.0340 0.32 0.19 3.51 238.0 10.0 288.8 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
17 5 10 130 18 22.8 0.236 0.799 0.031 807. 275. -51.8 0.0280 0.32 0.27 3.20 248.0 10.0 288.1 2.0 0
0.00 77. 1013. 3 ADJ-A1 NoSubs
17 5 10 130 19 -13.8 0.174 -9.000 -9.000 -999. 175. 34.5 0.0280 0.32 0.51 2.73 246.0 10.0 286.4 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
17 5 10 130 20 -12.5 0.148 -9.000 -9.000 -999. 136. 24.0 0.0340 0.32 1.00 2.28 234.0 10.0 286.4 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
17 5 10 130 21 -10.8 0.137 -9.000 -9.000 -999. 122. 21.5 0.0340 0.32 1.00 2.13 223.0 10.0 286.4 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
17 5 10 130 22 -10.8 0.137 -9.000 -9.000 -999. 122. 21.5 0.0340 0.32 1.00 2.13 238.0 10.0 285.9 2.0 0
0.00 89. 1015. 10 ADJ-A1 NoSubs
17 5 10 130 23 -13.2 0.150 -9.000 -9.000 -999. 139. 24.7 0.0230 0.32 1.00 2.47 206.0 10.0 285.9 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
17 5 10 130 24 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.32 1.00 1.62 201.0 10.0 285.9 2.0 0
0.00 89. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 1 -5.0 0.091 -9.000 -9.000 -999. 66. 13.6 0.0230 0.32 1.00 1.55 184.0 10.0 285.4 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 2 -5.2 0.095 -9.000 -9.000 -999. 70. 14.6 0.0370 0.32 1.00 1.48 166.0 10.0 285.4 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 3 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.32 1.00 1.74 205.0 10.0 285.4 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 4 -5.5 0.097 -9.000 -9.000 -999. 72. 14.9 0.0340 0.32 1.00 1.54 228.0 10.0 285.4 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 5 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0280 0.32 1.00 1.38 254.0 10.0 285.4 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 6 -3.1 0.075 -9.000 -9.000 -999. 50. 12.5 0.0340 0.32 0.55 1.18 239.0 10.0 285.4 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
17 5 11 131 7 2.7 0.106 0.241 0.005 186. 83. -39.9 0.0370 0.32 0.28 1.35 176.0 10.0 285.9 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
17 5 11 131 8 11.2 0.152 0.430 0.005 256. 143. -28.5 0.0370 0.32 0.20 1.89 173.0 10.0 286.4 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
17 5 11 131 9 18.9 0.158 0.563 0.005 342. 150. -18.9 0.0230 0.32 0.17 2.08 181.0 10.0 287.5 2.0 0
0.00 86. 1016. 10 ADJ-A1 NoSubs
17 5 11 131 10 25.0 0.151 0.668 0.005 432. 140. -12.3 0.0230 0.32 0.16 1.91 196.0 10.0 288.8 2.0 0
0.00 79. 1016. 10 ADJ-A1 NoSubs
17 5 11 131 11 29.5 0.225 0.750 0.006 518. 256. -35.1 0.0340 0.32 0.16 2.88 238.0 10.0 290.4 2.0 0
0.00 72. 1016. 10 ADJ-A1 NoSubs
17 5 11 131 12 104.8 0.289 1.293 0.011 747. 372. -20.8 0.0280 0.32 0.16 3.69 244.0 10.0 290.4 2.0 0
0.00 67. 1016. 7 ADJ-A1 NoSubs
17 5 11 131 13 31.8 0.362 0.891 0.012 805. 523. -135.5 0.0340 0.32 0.16 4.95 221.0 10.0 290.9 2.0 0
0.00 64. 1016. 10 ADJ-A1 NoSubs
17 5 11 131 14 122.1 0.424 1.471 0.025 945. 663. -56.6 0.0340 0.32 0.16 5.58 223.0 10.0 290.9 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
17 5 11 131 15 106.3 0.431 1.416 0.024 968. 680. -68.3 0.0340 0.32 0.16 5.73 229.0 10.0 290.4 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
17 5 11 131 16 83.1 0.398 1.312 0.024 985. 604. -68.7 0.0340 0.32 0.17 5.29 234.0 10.0 289.2 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
17 5 11 131 17 53.7 0.378 1.139 0.024 996. 559. -91.1 0.0340 0.32 0.19 5.09 235.0 10.0 288.1 2.0 0

0.00 77. 1014. 0 ADJ-A1 NoSubs
17 5 11 131 18 19.9 0.333 0.819 0.024 999. 463. -167.9 0.0340 0.32 0.27 4.58 211.0 10.0 286.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
17 5 11 131 19 -17.4 0.221 -9.000 -9.000 -999. 256. 56.3 0.0340 0.32 0.50 3.32 142.0 10.0 285.9 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
17 5 11 131 20 -18.5 0.186 -9.000 -9.000 -999. 194. 38.2 0.0270 0.32 1.00 2.95 73.0 10.0 285.9 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 21 -16.1 0.167 -9.000 -9.000 -999. 164. 30.7 0.0270 0.32 1.00 2.66 65.0 10.0 285.9 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 22 -10.4 0.133 -9.000 -9.000 -999. 117. 20.6 0.0270 0.32 1.00 2.16 75.0 10.0 285.9 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 23 -4.4 0.086 -9.000 -9.000 -999. 61. 13.3 0.0340 0.32 1.00 1.37 120.0 10.0 285.4 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
17 5 11 131 24 -6.0 0.102 -9.000 -9.000 -999. 78. 15.7 0.0370 0.32 1.00 1.59 167.0 10.0 285.4 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
17 5 12 132 1 -10.3 0.134 -9.000 -9.000 -999. 117. 20.9 0.0340 0.32 1.00 2.08 211.0 10.0 284.2 2.0 0
0.00 100. 1015. 3 ADJ-A1 NoSubs
17 5 12 132 2 -8.0 0.117 -9.000 -9.000 -999. 96. 18.0 0.0340 0.32 1.00 1.84 227.0 10.0 283.1 2.0 0
0.00 100. 1015. 7 ADJ-A1 NoSubs
17 5 12 132 3 -8.2 0.117 -9.000 -9.000 -999. 96. 17.7 0.0250 0.32 1.00 1.94 284.0 10.0 283.1 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 5 12 132 4 -10.4 0.133 -9.000 -9.000 -999. 117. 20.6 0.0310 0.32 1.00 2.11 301.0 10.0 282.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
17 5 12 132 5 -8.3 0.118 -9.000 -9.000 -999. 98. 18.1 0.0310 0.32 1.00 1.89 308.0 10.0 280.9 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
17 5 12 132 6 -5.5 0.101 -9.000 -9.000 -999. 77. 17.0 0.0310 0.32 0.54 1.62 323.0 10.0 281.4 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
17 5 12 132 7 16.3 0.104 0.646 0.005 599. 80. -6.2 0.0300 0.32 0.28 1.16 52.0 10.0 284.9 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
17 5 12 132 8 50.2 0.110 0.991 0.005 701. 88. -2.4 0.0300 0.32 0.20 1.08 24.0 10.0 286.4 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
17 5 12 132 9 82.6 0.175 1.299 0.005 962. 176. -5.9 0.0340 0.32 0.17 1.89 127.0 10.0 288.1 2.0 0
0.00 54. 1015. 3 ADJ-A1 NoSubs
17 5 12 132 10 85.1 0.331 1.391 0.005 1147. 457. -38.6 0.0370 0.32 0.16 4.19 166.0 10.0 287.5 2.0 0
0.00 69. 1015. 7 ADJ-A1 NoSubs
17 5 12 132 11 122.7 0.259 1.621 0.005 1257. 318. -12.8 0.0230 0.32 0.16 3.29 191.0 10.0 290.4 2.0 0
0.00 55. 1015. 3 ADJ-A1 NoSubs
17 5 12 132 12 105.2 0.308 1.575 0.005 1346. 411. -25.2 0.0230 0.32 0.16 4.15 202.0 10.0 291.4 2.0 0
0.00 47. 1014. 7 ADJ-A1 NoSubs
17 5 12 132 13 131.6 0.352 1.751 0.006 1478. 502. -30.0 0.0230 0.32 0.16 4.80 197.0 10.0 290.9 2.0 0
0.00 45. 1014. 3 ADJ-A1 NoSubs
17 5 12 132 14 124.8 0.307 1.781 0.013 1638. 410. -21.0 0.0250 0.32 0.16 4.02 290.0 10.0 293.8 2.0 0
0.00 28. 1013. 3 ADJ-A1 NoSubs
17 5 12 132 15 107.5 0.259 1.710 0.016 1682. 318. -14.7 0.0310 0.32 0.16 3.15 329.0 10.0 294.2 2.0 0
0.00 27. 1013. 0 ADJ-A1 NoSubs
17 5 12 132 16 86.5 0.274 1.599 0.015 1709. 344. -21.4 0.0310 0.32 0.17 3.44 302.0 10.0 293.1 2.0 0
0.00 38. 1013. 3 ADJ-A1 NoSubs
17 5 12 132 17 54.4 0.437 1.374 0.015 1722. 694. -138.8 0.0280 0.32 0.19 6.19 257.0 10.0 290.4 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
17 5 12 132 18 20.7 0.419 0.996 0.015 1726. 650. -319.9 0.0280 0.32 0.27 6.04 266.0 10.0 288.8 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
17 5 12 132 19 -23.7 0.348 -9.000 -9.000 -999. 496. 160.8 0.0280 0.32 0.50 5.29 266.0 10.0 286.4 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
17 5 12 132 20 -30.5 0.306 -9.000 -9.000 -999. 407. 103.0 0.0280 0.32 1.00 4.71 266.0 10.0 284.9 2.0 0

0.00 68. 1014. 0 ADJ-A1 NoSubs
17 5 12 132 21 -23.6 0.235 -9.000 -9.000 -999. 276. 60.9 0.0280 0.32 1.00 3.66 246.0 10.0 282.5 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
17 5 12 132 22 -17.4 0.174 -9.000 -9.000 -999. 175. 33.3 0.0280 0.32 1.00 2.75 268.0 10.0 283.8 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
17 5 12 132 23 -5.2 0.094 -9.000 -9.000 -999. 71. 14.1 0.0300 0.32 1.00 1.52 3.0 10.0 282.0 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
17 5 12 132 24 -5.5 0.096 -9.000 -9.000 -999. 71. 14.5 0.0310 0.32 1.00 1.55 322.0 10.0 280.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
17 5 13 133 1 -7.6 0.113 -9.000 -9.000 -999. 91. 17.1 0.0310 0.32 1.00 1.81 313.0 10.0 279.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 5 13 133 2 -7.1 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.32 1.00 1.76 312.0 10.0 279.2 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 5 13 133 3 -9.7 0.128 -9.000 -9.000 -999. 110. 19.7 0.0310 0.32 1.00 2.04 317.0 10.0 278.8 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
17 5 13 133 4 -10.7 0.135 -9.000 -9.000 -999. 118. 20.7 0.0310 0.32 1.00 2.13 312.0 10.0 278.1 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
17 5 13 133 5 -9.9 0.130 -9.000 -9.000 -999. 112. 19.9 0.0310 0.32 1.00 2.06 308.0 10.0 278.1 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 5 13 133 6 -6.0 0.106 -9.000 -9.000 -999. 83. 17.9 0.0310 0.32 0.54 1.70 319.0 10.0 278.8 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
17 5 13 133 7 16.4 0.116 0.725 0.007 839. 94. -8.5 0.0310 0.32 0.28 1.33 325.0 10.0 282.0 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
17 5 13 133 8 50.4 0.121 1.057 0.006 847. 100. -3.1 0.0300 0.32 0.20 1.23 92.0 10.0 284.9 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
17 5 13 133 9 80.4 0.153 1.241 0.005 859. 144. -4.0 0.0340 0.32 0.17 1.57 134.0 10.0 287.0 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
17 5 13 133 10 104.4 0.221 1.362 0.005 875. 249. -9.3 0.0370 0.32 0.16 2.47 153.0 10.0 288.8 2.0 0
0.00 56. 1013. 0 ADJ-A1 NoSubs
17 5 13 133 11 121.1 0.336 1.440 0.005 893. 467. -28.3 0.0230 0.32 0.16 4.56 198.0 10.0 289.9 2.0 0
0.00 55. 1013. 0 ADJ-A1 NoSubs
17 5 13 133 12 129.6 0.369 1.503 0.005 946. 537. -34.9 0.0230 0.32 0.16 5.07 209.0 10.0 290.4 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
17 5 13 133 13 130.0 0.429 1.572 0.005 1080. 673. -54.7 0.0340 0.32 0.16 5.63 225.0 10.0 290.4 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
17 5 13 133 14 122.7 0.391 1.651 0.005 1326. 588. -43.9 0.0340 0.32 0.16 5.07 219.0 10.0 290.9 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
17 5 13 133 15 107.1 0.305 1.625 0.005 1447. 409. -24.0 0.0340 0.32 0.16 3.80 223.0 10.0 291.4 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
17 5 13 133 16 84.1 0.277 1.512 0.005 1485. 351. -22.9 0.0230 0.32 0.17 3.71 200.0 10.0 290.9 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
17 5 13 133 17 55.0 0.204 1.326 0.005 1525. 223. -13.8 0.0230 0.32 0.19 2.61 180.0 10.0 291.4 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
17 5 13 133 18 24.5 0.303 1.015 0.005 1540. 401. -102.7 0.0280 0.32 0.26 4.25 259.0 10.0 290.4 2.0 0
0.00 49. 1009. 3 ADJ-A1 NoSubs
17 5 13 133 19 -12.0 0.183 -9.000 -9.000 -999. 196. 45.7 0.0280 0.32 0.49 2.85 257.0 10.0 287.0 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
17 5 13 133 20 -13.7 0.154 -9.000 -9.000 -999. 145. 26.0 0.0280 0.32 1.00 2.45 267.0 10.0 285.4 2.0 0
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17 5 13 133 21 -17.9 0.180 -9.000 -9.000 -999. 184. 35.8 0.0300 0.32 1.00 2.81 91.0 10.0 284.2 2.0 0
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17 5 13 133 22 -11.7 0.142 -9.000 -9.000 -999. 129. 22.2 0.0300 0.32 1.00 2.25 98.0 10.0 283.1 2.0 0
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17 5 13 133 23 -6.5 0.104 -9.000 -9.000 -999. 81. 15.8 0.0300 0.32 1.00 1.69 4.0 10.0 282.0 2.0 0

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17 5 13 133 24 -5.8 0.098 -9.000 -9.000 -999. 74. 14.9 0.0310 0.32 1.00 1.59 300.0 10.0 281.4 2.0 0
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17 5 14 134 1 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0310 0.32 1.00 1.81 315.0 10.0 280.4 2.0 0
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17 5 14 134 3 -9.1 0.124 -9.000 -9.000 -999. 105. 19.0 0.0310 0.32 1.00 1.98 308.0 10.0 279.9 2.0 0
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17 5 14 134 5 -3.3 0.076 -9.000 -9.000 -999. 51. 12.1 0.0360 0.32 1.00 1.16 341.0 10.0 280.9 2.0 0
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17 5 14 134 6 -4.0 0.086 -9.000 -9.000 -999. 60. 14.1 0.0360 0.32 0.53 1.35 359.0 10.0 281.4 2.0 0
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17 5 14 134 7 2.6 0.063 0.184 0.005 86. 38. -8.9 0.0300 0.32 0.28 0.74 54.0 10.0 282.5 2.0 0
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17 5 14 134 8 11.1 0.091 0.385 0.005 184. 66. -6.1 0.0340 0.32 0.20 0.99 143.0 10.0 283.8 2.0 0
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17 5 14 134 9 18.7 0.127 0.542 0.005 306. 109. -9.9 0.0370 0.32 0.17 1.43 176.0 10.0 284.9 2.0 0
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17 5 14 134 11 29.1 0.270 0.676 0.005 382. 337. -61.0 0.0340 0.32 0.16 3.57 220.0 10.0 287.0 2.0 0
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17 5 14 134 12 125.0 0.338 1.339 0.011 692. 471. -27.8 0.0230 0.32 0.16 4.58 191.0 10.0 288.8 2.0 0
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17 5 14 134 13 130.0 0.416 1.408 0.009 774. 643. -49.7 0.0340 0.32 0.16 5.43 213.0 10.0 288.8 2.0 0
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17 5 14 134 14 122.6 0.439 1.463 0.008 920. 697. -61.9 0.0340 0.32 0.16 5.80 225.0 10.0 289.2 2.0 0
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17 5 14 134 15 106.9 0.412 1.407 0.007 939. 635. -58.8 0.0340 0.32 0.16 5.43 230.0 10.0 288.8 2.0 0
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17 5 14 134 16 83.8 0.370 1.305 0.007 953. 541. -54.1 0.0340 0.32 0.17 4.85 229.0 10.0 288.1 2.0 0
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17 5 14 134 19 -15.2 0.233 -9.000 -9.000 -999. 271. 75.0 0.0300 0.32 0.49 3.56 90.0 10.0 284.9 2.0 0
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17 5 14 134 24 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0310 0.32 1.00 1.72 303.0 10.0 281.4 2.0 0
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17 5 15 135 1 -6.1 0.101 -9.000 -9.000 -999. 77. 15.1 0.0250 0.32 1.00 1.69 287.0 10.0 282.0 2.0 0
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17 5 15 135 2 -3.0 0.072 -9.000 -9.000 -999. 47. 11.4 0.0280 0.32 1.00 1.13 241.0 10.0 282.5 2.0 0

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17 5 15 135 5 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.32 1.00 1.28 190.0 10.0 282.5 2.0 0
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17 5 15 135 7 2.8 0.094 0.314 0.013 402. 70. -27.4 0.0310 0.32 0.28 1.21 307.0 10.0 283.1 2.0 0
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17 5 15 135 10 24.7 0.276 0.697 0.013 492. 348. -76.4 0.0370 0.32 0.16 3.63 169.0 10.0 285.4 2.0 0
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17 5 15 135 13 31.3 0.265 0.773 0.012 530. 327. -53.2 0.0230 0.32 0.16 3.73 184.0 10.0 287.0 2.0 0
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17 5 15 135 14 29.5 0.267 0.761 0.012 535. 331. -58.0 0.0230 0.32 0.16 3.78 199.0 10.0 287.5 2.0 0
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17 5 15 135 15 107.0 0.351 1.182 0.010 555. 500. -36.4 0.0370 0.32 0.16 4.43 179.0 10.0 288.1 2.0 0
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17 5 15 135 17 55.3 0.287 0.962 0.009 579. 368. -38.2 0.0270 0.32 0.19 3.85 84.0 10.0 289.2 2.0 0
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17 5 15 135 18 21.8 0.309 0.707 0.008 582. 413. -122.1 0.0270 0.32 0.26 4.39 75.0 10.0 288.1 2.0 0
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17 5 15 135 19 -17.8 0.282 -9.000 -9.000 -999. 360. 113.9 0.0300 0.32 0.48 4.27 57.0 10.0 285.9 2.0 0
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17 5 15 135 21 -6.1 0.102 -9.000 -9.000 -999. 79. 15.7 0.0360 0.32 1.00 1.60 354.0 10.0 283.8 2.0 0
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17 5 16 136 7 3.1 0.082 0.252 0.005 186. 56. -15.9 0.0230 0.32 0.27 1.06 209.0 10.0 284.9 2.0 0
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17 5 16 136 12 31.6 0.338 0.867 0.019 745. 472. -110.9 0.0340 0.32 0.16 4.59 213.0 10.0 288.8 2.0 0
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17 5 16 136 13 31.4 0.368 0.868 0.018 754. 536. -144.0 0.0280 0.32 0.16 5.22 240.0 10.0 287.0 2.0 0
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17 5 16 136 14 29.4 0.353 0.853 0.018 763. 503. -135.1 0.0340 0.32 0.16 4.82 234.0 10.0 286.4 2.0 0
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17 5 16 136 21 -23.7 0.237 -9.000 -9.000 -999. 278. 62.0 0.0340 0.32 1.00 3.57 237.0 10.0 284.2 2.0 0
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17 5 17 137 1 -20.4 0.205 -9.000 -9.000 -999. 222. 46.1 0.0340 0.32 1.00 3.10 228.0 10.0 284.2 2.0 0
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17 5 17 137 6 -3.2 0.079 -9.000 -9.000 -999. 54. 14.1 0.0360 0.32 0.51 1.25 339.0 10.0 283.1 2.0 0
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17 5 17 137 7 18.4 0.106 0.642 0.008 518. 83. -5.8 0.0270 0.32 0.27 1.20 88.0 10.0 285.4 2.0 0
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17 5 17 137 12 130.5 0.328 1.517 0.010 968. 451. -24.5 0.0340 0.32 0.16 4.09 210.0 10.0 290.4 2.0 0
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0.00 89. 1011. 0 ADJ-A1 NoSubs
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17 5 18 138 9 82.1 0.138 0.944 0.018 370. 123. -2.9 0.0340 0.32 0.17 1.35 120.0 10.0 288.1 2.0 0
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17 5 18 138 13 132.0 0.271 1.260 0.010 545. 338. -13.5 0.0230 0.32 0.16 3.46 188.0 10.0 294.2 2.0 0
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17 5 21 141 12 131.7 0.345 1.112 0.011 375. 486. -28.0 0.0370 0.32 0.16 4.27 170.0 10.0 292.5 2.0 0
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17 5 21 141 15 108.9 0.330 1.197 0.008 567. 455. -29.6 0.0230 0.32 0.16 4.49 188.0 10.0 290.4 2.0 0
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17 5 22 142 10 106.7 0.170 0.911 0.034 255. 168. -4.1 0.0370 0.32 0.16 1.71 158.0 10.0 289.9 2.0 0
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17 5 22 142 12 131.8 0.315 1.068 0.020 333. 424. -21.4 0.0230 0.32 0.16 4.19 182.0 10.0 292.0 2.0 0
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17 5 22 142 22 -4.4 0.086 -9.000 -9.000 -999. 61. 13.3 0.0340 0.32 1.00 1.37 234.0 10.0 284.9 2.0 0
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17 5 22 142 23 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0340 0.32 1.00 1.38 217.0 10.0 284.9 2.0 0

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17 5 23 143 1 -8.6 0.120 -9.000 -9.000 -999. 100. 18.1 0.0230 0.32 1.00 2.01 202.0 10.0 284.2 2.0 0
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17 5 23 143 3 -10.0 0.130 -9.000 -9.000 -999. 112. 19.6 0.0230 0.32 1.00 2.16 200.0 10.0 284.2 2.0 0
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17 5 23 143 4 -4.3 0.084 -9.000 -9.000 -999. 59. 12.6 0.0230 0.32 1.00 1.43 185.0 10.0 284.2 2.0 0
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17 5 23 143 5 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0340 0.32 1.00 1.25 135.0 10.0 284.2 2.0 0
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17 5 23 143 6 -3.1 0.076 -9.000 -9.000 -999. 51. 13.1 0.0270 0.32 0.49 1.26 87.0 10.0 284.5 2.0 0
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17 5 23 143 7 3.6 0.102 0.240 0.036 137. 78. -26.2 0.0340 0.32 0.27 1.28 138.0 10.0 284.9 2.0 0
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17 5 23 143 8 11.9 0.110 0.410 0.038 207. 88. -10.1 0.0230 0.32 0.19 1.37 184.0 10.0 284.9 2.0 0
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17 5 23 143 9 19.5 0.109 0.538 0.039 287. 87. -6.0 0.0370 0.32 0.17 1.16 160.0 10.0 286.4 2.0 0
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17 5 23 143 10 107.3 0.172 0.990 0.036 325. 171. -4.2 0.0340 0.32 0.16 1.77 145.0 10.0 289.1 2.0 0
0.00 82. 1009. 4 ADJ-A1 NoSubs
17 5 23 143 11 123.6 0.278 1.075 0.033 362. 351. -15.6 0.0370 0.32 0.16 3.27 174.0 10.0 292.0 2.0 0
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0.00 80. 1010. 0 ADJ-A1 NoSubs
17 5 23 143 13 106.9 0.396 1.054 0.007 395. 599. -52.4 0.0340 0.32 0.16 5.19 231.0 10.0 289.2 2.0 0
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17 5 23 143 15 26.1 0.363 0.668 0.012 411. 525. -165.0 0.0340 0.32 0.16 4.99 222.0 10.0 287.5 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
17 5 23 143 16 71.4 0.320 0.942 0.023 421. 435. -41.1 0.0340 0.32 0.17 4.13 232.0 10.0 287.5 2.0 0
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17 5 23 143 17 60.2 0.255 0.897 0.023 431. 311. -24.7 0.0340 0.32 0.19 3.18 226.0 10.0 287.5 2.0 0
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17 5 23 143 18 24.6 0.263 0.667 0.023 434. 323. -66.2 0.0230 0.32 0.25 3.74 209.0 10.0 286.4 2.0 0
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17 5 23 143 21 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0280 0.32 1.00 1.60 242.0 10.0 285.4 2.0 0
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17 5 23 143 22 -2.8 0.071 -9.000 -9.000 -999. 45. 11.5 0.0300 0.32 1.00 1.09 26.0 10.0 285.4 2.0 0
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17 5 23 143 23 -3.7 0.079 -9.000 -9.000 -999. 53. 12.1 0.0280 0.32 1.00 1.28 241.0 10.0 285.4 2.0 0
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17 5 24 144 1 -6.9 0.108 -9.000 -9.000 -999. 85. 16.4 0.0280 0.32 1.00 1.77 240.0 10.0 284.2 2.0 0
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17 5 24 144 2 -8.1 0.118 -9.000 -9.000 -999. 98. 18.3 0.0340 0.32 1.00 1.86 221.0 10.0 284.2 2.0 0

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17 5 24 144 4 -8.8 0.123 -9.000 -9.000 -999. 104. 19.1 0.0340 0.32 1.00 1.93 224.0 10.0 284.2 2.0 0
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17 5 24 144 6 -5.9 0.108 -9.000 -9.000 -999. 85. 19.1 0.0340 0.32 0.49 1.69 234.0 10.0 284.2 2.0 0
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17 5 24 144 7 3.6 0.134 0.264 0.016 182. 118. -59.6 0.0340 0.32 0.26 1.77 225.0 10.0 284.2 2.0 0
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17 5 24 144 9 19.4 0.113 0.539 0.030 290. 92. -6.7 0.0250 0.32 0.17 1.33 284.0 10.0 285.4 2.0 0
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17 5 24 144 10 25.3 0.201 0.630 0.036 354. 217. -29.0 0.0230 0.32 0.16 2.74 202.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
17 5 24 144 11 29.5 0.271 0.700 0.038 417. 339. -60.9 0.0230 0.32 0.16 3.85 207.0 10.0 286.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
17 5 24 144 12 106.6 0.218 1.174 0.038 544. 245. -8.7 0.0340 0.32 0.16 2.46 237.0 10.0 289.2 2.0 0
0.00 74. 1006. 7 ADJ-A1 NoSubs
17 5 24 144 13 127.3 0.352 1.267 0.037 573. 501. -30.7 0.0340 0.32 0.16 4.46 221.0 10.0 289.2 2.0 0
0.00 74. 1006. 5 ADJ-A1 NoSubs
17 5 24 144 14 124.7 0.406 1.277 0.035 599. 620. -48.1 0.0340 0.32 0.16 5.29 226.0 10.0 289.2 2.0 0
0.00 71. 1005. 0 ADJ-A1 NoSubs
17 5 24 144 15 109.4 0.336 1.236 0.035 619. 470. -31.0 0.0280 0.32 0.16 4.42 244.0 10.0 289.2 2.0 0
0.00 71. 1005. 0 ADJ-A1 NoSubs
17 5 24 144 16 86.4 0.349 1.152 0.034 634. 495. -44.1 0.0340 0.32 0.17 4.53 227.0 10.0 286.4 2.0 0
0.00 86. 1004. 0 ADJ-A1 NoSubs
17 5 24 144 17 58.1 0.373 1.015 0.033 645. 546. -79.8 0.0340 0.32 0.19 4.99 219.0 10.0 288.1 2.0 0
0.00 77. 1004. 0 ADJ-A1 NoSubs
17 5 24 144 18 28.0 0.340 0.798 0.033 649. 476. -125.3 0.0340 0.32 0.25 4.63 219.0 10.0 287.0 2.0 0
0.00 83. 1003. 3 ADJ-A1 NoSubs
17 5 24 144 19 -4.0 0.290 -9.000 -9.000 -999. 376. 549.0 0.0340 0.32 0.44 4.17 225.0 10.0 285.9 2.0 0
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17 5 24 144 20 -20.3 0.206 -9.000 -9.000 -999. 228. 46.8 0.0340 0.32 1.00 3.12 225.0 10.0 285.4 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
17 5 24 144 21 -18.1 0.185 -9.000 -9.000 -999. 190. 37.5 0.0340 0.32 1.00 2.81 225.0 10.0 285.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
17 5 24 144 22 -21.9 0.222 -9.000 -9.000 -999. 251. 54.3 0.0340 0.32 1.00 3.35 228.0 10.0 285.4 2.0 0
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17 5 24 144 23 -22.3 0.226 -9.000 -9.000 -999. 258. 56.3 0.0340 0.32 1.00 3.41 227.0 10.0 285.4 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
17 5 24 144 24 -22.0 0.224 -9.000 -9.000 -999. 254. 55.0 0.0340 0.32 1.00 3.37 217.0 10.0 285.4 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
17 5 25 145 1 -18.5 0.188 -9.000 -9.000 -999. 196. 38.9 0.0340 0.32 1.00 2.86 223.0 10.0 285.9 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
17 5 25 145 2 -20.3 0.207 -9.000 -9.000 -999. 226. 47.1 0.0340 0.32 1.00 3.13 212.0 10.0 285.4 2.0 0
0.00 96. 1003. 10 ADJ-A1 NoSubs
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17 5 25 145 4 -24.6 0.251 -9.000 -9.000 -999. 301. 69.1 0.0340 0.32 1.00 3.76 214.0 10.0 285.4 2.0 0
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17 5 25 145 5 -20.8 0.212 -9.000 -9.000 -999. 234. 49.3 0.0340 0.32 1.00 3.20 227.0 10.0 285.4 2.0 0

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17 5 25 145 7 3.8 0.187 0.363 0.006 445. 194. -151.4 0.0340 0.32 0.26 2.56 218.0 10.0 285.4 2.0 0
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17 5 25 145 8 12.2 0.294 0.618 0.030 690. 382. -185.6 0.0340 0.32 0.19 4.05 232.0 10.0 285.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
17 5 25 145 9 19.6 0.316 0.734 0.030 721. 426. -143.8 0.0340 0.32 0.17 4.32 235.0 10.0 286.4 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
17 5 25 145 10 25.6 0.305 0.811 0.030 747. 404. -99.2 0.0340 0.32 0.16 4.12 226.0 10.0 287.5 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
17 5 25 145 11 29.7 0.288 0.863 0.030 776. 370. -71.8 0.0340 0.32 0.16 3.83 232.0 10.0 287.5 2.0 0
0.00 83. 1005. 10 ADJ-A1 NoSubs
17 5 25 145 12 31.9 0.377 0.895 0.031 806. 554. -150.2 0.0340 0.32 0.16 5.16 230.0 10.0 288.1 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
17 5 25 145 13 32.1 0.369 0.903 0.031 823. 537. -139.9 0.0340 0.32 0.16 5.04 231.0 10.0 288.8 2.0 0
0.00 79. 1005. 10 ADJ-A1 NoSubs
17 5 25 145 14 30.2 0.374 0.888 0.031 832. 549. -155.3 0.0280 0.32 0.16 5.31 240.0 10.0 288.1 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
17 5 25 145 15 26.4 0.382 0.853 0.031 840. 567. -189.4 0.0280 0.32 0.16 5.46 248.0 10.0 288.8 2.0 0
0.00 77. 1005. 10 ADJ-A1 NoSubs
17 5 25 145 16 20.6 0.330 0.787 0.031 845. 456. -155.5 0.0280 0.32 0.17 4.68 252.0 10.0 287.5 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
17 5 25 145 17 13.5 0.269 0.684 0.031 849. 337. -129.3 0.0280 0.32 0.19 3.80 251.0 10.0 287.5 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
17 5 25 145 18 5.1 0.230 0.495 0.031 850. 265. -213.0 0.0280 0.32 0.25 3.29 252.0 10.0 286.4 2.0 0
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17 5 25 145 19 -9.2 0.156 -9.000 -9.000 -999. 149. 36.7 0.0280 0.32 0.44 2.44 267.0 10.0 286.4 2.0 0
0.00 83. 1005. 10 ADJ-A1 NoSubs
17 5 25 145 20 -15.9 0.167 -9.000 -9.000 -999. 163. 30.6 0.0280 0.32 1.00 2.64 262.0 10.0 285.9 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
17 5 25 145 21 -15.6 0.165 -9.000 -9.000 -999. 161. 30.1 0.0280 0.32 1.00 2.62 252.0 10.0 285.9 2.0 0
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17 5 25 145 22 -15.5 0.165 -9.000 -9.000 -999. 160. 29.8 0.0280 0.32 1.00 2.61 255.0 10.0 285.9 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
17 5 25 145 23 -12.9 0.150 -9.000 -9.000 -999. 139. 24.7 0.0280 0.32 1.00 2.39 246.0 10.0 285.9 2.0 0
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17 5 25 145 24 -11.1 0.138 -9.000 -9.000 -999. 122. 21.1 0.0250 0.32 1.00 2.25 274.0 10.0 285.4 2.0 0
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17 5 26 146 1 -5.3 0.095 -9.000 -9.000 -999. 70. 14.4 0.0310 0.32 1.00 1.53 320.0 10.0 285.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
17 5 26 146 2 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.32 1.00 1.21 301.0 10.0 285.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
17 5 26 146 3 -3.3 0.076 -9.000 -9.000 -999. 51. 12.1 0.0340 0.32 1.00 1.18 232.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 5 26 146 4 -2.0 0.063 -9.000 -9.000 -999. 38. 11.5 0.0280 0.32 1.00 0.86 259.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 5 26 146 5 -1.8 0.062 -9.000 -9.000 -999. 37. 11.7 0.0280 0.32 1.00 0.82 256.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 5 26 146 6 -2.5 0.071 -9.000 -9.000 -999. 45. 12.7 0.0340 0.32 0.48 1.11 239.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 5 26 146 7 3.8 0.120 0.335 0.005 352. 100. -40.5 0.0340 0.32 0.26 1.55 215.0 10.0 284.9 2.0 11
0.30 100. 1009. 10 ADJ-A1 NoSubs
17 5 26 146 8 12.2 0.156 0.516 0.005 406. 147. -27.9 0.0340 0.32 0.19 1.96 229.0 10.0 285.4 2.0 0

0.00 100. 1009. 10 ADJ-A1 NoSubs
17 5 26 146 9 19.6 0.207 0.639 0.005 480. 226. -40.6 0.0340 0.32 0.17 2.67 233.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 5 26 146 10 25.5 0.260 0.735 0.005 562. 318. -62.2 0.0340 0.32 0.16 3.44 225.0 10.0 286.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
17 5 26 146 11 29.9 0.309 0.813 0.005 648. 411. -88.5 0.0340 0.32 0.16 4.15 223.0 10.0 288.8 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
17 5 26 146 12 32.2 0.349 0.866 0.008 728. 495. -119.2 0.0340 0.32 0.16 4.75 224.0 10.0 289.9 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
17 5 26 146 13 107.5 0.401 1.391 0.017 905. 609. -54.0 0.0340 0.32 0.16 5.26 219.0 10.0 290.4 2.0 0
0.00 67. 1011. 7 ADJ-A1 NoSubs
17 5 26 146 14 126.9 0.401 1.557 0.022 1074. 609. -45.7 0.0340 0.32 0.16 5.21 221.0 10.0 289.9 2.0 0
0.00 69. 1011. 3 ADJ-A1 NoSubs
17 5 26 146 15 110.0 0.385 1.504 0.022 1117. 575. -46.9 0.0340 0.32 0.16 5.02 234.0 10.0 290.4 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
17 5 26 146 16 87.4 0.350 1.400 0.022 1132. 498. -44.1 0.0340 0.32 0.17 4.54 236.0 10.0 289.2 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
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0.00 64. 1010. 0 ADJ-A1 NoSubs
17 5 26 146 18 25.9 0.325 0.938 0.022 1149. 445. -119.3 0.0340 0.32 0.25 4.42 232.0 10.0 288.1 2.0 0
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17 5 26 146 20 -13.6 0.155 -9.000 -9.000 -999. 148. 26.3 0.0340 0.32 1.00 2.38 220.0 10.0 284.9 2.0 0
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17 5 26 146 21 -5.4 0.096 -9.000 -9.000 -999. 72. 14.7 0.0340 0.32 1.00 1.52 232.0 10.0 284.9 2.0 0
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17 5 26 146 22 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.32 1.00 0.96 338.0 10.0 284.2 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
17 5 26 146 23 -6.2 0.102 -9.000 -9.000 -999. 79. 15.6 0.0310 0.32 1.00 1.65 326.0 10.0 283.8 2.0 0
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0.00 96. 1012. 0 ADJ-A1 NoSubs
17 5 27 147 1 -4.5 0.087 -9.000 -9.000 -999. 61. 13.2 0.0310 0.32 1.00 1.40 324.0 10.0 282.0 2.0 0
0.00 100. 1012. 5 ADJ-A1 NoSubs
17 5 27 147 2 -4.5 0.087 -9.000 -9.000 -999. 61. 13.2 0.0310 0.32 1.00 1.40 329.0 10.0 283.1 2.0 0
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17 5 27 147 3 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0310 0.32 1.00 1.25 326.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 5 27 147 4 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0310 0.32 1.00 1.06 311.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
17 5 27 147 5 -3.7 0.079 -9.000 -9.000 -999. 54. 12.3 0.0310 0.32 1.00 1.26 322.0 10.0 284.2 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
17 5 27 147 6 -4.1 0.090 -9.000 -9.000 -999. 65. 15.9 0.0310 0.32 0.48 1.45 315.0 10.0 284.2 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
17 5 27 147 7 4.0 0.096 0.431 0.020 732. 72. -20.5 0.0310 0.32 0.26 1.21 316.0 10.0 285.4 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
17 5 27 147 8 46.8 0.156 0.987 0.019 743. 148. -7.4 0.0270 0.32 0.19 1.82 60.0 10.0 287.0 2.0 0
0.00 83. 1014. 7 ADJ-A1 NoSubs
17 5 27 147 9 19.9 0.150 0.744 0.019 748. 140. -15.5 0.0270 0.32 0.17 1.89 70.0 10.0 287.5 2.0 0
0.00 77. 1014. 10 ADJ-A1 NoSubs
17 5 27 147 10 107.5 0.243 1.320 0.018 775. 288. -12.1 0.0340 0.32 0.16 2.84 214.0 10.0 289.9 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
17 5 27 147 11 124.0 0.321 1.399 0.017 799. 437. -24.2 0.0340 0.32 0.16 4.00 211.0 10.0 290.9 2.0 0

0.00 64. 1014. 0 ADJ-A1 NoSubs
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17 5 27 147 19 -6.6 0.164 -9.000 -9.000 -999. 166. 60.4 0.0370 0.32 0.43 2.42 159.0 10.0 286.4 2.0 0
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17 5 27 147 20 -17.3 0.174 -9.000 -9.000 -999. 175. 33.4 0.0300 0.32 1.00 2.72 97.0 10.0 285.9 2.0 0
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17 5 27 147 21 -17.7 0.178 -9.000 -9.000 -999. 181. 35.0 0.0270 0.32 1.00 2.83 73.0 10.0 285.4 2.0 0
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17 5 28 148 11 124.0 0.265 1.285 0.026 619. 327. -13.6 0.0230 0.32 0.16 3.39 209.0 10.0 290.4 2.0 0
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17 5 28 148 12 132.5 0.312 1.334 0.025 648. 418. -20.7 0.0230 0.32 0.16 4.14 189.0 10.0 291.4 2.0 0
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17 5 28 148 13 133.2 0.284 1.359 0.024 681. 364. -15.6 0.0230 0.32 0.16 3.68 190.0 10.0 292.0 2.0 0
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17 5 28 148 18 26.9 0.312 0.838 0.023 787. 418. -101.7 0.0340 0.32 0.25 4.22 123.0 10.0 289.9 2.0 0
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17 5 29 149 13 132.9 0.292 1.307 0.026 606. 378. -16.8 0.0230 0.32 0.16 3.81 194.0 10.0 290.4 2.0 0
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17 5 30 150 8 12.3 0.147 0.464 0.012 292. 135. -23.0 0.0340 0.32 0.19 1.82 136.0 10.0 285.4 2.0 0
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17 5 30 150 9 19.8 0.141 0.580 0.014 355. 127. -12.8 0.0370 0.32 0.17 1.63 160.0 10.0 286.4 2.0 0
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17 5 30 150 10 25.9 0.259 0.673 0.016 425. 316. -60.2 0.0370 0.32 0.16 3.36 171.0 10.0 288.1 2.0 0
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17 5 30 150 11 100.9 0.239 1.190 0.028 601. 280. -12.2 0.0304 0.32 0.16 2.86 999.0 10.0 289.9 2.0 0
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17 5 30 150 12 132.4 0.318 1.315 0.028 619. 430. -21.8 0.0370 0.32 0.16 3.86 176.0 10.0 289.9 2.0 0
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17 5 30 150 13 133.2 0.281 1.330 0.027 637. 359. -15.1 0.0340 0.32 0.16 3.36 216.0 10.0 290.9 2.0 0
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17 5 30 150 14 126.0 0.251 1.317 0.027 653. 302. -11.3 0.0370 0.32 0.16 2.86 165.0 10.0 290.4 2.0 0
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17 5 30 150 15 110.9 0.278 1.284 0.027 687. 351. -17.4 0.0340 0.32 0.16 3.36 126.0 10.0 290.9 2.0 0
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17 5 30 150 16 88.7 0.396 1.215 0.028 727. 598. -62.9 0.0300 0.32 0.17 5.36 107.0 10.0 290.9 2.0 0
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17 5 30 150 17 60.4 0.232 1.081 0.028 753. 288. -18.5 0.0300 0.32 0.19 2.89 101.0 10.0 290.9 2.0 0
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17 5 31 151 7 22.2 0.105 0.564 0.016 291. 82. -4.7 0.0360 0.32 0.26 1.09 352.0 10.0 286.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
17 5 31 151 8 55.3 0.112 0.843 0.017 390. 90. -2.3 0.0280 0.32 0.19 1.11 240.0 10.0 287.5 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
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0.00 77. 1009. 3 ADJ-A1 NoSubs
17 5 31 151 10 108.2 0.249 1.089 0.013 430. 299. -12.9 0.0370 0.32 0.16 2.88 175.0 10.0 290.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
17 5 31 151 11 124.5 0.318 1.165 0.011 457. 430. -23.2 0.0370 0.32 0.16 3.88 159.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 Sub_CC
17 5 31 151 12 133.1 0.301 1.287 0.010 577. 396. -18.4 0.0230 0.32 0.16 3.95 208.0 10.0 292.5 2.0 0
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17 5 31 151 13 133.4 0.337 1.357 0.009 674. 468. -25.7 0.0370 0.32 0.16 4.14 175.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
17 5 31 151 14 126.3 0.317 1.357 0.008 712. 429. -22.7 0.0370 0.32 0.16 3.86 155.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
17 5 31 151 15 111.2 0.274 1.315 0.007 736. 345. -16.6 0.0340 0.32 0.16 3.30 129.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
17 5 31 151 16 89.4 0.284 1.234 0.006 756. 363. -23.0 0.0300 0.32 0.17 3.61 101.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
17 5 31 151 17 60.9 0.297 1.091 0.005 767. 389. -38.8 0.0300 0.32 0.19 3.92 97.0 10.0 292.0 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
17 5 31 151 18 27.9 0.289 0.845 0.005 777. 372. -77.5 0.0300 0.32 0.24 3.95 92.0 10.0 289.9 2.0 0
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17 6 1 152 2 -7.0 0.110 -9.000 -9.000 -999. 88. 17.0 0.0340 0.37 1.00 1.74 75.0 10.0 286.4 2.0 0
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17 6 1 152 3 -4.6 0.090 -9.000 -9.000 -999. 64. 13.9 0.0370 0.37 1.00 1.40 26.0 10.0 287.0 2.0 0
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17 6 1 152 4 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0380 0.37 1.00 1.30 307.0 10.0 286.4 2.0 0
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17 6 1 152 5 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0390 0.37 1.00 0.97 148.0 10.0 286.4 2.0 0
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17 6 1 152 6 -1.5 0.059 -9.000 -9.000 -999. 34. 11.7 0.0360 0.37 0.48 0.86 110.0 10.0 287.0 2.0 0
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17 6 1 152 7 4.9 0.100 0.272 0.009 148. 76. -18.6 0.0360 0.37 0.27 1.21 259.0 10.0 287.5 2.0 0
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17 6 1 152 8 52.3 0.108 0.801 0.011 354. 86. -2.2 0.0420 0.37 0.20 0.96 161.0 10.0 288.8 2.0 0
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17 6 1 152 9 95.9 0.204 1.056 0.010 443. 222. -8.0 0.0390 0.37 0.18 2.22 128.0 10.0 290.9 2.0 0
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17 6 1 152 10 119.3 0.286 1.180 0.009 495. 368. -17.7 0.0420 0.37 0.17 3.32 177.0 10.0 292.5 2.0 0
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17 6 1 152 11 137.1 0.312 1.278 0.008 549. 418. -19.9 0.0280 0.37 0.17 3.97 201.0 10.0 292.0 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
17 6 1 152 12 146.6 0.342 1.424 0.007 710. 480. -24.6 0.0450 0.37 0.17 4.03 234.0 10.0 293.1 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
17 6 1 152 13 147.2 0.288 1.487 0.007 805. 371. -14.5 0.0280 0.37 0.17 3.56 201.0 10.0 293.1 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
17 6 1 152 14 139.6 0.301 1.522 0.006 909. 397. -17.6 0.0420 0.37 0.17 3.49 163.0 10.0 293.8 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
17 6 1 152 15 123.1 0.244 1.486 0.005 960. 290. -10.6 0.0390 0.37 0.17 2.73 134.0 10.0 294.2 2.0 0
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17 6 1 152 16 99.3 0.225 1.402 0.005 997. 255. -10.2 0.0360 0.37 0.18 2.55 113.0 10.0 296.4 2.0 0
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17 6 1 152 17 67.5 0.286 1.240 0.005 1016. 367. -31.1 0.0390 0.37 0.20 3.53 143.0 10.0 293.7 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
17 6 1 152 18 31.0 0.315 0.960 0.005 1023. 425. -90.8 0.0360 0.37 0.25 4.20 105.0 10.0 290.9 2.0 0
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17 6 1 152 19 -8.8 0.291 -9.000 -9.000 -999. 378. 252.2 0.0390 0.37 0.43 4.14 126.0 10.0 288.1 2.0 0
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17 6 1 152 20 -22.0 0.224 -9.000 -9.000 -999. 256. 55.0 0.0390 0.37 1.00 3.29 137.0 10.0 287.0 2.0 0
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17 6 1 152 21 -9.9 0.131 -9.000 -9.000 -999. 118. 20.7 0.0360 0.37 1.00 2.03 99.0 10.0 287.0 2.0 0
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17 6 1 152 22 -5.1 0.093 -9.000 -9.000 -999. 68. 14.3 0.0340 0.37 1.00 1.48 79.0 10.0 286.4 2.0 0
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17 6 1 152 23 -6.1 0.102 -9.000 -9.000 -999. 78. 15.7 0.0340 0.37 1.00 1.62 75.0 10.0 286.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
17 6 1 152 24 -3.6 0.080 -9.000 -9.000 -999. 54. 12.7 0.0440 0.37 1.00 1.18 354.0 10.0 284.9 2.0 0
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17 6 2 153 1 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0380 0.37 1.00 1.42 300.0 10.0 284.2 2.0 0
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17 6 2 153 2 -2.4 0.067 -9.000 -9.000 -999. 42. 11.5 0.0320 0.37 1.00 0.96 299.0 10.0 283.8 2.0 0

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17 6 2 153 3 -1.9 0.064 -9.000 -9.000 -999. 39. 12.7 0.0440 0.37 1.00 0.77 334.0 10.0 283.8 2.0 0
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17 6 2 153 6 -2.0 0.065 -9.000 -9.000 -999. 40. 12.2 0.0370 0.37 0.47 0.99 47.0 10.0 284.2 2.0 0
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17 6 2 153 7 4.5 0.081 0.216 0.015 81. 55. -10.6 0.0360 0.37 0.27 0.92 118.0 10.0 284.9 2.0 0
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17 6 2 153 8 13.6 0.111 0.424 0.018 202. 88. -9.0 0.0450 0.37 0.20 1.18 213.0 10.0 285.4 2.0 0
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17 6 2 153 9 91.7 0.121 0.961 0.024 349. 101. -1.7 0.0280 0.37 0.18 1.14 185.0 10.0 289.2 2.0 0
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17 6 2 153 10 119.3 0.227 1.081 0.023 381. 259. -8.8 0.0420 0.37 0.17 2.45 168.0 10.0 292.0 2.0 0
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17 6 2 153 11 137.1 0.309 1.164 0.022 415. 413. -19.4 0.0280 0.37 0.17 3.93 187.0 10.0 291.4 2.0 0
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17 6 2 153 12 146.8 0.283 1.240 0.020 467. 361. -13.8 0.0420 0.37 0.17 3.20 170.0 10.0 293.8 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
17 6 2 153 13 147.6 0.327 1.315 0.018 554. 448. -21.2 0.0420 0.37 0.17 3.85 170.0 10.0 294.2 2.0 0
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17 6 2 153 14 139.9 0.319 1.344 0.016 624. 433. -20.9 0.0420 0.37 0.17 3.76 161.0 10.0 294.2 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
17 6 2 153 15 123.3 0.364 1.327 0.015 681. 527. -35.1 0.0390 0.37 0.17 4.53 147.0 10.0 294.2 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
17 6 2 153 16 98.5 0.389 1.254 0.014 720. 582. -53.7 0.0390 0.37 0.18 4.97 141.0 10.0 292.5 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
17 6 2 153 17 67.1 0.384 1.116 0.013 745. 570. -75.5 0.0390 0.37 0.19 4.99 133.0 10.0 290.9 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
17 6 2 153 18 31.1 0.329 0.867 0.013 752. 455. -102.9 0.0390 0.37 0.25 4.34 137.0 10.0 289.9 2.0 0
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17 6 2 153 19 -6.1 0.219 -9.000 -9.000 -999. 253. 155.7 0.0390 0.37 0.42 3.15 133.0 10.0 288.8 2.0 0
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17 6 2 153 20 -16.5 0.172 -9.000 -9.000 -999. 172. 32.7 0.0390 0.37 1.00 2.57 147.0 10.0 287.5 2.0 0
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17 6 2 153 21 -12.6 0.149 -9.000 -9.000 -999. 138. 24.5 0.0360 0.37 1.00 2.28 119.0 10.0 286.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
17 6 2 153 22 -11.5 0.142 -9.000 -9.000 -999. 128. 22.4 0.0340 0.37 1.00 2.20 79.0 10.0 285.9 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
17 6 2 153 23 -14.0 0.158 -9.000 -9.000 -999. 150. 27.4 0.0370 0.37 1.00 2.39 52.0 10.0 285.9 2.0 0
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17 6 2 153 24 -7.4 0.113 -9.000 -9.000 -999. 92. 17.6 0.0370 0.37 1.00 1.76 26.0 10.0 285.9 2.0 0
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17 6 3 154 1 -2.5 0.068 -9.000 -9.000 -999. 43. 11.5 0.0320 0.37 1.00 0.99 278.0 10.0 284.9 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 2 -3.3 0.076 -9.000 -9.000 -999. 50. 11.9 0.0320 0.37 1.00 1.18 280.0 10.0 284.2 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
17 6 3 154 3 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0360 0.37 1.00 1.40 263.0 10.0 284.9 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
17 6 3 154 4 -3.3 0.077 -9.000 -9.000 -999. 52. 12.5 0.0450 0.37 1.00 1.13 214.0 10.0 283.8 2.0 0
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17 6 3 154 5 -6.1 0.103 -9.000 -9.000 -999. 79. 15.9 0.0390 0.37 1.00 1.59 125.0 10.0 284.2 2.0 0

0.00 100. 1008. 10 ADJ-A1 NoSubs
17 6 3 154 6 -4.8 0.099 -9.000 -9.000 -999. 75. 18.5 0.0370 0.37 0.47 1.54 41.0 10.0 285.4 2.0 0
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17 6 3 154 7 28.0 0.156 0.686 0.027 415. 148. -12.2 0.0370 0.37 0.27 1.79 39.0 10.0 286.4 2.0 0
0.00 96. 1008. 5 ADJ-A1 NoSubs
17 6 3 154 8 61.1 0.133 0.894 0.026 420. 117. -3.5 0.0450 0.37 0.20 1.25 223.0 10.0 288.1 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 9 93.4 0.152 1.037 0.024 429. 143. -3.4 0.0420 0.37 0.18 1.45 168.0 10.0 290.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 10 119.4 0.233 1.135 0.022 440. 270. -9.5 0.0420 0.37 0.17 2.54 175.0 10.0 292.0 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 11 137.4 0.308 1.204 0.020 457. 410. -19.1 0.0450 0.37 0.17 3.54 216.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 12 147.1 0.315 1.257 0.017 486. 424. -19.1 0.0420 0.37 0.17 3.68 176.0 10.0 294.2 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 13 147.9 0.314 1.282 0.015 513. 422. -18.8 0.0420 0.37 0.17 3.66 174.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 14 139.8 0.363 1.312 0.013 581. 525. -30.7 0.0420 0.37 0.17 4.41 164.0 10.0 293.1 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
17 6 3 154 15 123.5 0.326 1.294 0.012 631. 447. -25.2 0.0420 0.37 0.17 3.90 150.0 10.0 294.2 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
17 6 3 154 16 98.7 0.341 1.216 0.011 655. 477. -36.0 0.0390 0.37 0.18 4.25 132.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
17 6 3 154 17 67.7 0.362 1.081 0.011 671. 522. -62.7 0.0390 0.37 0.19 4.66 132.0 10.0 292.0 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
17 6 3 154 18 31.5 0.333 0.840 0.011 676. 461. -105.1 0.0390 0.37 0.25 4.39 132.0 10.0 289.9 2.0 0
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17 6 3 154 19 -6.8 0.255 -9.000 -9.000 -999. 311. 219.0 0.0390 0.37 0.42 3.63 120.0 10.0 288.1 2.0 0
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17 6 3 154 20 -21.2 0.215 -9.000 -9.000 -999. 240. 51.0 0.0360 0.37 1.00 3.22 114.0 10.0 286.4 2.0 0
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17 6 3 154 21 -15.5 0.166 -9.000 -9.000 -999. 163. 30.2 0.0340 0.37 1.00 2.54 82.0 10.0 285.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 22 -11.8 0.144 -9.000 -9.000 -999. 131. 22.8 0.0340 0.37 1.00 2.23 71.0 10.0 285.4 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 23 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0370 0.37 1.00 1.64 48.0 10.0 285.4 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
17 6 3 154 24 -4.1 0.085 -9.000 -9.000 -999. 60. 13.4 0.0440 0.37 1.00 1.28 359.0 10.0 284.9 2.0 0
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17 6 4 155 1 -4.1 0.085 -9.000 -9.000 -999. 60. 13.4 0.0440 0.37 1.00 1.28 358.0 10.0 284.2 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
17 6 4 155 2 -3.0 0.073 -9.000 -9.000 -999. 48. 11.9 0.0370 0.37 1.00 1.09 7.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 6 4 155 3 -4.7 0.090 -9.000 -9.000 -999. 64. 13.8 0.0370 0.37 1.00 1.40 47.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 6 4 155 4 -5.1 0.094 -9.000 -9.000 -999. 69. 14.6 0.0440 0.37 1.00 1.42 332.0 10.0 283.1 2.0 0
0.00 100. 1008. 3 ADJ-A1 NoSubs
17 6 4 155 5 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0370 0.37 1.00 1.16 4.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 6 4 155 6 -4.6 0.096 -9.000 -9.000 -999. 72. 17.7 0.0340 0.37 0.47 1.52 73.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 6 4 155 7 4.4 0.139 0.258 0.023 139. 124. -53.9 0.0340 0.37 0.27 1.82 65.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 6 4 155 8 13.7 0.161 0.458 0.026 253. 155. -27.4 0.0370 0.37 0.20 1.99 59.0 10.0 285.4 2.0 0

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17 6 4 155 9 21.7 0.139 0.606 0.032 368. 124. -11.1 0.0360 0.37 0.18 1.59 99.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 6 4 155 10 115.4 0.150 1.132 0.031 453. 139. -2.6 0.0360 0.37 0.17 1.42 95.0 10.0 288.8 2.0 0
0.00 79. 1010. 5 ADJ-A1 Sub_CC
17 6 4 155 11 137.2 0.212 1.244 0.029 505. 234. -6.3 0.0390 0.37 0.17 2.23 142.0 10.0 291.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
17 6 4 155 12 146.7 0.301 1.305 0.027 545. 396. -16.7 0.0420 0.37 0.17 3.47 161.0 10.0 292.5 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
17 6 4 155 13 147.7 0.289 1.321 0.025 562. 373. -14.7 0.0420 0.37 0.17 3.29 151.0 10.0 293.8 2.0 0
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17 6 4 155 14 140.4 0.259 1.310 0.024 577. 316. -11.1 0.0390 0.37 0.17 2.91 141.0 10.0 294.9 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
17 6 4 155 15 123.9 0.338 1.266 0.022 589. 471. -28.0 0.0390 0.37 0.17 4.14 135.0 10.0 294.9 2.0 0
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17 6 4 155 16 99.3 0.337 1.180 0.021 596. 469. -34.6 0.0390 0.37 0.18 4.19 124.0 10.0 293.8 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
17 6 4 155 17 67.9 0.348 1.043 0.020 600. 493. -55.9 0.0390 0.37 0.19 4.46 132.0 10.0 292.0 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
17 6 4 155 18 31.9 0.308 0.812 0.020 602. 412. -82.7 0.0390 0.37 0.25 4.03 132.0 10.0 290.4 2.0 0
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17 6 4 155 19 -7.1 0.280 -9.000 -9.000 -999. 356. 276.3 0.0390 0.37 0.42 3.97 134.0 10.0 287.5 2.0 0
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17 6 4 155 20 -19.9 0.202 -9.000 -9.000 -999. 220. 44.7 0.0390 0.37 1.00 2.98 123.0 10.0 286.4 2.0 0
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17 6 4 155 21 -13.5 0.154 -9.000 -9.000 -999. 145. 26.0 0.0340 0.37 1.00 2.37 73.0 10.0 285.4 2.0 0
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17 6 4 155 22 -14.7 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.37 1.00 2.47 66.0 10.0 284.9 2.0 0
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17 6 4 155 23 -6.5 0.106 -9.000 -9.000 -999. 83. 16.3 0.0370 0.37 1.00 1.65 33.0 10.0 284.2 2.0 0
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17 6 4 155 24 -6.1 0.102 -9.000 -9.000 -999. 79. 15.8 0.0370 0.37 1.00 1.60 18.0 10.0 283.8 2.0 0
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17 6 5 156 2 -7.3 0.112 -9.000 -9.000 -999. 90. 17.4 0.0380 0.37 1.00 1.74 312.0 10.0 281.4 2.0 0
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17 6 5 156 3 -8.4 0.121 -9.000 -9.000 -999. 101. 18.8 0.0380 0.37 1.00 1.86 305.0 10.0 281.4 2.0 0
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17 6 5 156 4 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0380 0.37 1.00 1.37 305.0 10.0 280.9 2.0 0
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17 6 5 156 6 -5.7 0.108 -9.000 -9.000 -999. 86. 19.9 0.0370 0.37 0.47 1.67 11.0 10.0 282.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 6 5 156 7 4.4 0.145 0.207 0.020 72. 133. -62.5 0.0370 0.37 0.27 1.89 58.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 6 5 156 8 13.5 0.160 0.391 0.022 159. 154. -27.3 0.0370 0.37 0.20 1.98 39.0 10.0 284.2 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 6 5 156 9 95.4 0.157 0.992 0.029 368. 149. -3.6 0.0370 0.37 0.18 1.55 58.0 10.0 287.1 2.0 0
0.00 81. 1009. 3 ADJ-A1 NoSubs
17 6 5 156 10 119.1 0.159 1.093 0.027 394. 153. -3.1 0.0390 0.37 0.17 1.52 147.0 10.0 290.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
17 6 5 156 11 137.4 0.263 1.173 0.025 422. 324. -11.9 0.0280 0.37 0.17 3.20 189.0 10.0 292.0 2.0 0

0.00 64. 1008. 0 ADJ-A1 NoSubs
17 6 5 156 12 147.0 0.286 1.247 0.022 474. 367. -14.3 0.0280 0.37 0.17 3.54 198.0 10.0 293.1 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
17 6 5 156 13 147.8 0.307 1.295 0.021 528. 407. -17.5 0.0280 0.37 0.17 3.86 209.0 10.0 293.8 2.0 0
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17 6 5 156 14 140.0 0.329 1.307 0.019 573. 453. -22.9 0.0280 0.37 0.17 4.24 182.0 10.0 293.1 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
17 6 5 156 15 123.3 0.373 1.273 0.018 602. 547. -37.8 0.0420 0.37 0.17 4.60 175.0 10.0 292.0 2.0 0
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17 6 5 156 16 98.9 0.326 1.194 0.017 619. 448. -31.5 0.0420 0.37 0.18 3.97 174.0 10.0 291.4 2.0 0
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17 6 5 156 22 -6.1 0.102 -9.000 -9.000 -999. 79. 15.8 0.0370 0.37 1.00 1.60 58.0 10.0 285.4 2.0 0
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17 6 5 156 23 -6.0 0.102 -9.000 -9.000 -999. 78. 15.7 0.0370 0.37 1.00 1.59 40.0 10.0 284.9 2.0 0
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17 6 5 156 24 -4.6 0.089 -9.000 -9.000 -999. 64. 14.0 0.0440 0.37 1.00 1.35 341.0 10.0 284.2 2.0 0
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17 6 6 157 1 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0380 0.37 1.00 1.04 306.0 10.0 282.0 2.0 0
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17 6 6 157 3 -2.2 0.067 -9.000 -9.000 -999. 41. 11.8 0.0360 0.37 1.00 0.91 248.0 10.0 283.1 2.0 0
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17 6 6 157 11 33.0 0.216 0.739 0.034 439. 242. -27.6 0.0420 0.37 0.17 2.61 162.0 10.0 288.1 2.0 0
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17 6 6 157 12 146.3 0.333 1.260 0.032 492. 461. -22.7 0.0420 0.37 0.17 3.95 161.0 10.0 289.9 2.0 0
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17 6 6 157 14 139.8 0.304 1.273 0.027 532. 402. -18.1 0.0390 0.37 0.17 3.59 148.0 10.0 291.4 2.0 0

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17 6 6 157 18 32.3 0.331 0.792 0.023 554. 457. -100.9 0.0390 0.37 0.25 4.36 131.0 10.0 289.2 2.0 0
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17 6 6 157 19 -6.1 0.276 -9.000 -9.000 -999. 350. 311.3 0.0390 0.37 0.41 3.91 129.0 10.0 287.5 2.0 0
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17 6 6 157 21 -6.1 0.102 -9.000 -9.000 -999. 81. 15.7 0.0340 0.37 1.00 1.62 78.0 10.0 285.9 2.0 0
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17 6 6 157 22 -3.5 0.079 -9.000 -9.000 -999. 53. 12.4 0.0370 0.37 1.00 1.21 39.0 10.0 284.9 2.0 0
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17 6 6 157 23 -5.4 0.096 -9.000 -9.000 -999. 71. 14.8 0.0370 0.37 1.00 1.50 31.0 10.0 284.2 2.0 0
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17 6 7 158 7 4.5 0.127 0.305 0.019 226. 109. -41.4 0.0340 0.37 0.27 1.65 78.0 10.0 284.2 2.0 0
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17 6 7 158 8 13.6 0.127 0.470 0.024 274. 108. -13.5 0.0340 0.37 0.20 1.50 77.0 10.0 284.9 2.0 0
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17 6 7 158 12 146.0 0.251 1.312 0.030 557. 301. -9.7 0.0280 0.37 0.17 2.98 185.0 10.0 288.1 2.0 0
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17 6 7 158 13 147.0 0.306 1.342 0.028 593. 407. -17.6 0.0280 0.37 0.17 3.86 199.0 10.0 289.2 2.0 0
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17 6 7 158 14 139.5 0.369 1.337 0.026 617. 538. -32.5 0.0450 0.37 0.17 4.44 230.0 10.0 289.9 2.0 0
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17 6 7 158 15 122.9 0.374 1.291 0.025 630. 549. -38.3 0.0360 0.37 0.17 4.76 240.0 10.0 288.8 2.0 0
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17 6 7 158 16 100.9 0.304 1.216 0.024 641. 406. -25.1 0.0450 0.37 0.18 3.59 226.0 10.0 287.5 2.0 0
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17 6 7 158 17 15.6 0.308 0.654 0.024 643. 410. -168.2 0.0450 0.37 0.19 4.02 223.0 10.0 287.0 2.0 0

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17 6 7 158 18 6.6 0.294 0.490 0.024 643. 383. -348.6 0.0450 0.37 0.25 3.90 229.0 10.0 285.9 2.0 0
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17 6 7 158 19 -8.2 0.185 -9.000 -9.000 -999. 197. 69.6 0.0280 0.37 0.41 2.86 209.0 10.0 285.9 2.0 0
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17 6 7 158 20 -15.3 0.163 -9.000 -9.000 -999. 159. 29.3 0.0280 0.37 1.00 2.59 204.0 10.0 285.4 2.0 0
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17 6 7 158 21 -7.7 0.114 -9.000 -9.000 -999. 93. 17.4 0.0280 0.37 1.00 1.86 205.0 10.0 285.9 2.0 0
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17 6 7 158 22 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.37 1.00 1.28 249.0 10.0 285.9 2.0 0
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17 6 7 158 23 -2.5 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.37 1.00 0.97 257.0 10.0 285.9 2.0 0
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17 6 7 158 24 -4.6 0.088 -9.000 -9.000 -999. 63. 13.6 0.0320 0.37 1.00 1.42 297.0 10.0 285.9 2.0 0
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17 6 8 159 1 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.37 1.00 1.25 310.0 10.0 285.9 2.0 0
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17 6 8 159 3 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.37 1.00 1.20 300.0 10.0 285.9 2.0 0
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17 6 8 159 4 -8.0 0.117 -9.000 -9.000 -999. 96. 18.1 0.0320 0.37 1.00 1.86 277.0 10.0 285.9 2.0 0
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17 6 8 159 6 -3.8 0.089 -9.000 -9.000 -999. 63. 16.6 0.0320 0.37 0.47 1.42 298.0 10.0 286.4 2.0 0
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17 6 8 159 7 24.4 0.141 0.553 0.005 249. 128. -10.5 0.0320 0.37 0.27 1.65 285.0 10.0 287.0 2.0 0
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17 6 8 159 8 64.4 0.211 1.004 0.009 566. 232. -13.1 0.0360 0.37 0.20 2.45 244.0 10.0 288.8 2.0 0
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17 6 8 159 9 22.5 0.197 0.740 0.010 648. 210. -30.5 0.0280 0.37 0.18 2.59 206.0 10.0 289.9 2.0 0
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17 6 8 159 10 29.0 0.232 0.813 0.010 668. 269. -38.9 0.0450 0.37 0.17 2.83 234.0 10.0 290.4 2.0 0
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17 6 8 159 11 33.5 0.253 0.862 0.010 690. 305. -43.4 0.0360 0.37 0.17 3.24 260.0 10.0 290.4 2.0 0
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17 6 8 159 12 36.1 0.195 0.894 0.010 714. 207. -18.4 0.0360 0.37 0.17 2.34 248.0 10.0 291.4 2.0 0
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17 6 8 159 13 35.9 0.273 0.901 0.010 735. 343. -51.4 0.0360 0.37 0.17 3.54 264.0 10.0 289.9 2.0 0
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17 6 8 159 14 33.6 0.247 0.889 0.010 754. 294. -40.4 0.0360 0.37 0.17 3.15 255.0 10.0 287.5 2.0 11
1.50 100. 1012. 10 ADJ-A1 NoSubs
17 6 8 159 15 29.6 0.218 0.859 0.009 771. 245. -31.6 0.0450 0.37 0.17 2.62 228.0 10.0 288.1 2.0 11
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17 6 8 159 16 23.6 0.182 0.800 0.009 782. 186. -23.0 0.0360 0.37 0.18 2.23 251.0 10.0 288.1 2.0 0
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17 6 8 159 17 16.1 0.180 0.707 0.009 790. 184. -32.7 0.0360 0.37 0.19 2.27 246.0 10.0 289.2 2.0 0
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17 6 8 159 18 7.3 0.176 0.543 0.009 793. 178. -68.2 0.0360 0.37 0.25 2.32 256.0 10.0 289.2 2.0 0
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17 6 9 160 9 22.2 0.193 0.531 0.006 242. 203. -29.1 0.0280 0.37 0.18 2.53 180.0 10.0 288.1 2.0 0
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17 6 9 160 10 28.6 0.186 0.625 0.005 306. 192. -20.2 0.0280 0.37 0.17 2.37 191.0 10.0 288.1 2.0 0
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17 6 9 160 11 33.5 0.217 0.705 0.005 375. 242. -27.3 0.0420 0.37 0.17 2.61 174.0 10.0 290.4 2.0 0
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17 6 9 160 12 35.9 0.252 0.762 0.005 443. 304. -40.2 0.0420 0.37 0.17 3.12 178.0 10.0 290.4 2.0 0
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17 6 9 160 13 36.6 0.280 0.801 0.005 506. 355. -53.7 0.0420 0.37 0.17 3.52 172.0 10.0 292.5 2.0 0
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17 6 9 160 14 35.0 0.305 0.816 0.005 559. 405. -73.2 0.0280 0.37 0.17 4.22 195.0 10.0 293.8 2.0 0
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17 6 9 160 15 126.2 0.339 1.357 0.006 713. 474. -27.8 0.0280 0.37 0.17 4.43 198.0 10.0 292.5 2.0 0
0.00 65. 1009. 3 ADJ-A1 NoSubs
17 6 9 160 16 82.6 0.382 1.222 0.006 795. 567. -60.8 0.0450 0.37 0.18 4.78 217.0 10.0 291.4 2.0 0
0.00 67. 1008. 7 ADJ-A1 NoSubs
17 6 9 160 17 16.6 0.313 0.720 0.006 810. 424. -167.2 0.0450 0.37 0.19 4.09 210.0 10.0 290.9 2.0 0
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0.00 100. 1010. 0 ADJ-A1 NoSubs
17 6 10 161 5 -7.4 0.112 -9.000 -9.000 -999. 90. 17.4 0.0380 0.37 1.00 1.74 326.0 10.0 280.9 2.0 0
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17 6 10 161 6 -4.3 0.101 -9.000 -9.000 -999. 77. 21.2 0.0380 0.37 0.47 1.54 321.0 10.0 282.5 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
17 6 10 161 7 24.8 0.104 0.783 0.005 697. 81. -4.1 0.0320 0.37 0.27 1.09 276.0 10.0 284.9 2.0 0
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17 6 10 161 8 61.1 0.130 1.160 0.008 921. 113. -3.3 0.0360 0.37 0.20 1.28 117.0 10.0 286.4 2.0 0
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17 6 10 161 9 93.5 0.170 1.362 0.008 975. 168. -4.7 0.0390 0.37 0.18 1.72 122.0 10.0 289.2 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
17 6 10 161 10 119.3 0.301 1.508 0.008 1037. 397. -20.7 0.0280 0.37 0.17 3.85 193.0 10.0 290.4 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
17 6 10 161 11 137.5 0.343 1.616 0.008 1106. 481. -26.3 0.0280 0.37 0.17 4.46 200.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 6 10 161 12 149.1 0.309 1.705 0.010 1198. 413. -17.8 0.0280 0.37 0.17 3.90 183.0 10.0 293.1 2.0 0
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17 6 10 161 13 148.3 0.425 1.742 0.012 1284. 665. -46.7 0.0450 0.37 0.17 5.24 216.0 10.0 293.8 2.0 0
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17 6 10 161 14 142.8 0.418 1.754 0.013 1361. 648. -45.9 0.0450 0.37 0.17 5.14 220.0 10.0 293.8 2.0 0
0.00 53. 1008. 3 ADJ-A1 NoSubs
17 6 10 161 15 102.0 0.383 1.580 0.013 1392. 569. -49.3 0.0450 0.37 0.17 4.73 219.0 10.0 293.8 2.0 0
0.00 56. 1008. 7 ADJ-A1 NoSubs
17 6 10 161 16 102.6 0.418 1.590 0.013 1408. 648. -63.9 0.0450 0.37 0.18 5.24 232.0 10.0 292.5 2.0 0
0.00 60. 1007. 3 ADJ-A1 NoSubs
17 6 10 161 17 72.4 0.433 1.419 0.013 1420. 684. -100.8 0.0450 0.37 0.19 5.55 236.0 10.0 292.5 2.0 0
0.00 58. 1007. 3 ADJ-A1 NoSubs
17 6 10 161 18 34.2 0.347 1.107 0.013 1426. 496. -110.1 0.0360 0.37 0.25 4.66 243.0 10.0 292.5 2.0 0
0.00 46. 1007. 0 ADJ-A1 NoSubs
17 6 10 161 19 3.7 0.342 0.528 0.013 1426. 480. -968.6 0.0360 0.37 0.40 4.78 259.0 10.0 290.9 2.0 0
0.00 49. 1007. 7 ADJ-A1 NoSubs
17 6 10 161 20 -33.6 0.344 -9.000 -9.000 -999. 484. 129.9 0.0360 0.37 1.00 5.04 259.0 10.0 288.1 2.0 0
0.00 63. 1007. 3 ADJ-A1 NoSubs
17 6 10 161 21 -19.0 0.193 -9.000 -9.000 -999. 219. 40.9 0.0320 0.37 1.00 2.96 273.0 10.0 287.0 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
17 6 10 161 22 -20.5 0.208 -9.000 -9.000 -999. 228. 47.6 0.0320 0.37 1.00 3.18 275.0 10.0 286.4 2.0 0
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17 6 10 161 23 -14.9 0.163 -9.000 -9.000 -999. 158. 29.1 0.0360 0.37 1.00 2.47 253.0 10.0 284.9 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
17 6 10 161 24 -19.1 0.193 -9.000 -9.000 -999. 203. 40.9 0.0320 0.37 1.00 2.96 273.0 10.0 284.9 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
17 6 11 162 1 -14.7 0.160 -9.000 -9.000 -999. 154. 28.3 0.0320 0.37 1.00 2.49 284.0 10.0 283.1 2.0 0
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17 6 11 162 2 -13.1 0.152 -9.000 -9.000 -999. 142. 25.4 0.0360 0.37 1.00 2.32 266.0 10.0 282.5 2.0 0

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17 6 11 162 3 -7.3 0.112 -9.000 -9.000 -999. 91. 17.4 0.0380 0.37 1.00 1.74 316.0 10.0 281.4 2.0 0
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17 6 11 162 4 -11.2 0.140 -9.000 -9.000 -999. 126. 21.9 0.0380 0.37 1.00 2.13 307.0 10.0 280.4 2.0 0
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17 6 11 162 5 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.37 1.00 2.27 307.0 10.0 280.9 2.0 0
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17 6 11 162 6 -5.8 0.117 -9.000 -9.000 -999. 96. 24.9 0.0380 0.37 0.47 1.77 321.0 10.0 281.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
17 6 11 162 7 24.8 0.105 0.709 0.005 516. 82. -4.2 0.0370 0.37 0.27 1.06 54.0 10.0 284.9 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
17 6 11 162 8 64.4 0.260 1.053 0.005 652. 318. -24.6 0.0280 0.37 0.20 3.37 204.0 10.0 288.1 2.0 0
0.00 61. 1009. 3 ADJ-A1 NoSubs
17 6 11 162 9 93.7 0.425 1.283 0.005 811. 664. -73.5 0.0360 0.37 0.18 5.60 258.0 10.0 290.4 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
17 6 11 162 10 119.4 0.483 1.420 0.005 864. 805. -84.8 0.0360 0.37 0.17 6.41 253.0 10.0 290.9 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
17 6 11 162 11 137.4 0.539 1.565 0.005 1006. 948. -102.5 0.0450 0.37 0.17 6.91 236.0 10.0 290.9 2.0
0 0.00 57. 1009. 0 ADJ-A1 NoSubs
17 6 11 162 12 146.9 0.621 1.702 0.005 1209. 1171. -146.4 0.0450 0.37 0.17 8.06 224.0 10.0 291.4 2.0
0 0.00 57. 1009. 0 ADJ-A1 NoSubs
17 6 11 162 13 147.6 0.661 1.782 0.005 1382. 1289. -176.3 0.0450 0.37 0.17 8.64 230.0 10.0 290.9 2.0
0 0.00 59. 1010. 0 ADJ-A1 NoSubs
17 6 11 162 14 140.2 0.682 1.804 0.005 1510. 1351. -204.0 0.0450 0.37 0.17 8.95 231.0 10.0 290.9 2.0
0 0.00 59. 1010. 0 ADJ-A1 NoSubs
17 6 11 162 15 123.8 0.661 1.765 0.005 1601. 1290. -209.6 0.0450 0.37 0.17 8.67 230.0 10.0 289.9 2.0
0 0.00 66. 1009. 0 ADJ-A1 NoSubs
17 6 11 162 16 99.6 0.697 1.665 0.005 1672. 1394. -305.7 0.0450 0.37 0.18 9.22 234.0 10.0 289.2 2.0
0 0.00 69. 1009. 0 ADJ-A1 NoSubs
17 6 11 162 17 68.8 0.672 1.485 0.005 1716. 1324. -396.9 0.0450 0.37 0.19 8.93 235.0 10.0 288.1 2.0
0 0.00 74. 1010. 0 ADJ-A1 NoSubs
17 6 11 162 18 35.9 0.537 1.200 0.005 1736. 964. -387.7 0.0450 0.37 0.24 7.13 235.0 10.0 286.4 2.0 0
0.00 80. 1010. 5 ADJ-A1 NoSubs
17 6 11 162 19 -6.2 0.378 -9.000 -9.000 -999. 582. 789.9 0.0450 0.37 0.40 5.14 237.0 10.0 285.9 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
17 6 11 162 20 -23.0 0.233 -9.000 -9.000 -999. 287. 59.7 0.0360 0.37 1.00 3.47 240.0 10.0 285.9 2.0 0
0.00 79. 1011. 7 ADJ-A1 NoSubs
17 6 11 162 21 -28.6 0.288 -9.000 -9.000 -999. 372. 91.5 0.0450 0.37 1.00 4.09 232.0 10.0 284.9 2.0 0
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17 6 11 162 22 -19.6 0.197 -9.000 -9.000 -999. 213. 42.7 0.0450 0.37 1.00 2.84 231.0 10.0 284.9 2.0 0
0.00 92. 1011. 5 ADJ-A1 NoSubs
17 6 11 162 23 -10.7 0.136 -9.000 -9.000 -999. 122. 21.4 0.0360 0.37 1.00 2.10 249.0 10.0 284.2 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 6 11 162 24 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.37 1.00 1.59 315.0 10.0 283.1 2.0 0
0.00 92. 1011. 3 ADJ-A1 NoSubs
17 6 12 163 1 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.37 1.00 1.59 312.0 10.0 283.8 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
17 6 12 163 2 -3.2 0.075 -9.000 -9.000 -999. 49. 12.0 0.0370 0.37 1.00 1.13 12.0 10.0 283.1 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 6 12 163 3 -3.9 0.082 -9.000 -9.000 -999. 56. 12.8 0.0380 0.37 1.00 1.26 328.0 10.0 282.5 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 6 12 163 4 -9.1 0.126 -9.000 -9.000 -999. 107. 19.6 0.0380 0.37 1.00 1.93 307.0 10.0 281.4 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 6 12 163 5 -11.2 0.140 -9.000 -9.000 -999. 126. 22.0 0.0380 0.37 1.00 2.13 318.0 10.0 282.0 2.0 0

0.00 95. 1012. 7 ADJ-A1 NoSubs
17 6 12 163 6 -3.9 0.089 -9.000 -9.000 -999. 64. 16.4 0.0320 0.37 0.47 1.43 295.0 10.0 283.8 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
17 6 12 163 7 24.1 0.117 0.574 0.005 283. 96. -6.0 0.0420 0.37 0.27 1.20 151.0 10.0 284.9 2.0 0
0.00 96. 1014. 7 ADJ-A1 NoSubs
17 6 12 163 8 13.8 0.194 0.508 0.005 342. 206. -48.0 0.0450 0.37 0.20 2.40 217.0 10.0 285.9 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
17 6 12 163 9 22.1 0.203 0.636 0.005 421. 220. -34.5 0.0360 0.37 0.18 2.57 249.0 10.0 287.5 2.0 0
0.00 74. 1015. 10 ADJ-A1 NoSubs
17 6 12 163 10 28.8 0.259 0.738 0.005 505. 317. -54.8 0.0360 0.37 0.17 3.37 260.0 10.0 289.2 2.0 0
0.00 66. 1015. 10 ADJ-A1 NoSubs
17 6 12 163 11 33.2 0.328 0.813 0.006 586. 451. -96.5 0.0450 0.37 0.17 4.20 216.0 10.0 288.8 2.0 0
0.00 68. 1016. 10 ADJ-A1 NoSubs
17 6 12 163 12 119.1 0.269 1.412 0.009 857. 337. -14.8 0.0280 0.37 0.17 3.34 193.0 10.0 290.9 2.0 0
0.00 62. 1015. 7 ADJ-A1 NoSubs
17 6 12 163 13 147.7 0.409 1.536 0.008 889. 627. -41.8 0.0450 0.37 0.17 5.00 214.0 10.0 290.9 2.0 0
0.00 62. 1015. 0 ADJ-A1 NoSubs
17 6 12 163 14 140.5 0.496 1.549 0.007 958. 837. -78.4 0.0450 0.37 0.17 6.28 227.0 10.0 291.4 2.0 0
0.00 60. 1015. 0 ADJ-A1 NoSubs
17 6 12 163 15 124.4 0.444 1.522 0.006 1026. 712. -63.4 0.0450 0.37 0.17 5.56 231.0 10.0 292.0 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
17 6 12 163 16 100.4 0.402 1.441 0.006 1078. 614. -58.6 0.0450 0.37 0.18 5.02 232.0 10.0 292.0 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
17 6 12 163 17 69.6 0.394 1.288 0.006 1111. 593. -79.2 0.0450 0.37 0.19 4.99 234.0 10.0 290.9 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
17 6 12 163 18 34.0 0.288 1.019 0.006 1126. 378. -63.4 0.0450 0.37 0.24 3.61 216.0 10.0 289.9 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
17 6 12 163 19 -1.8 0.165 -9.000 -9.000 -999. 170. 224.5 0.0420 0.37 0.40 2.32 160.0 10.0 289.2 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
17 6 12 163 20 -27.7 0.280 -9.000 -9.000 -999. 356. 86.2 0.0360 0.37 1.00 4.14 98.0 10.0 286.4 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
17 6 12 163 21 -20.2 0.203 -9.000 -9.000 -999. 222. 45.5 0.0340 0.37 1.00 3.08 66.0 10.0 285.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 6 12 163 22 -10.1 0.133 -9.000 -9.000 -999. 118. 20.9 0.0370 0.37 1.00 2.04 56.0 10.0 284.9 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 6 12 163 23 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0370 0.37 1.00 1.21 1.0 10.0 284.2 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 6 12 163 24 -7.6 0.114 -9.000 -9.000 -999. 93. 17.8 0.0380 0.37 1.00 1.77 315.0 10.0 283.1 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 6 13 164 1 -8.7 0.123 -9.000 -9.000 -999. 103. 19.2 0.0380 0.37 1.00 1.89 324.0 10.0 282.5 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 6 13 164 2 -8.7 0.122 -9.000 -9.000 -999. 102. 19.0 0.0380 0.37 1.00 1.88 317.0 10.0 282.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 6 13 164 3 -8.7 0.122 -9.000 -9.000 -999. 102. 19.0 0.0380 0.37 1.00 1.88 317.0 10.0 281.4 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 6 13 164 4 -7.6 0.114 -9.000 -9.000 -999. 92. 17.6 0.0380 0.37 1.00 1.76 310.0 10.0 281.4 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 6 13 164 5 -9.0 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.37 1.00 1.91 313.0 10.0 281.4 2.0 0
0.00 100. 1013. 5 ADJ-A1 NoSubs
17 6 13 164 6 -3.6 0.086 -9.000 -9.000 -999. 60. 15.9 0.0440 0.37 0.47 1.30 342.0 10.0 282.5 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 6 13 164 7 4.4 0.143 0.230 0.013 100. 130. -60.3 0.0370 0.37 0.27 1.86 48.0 10.0 283.1 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 6 13 164 8 13.6 0.135 0.443 0.016 230. 119. -16.4 0.0370 0.37 0.20 1.60 51.0 10.0 284.9 2.0 0

0.00 96. 1013. 10 ADJ-A1 NoSubs
17 6 13 164 9 93.2 0.158 1.047 0.017 445. 150. -3.8 0.0390 0.37 0.18 1.55 120.0 10.0 288.1 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
17 6 13 164 10 119.3 0.219 1.163 0.015 477. 247. -8.0 0.0280 0.37 0.17 2.56 198.0 10.0 290.4 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
17 6 13 164 11 137.7 0.271 1.248 0.013 510. 338. -13.0 0.0280 0.37 0.17 3.32 186.0 10.0 292.0 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
17 6 13 164 12 147.3 0.306 1.304 0.010 544. 407. -17.6 0.0280 0.37 0.17 3.86 203.0 10.0 292.5 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
17 6 13 164 13 148.2 0.300 1.332 0.008 576. 395. -16.5 0.0280 0.37 0.17 3.76 193.0 10.0 292.5 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
17 6 13 164 14 141.3 0.291 1.352 0.007 631. 377. -15.7 0.0280 0.37 0.17 3.63 181.0 10.0 294.2 2.0 0
0.00 50. 1011. 0 ADJ-A1 NoSubs
17 6 13 164 15 125.4 0.298 1.335 0.005 685. 391. -19.0 0.0420 0.37 0.17 3.48 173.0 10.0 295.4 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
17 6 13 164 16 101.3 0.277 1.267 0.005 724. 351. -19.0 0.0390 0.37 0.18 3.29 145.0 10.0 294.9 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
17 6 13 164 17 70.4 0.306 1.135 0.005 747. 406. -36.6 0.0360 0.37 0.19 3.88 113.0 10.0 293.1 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
17 6 13 164 18 34.3 0.313 0.896 0.005 755. 419. -80.2 0.0360 0.37 0.24 4.14 119.0 10.0 289.9 2.0 0
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17 6 13 164 19 -3.0 0.281 -9.000 -9.000 -999. 358. 653.7 0.0390 0.37 0.40 3.93 125.0 10.0 288.1 2.0 0
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17 6 13 164 20 -23.1 0.234 -9.000 -9.000 -999. 273. 60.4 0.0390 0.37 1.00 3.44 130.0 10.0 286.4 2.0 0
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17 6 13 164 21 -11.3 0.141 -9.000 -9.000 -999. 130. 22.2 0.0360 0.37 1.00 2.16 96.0 10.0 285.9 2.0 0
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17 6 13 164 22 -14.1 0.157 -9.000 -9.000 -999. 150. 27.2 0.0340 0.37 1.00 2.42 89.0 10.0 285.4 2.0 0
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17 6 13 164 23 -3.9 0.083 -9.000 -9.000 -999. 59. 12.9 0.0370 0.37 1.00 1.28 13.0 10.0 285.4 2.0 0
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17 6 13 164 24 -3.1 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.37 1.00 1.11 5.0 10.0 284.2 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 1 -8.8 0.124 -9.000 -9.000 -999. 105. 19.6 0.0440 0.37 1.00 1.86 338.0 10.0 283.1 2.0 0
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17 6 14 165 2 -5.3 0.096 -9.000 -9.000 -999. 71. 14.9 0.0440 0.37 1.00 1.45 351.0 10.0 283.1 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 3 -8.8 0.122 -9.000 -9.000 -999. 103. 18.8 0.0320 0.37 1.00 1.94 285.0 10.0 282.5 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 4 -3.7 0.080 -9.000 -9.000 -999. 55. 12.6 0.0380 0.37 1.00 1.23 307.0 10.0 282.0 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 5 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0380 0.37 1.00 1.11 318.0 10.0 282.0 2.0 0
0.00 100. 1010. 5 ADJ-A1 NoSubs
17 6 14 165 6 -2.4 0.071 -9.000 -9.000 -999. 45. 13.3 0.0440 0.37 0.47 1.06 331.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 6 14 165 7 24.8 0.123 0.532 0.020 218. 104. -6.8 0.0370 0.37 0.27 1.33 49.0 10.0 284.9 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 8 61.3 0.119 0.827 0.023 332. 98. -2.4 0.0390 0.37 0.20 1.09 131.0 10.0 287.5 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 9 93.7 0.198 0.990 0.022 373. 212. -7.5 0.0420 0.37 0.18 2.10 165.0 10.0 290.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 10 119.8 0.225 1.118 0.020 421. 256. -8.6 0.0420 0.37 0.17 2.42 165.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 11 138.5 0.299 1.218 0.017 470. 392. -17.4 0.0420 0.37 0.17 3.46 175.0 10.0 294.9 2.0 0

0.00 54. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 12 148.0 0.319 1.286 0.015 518. 431. -19.7 0.0420 0.37 0.17 3.73 178.0 10.0 295.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
17 6 14 165 13 149.0 0.345 1.324 0.012 561. 486. -24.8 0.0420 0.37 0.17 4.12 174.0 10.0 295.4 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
17 6 14 165 14 141.7 0.322 1.332 0.011 601. 440. -21.3 0.0420 0.37 0.17 3.80 165.0 10.0 295.4 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
17 6 14 165 15 125.2 0.316 1.313 0.009 650. 425. -22.6 0.0390 0.37 0.17 3.80 148.0 10.0 294.2 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
17 6 14 165 16 101.2 0.359 1.246 0.008 688. 515. -41.0 0.0390 0.37 0.18 4.51 142.0 10.0 293.8 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
17 6 14 165 17 70.3 0.336 1.116 0.008 711. 468. -48.5 0.0390 0.37 0.19 4.27 140.0 10.0 292.0 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
17 6 14 165 18 34.7 0.279 0.887 0.008 722. 355. -56.0 0.0390 0.37 0.24 3.57 146.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
17 6 14 165 19 -1.8 0.229 -9.000 -9.000 -999. 263. 585.9 0.0420 0.37 0.40 3.16 163.0 10.0 289.2 2.0 0
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17 6 14 165 20 -18.6 0.189 -9.000 -9.000 -999. 198. 39.5 0.0390 0.37 1.00 2.81 141.0 10.0 288.1 2.0 0
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17 6 14 165 21 -18.5 0.188 -9.000 -9.000 -999. 196. 38.9 0.0390 0.37 1.00 2.79 134.0 10.0 286.4 2.0 0
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17 6 14 165 22 -9.4 0.128 -9.000 -9.000 -999. 111. 20.1 0.0360 0.37 1.00 1.98 117.0 10.0 285.9 2.0 0
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17 6 14 165 23 -5.0 0.092 -9.000 -9.000 -999. 68. 14.2 0.0340 0.37 1.00 1.47 73.0 10.0 285.4 2.0 0
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17 6 14 165 24 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.37 1.00 1.25 11.0 10.0 284.9 2.0 0
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17 6 15 166 1 -3.8 0.082 -9.000 -9.000 -999. 56. 12.7 0.0370 0.37 1.00 1.26 3.0 10.0 284.2 2.0 0
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17 6 15 166 2 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.37 1.00 1.43 314.0 10.0 283.8 2.0 0
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17 6 15 166 3 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0380 0.37 1.00 1.31 308.0 10.0 282.0 2.0 0
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17 6 15 166 4 -5.9 0.101 -9.000 -9.000 -999. 77. 15.5 0.0380 0.37 1.00 1.57 312.0 10.0 282.5 2.0 0
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17 6 15 166 5 -4.6 0.089 -9.000 -9.000 -999. 64. 14.0 0.0440 0.37 1.00 1.35 341.0 10.0 282.0 2.0 0
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17 6 15 166 6 -2.8 0.101 -9.000 -9.000 -999. 77. 33.4 0.0440 0.37 0.47 1.47 337.0 10.0 283.8 2.0 0
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17 6 15 166 7 24.9 0.142 0.515 0.021 198. 128. -10.3 0.0370 0.37 0.27 1.60 44.0 10.0 285.9 2.0 0
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17 6 15 166 8 61.3 0.137 0.827 0.026 333. 122. -3.8 0.0390 0.37 0.20 1.35 122.0 10.0 288.1 2.0 0
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17 6 15 166 9 93.8 0.167 1.005 0.025 391. 164. -4.5 0.0420 0.37 0.18 1.65 159.0 10.0 290.9 2.0 0
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17 6 15 166 10 119.7 0.217 1.119 0.023 422. 243. -7.7 0.0390 0.37 0.17 2.35 148.0 10.0 292.5 2.0 0
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17 6 15 166 11 138.3 0.246 1.189 0.021 438. 293. -9.7 0.0390 0.37 0.17 2.73 145.0 10.0 294.2 2.0 0
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17 6 15 166 12 147.8 0.298 1.230 0.018 455. 391. -16.2 0.0280 0.37 0.17 3.73 181.0 10.0 294.2 2.0 0
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17 6 15 166 13 148.9 0.324 1.255 0.016 480. 443. -20.6 0.0420 0.37 0.17 3.81 166.0 10.0 294.9 2.0 0
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17 6 15 166 14 142.1 0.312 1.295 0.014 552. 418. -19.2 0.0420 0.37 0.17 3.64 156.0 10.0 296.4 2.0 0

0.00 49. 1011. 0 ADJ-A1 NoSubs
17 6 15 166 15 126.2 0.286 1.294 0.013 619. 367. -16.7 0.0390 0.37 0.17 3.35 142.0 10.0 297.0 2.0 0
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17 6 15 166 16 102.3 0.268 1.238 0.012 668. 332. -16.9 0.0420 0.37 0.18 3.09 165.0 10.0 297.0 2.0 0
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17 6 15 166 17 71.5 0.261 1.115 0.012 699. 320. -22.3 0.0420 0.37 0.19 3.09 169.0 10.0 295.9 2.0 0
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17 6 15 166 18 36.1 0.264 0.894 0.011 713. 325. -45.7 0.0420 0.37 0.24 3.29 167.0 10.0 295.4 2.0 0
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17 6 15 166 19 -0.6 0.289 -9.000 -9.000 -999. 373. 3489.9 0.0420 0.37 0.40 3.95 171.0 10.0 292.0 2.0 0
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17 6 15 166 20 -13.8 0.155 -9.000 -9.000 -999. 158. 26.5 0.0280 0.37 1.00 2.47 193.0 10.0 289.9 2.0 0
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17 6 15 166 21 -8.8 0.123 -9.000 -9.000 -999. 104. 19.0 0.0280 0.37 1.00 1.99 197.0 10.0 289.2 2.0 0
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17 6 15 166 22 -12.0 0.146 -9.000 -9.000 -999. 133. 23.3 0.0360 0.37 1.00 2.23 112.0 10.0 288.8 2.0 0
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17 6 15 166 23 -4.6 0.090 -9.000 -9.000 -999. 65. 13.9 0.0370 0.37 1.00 1.40 37.0 10.0 288.1 2.0 0
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17 6 15 166 24 -4.3 0.087 -9.000 -9.000 -999. 61. 13.5 0.0370 0.37 1.00 1.35 43.0 10.0 288.1 2.0 0
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17 6 16 167 1 -2.1 0.065 -9.000 -9.000 -999. 39. 11.3 0.0280 0.37 1.00 0.92 181.0 10.0 286.4 2.0 0
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17 6 16 167 2 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0370 0.37 1.00 1.21 44.0 10.0 287.0 2.0 0
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17 6 16 167 3 -5.5 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.37 1.00 1.52 327.0 10.0 286.4 2.0 0
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17 6 16 167 5 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0320 0.37 1.00 1.14 292.0 10.0 285.4 2.0 0
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17 6 16 167 6 -1.4 0.058 -9.000 -9.000 -999. 33. 12.4 0.0360 0.37 0.47 0.89 242.0 10.0 287.0 2.0 0
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17 6 16 167 8 62.3 0.130 0.711 0.021 208. 113. -3.2 0.0390 0.37 0.20 1.25 120.0 10.0 292.5 2.0 0
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17 6 16 167 9 94.7 0.183 0.869 0.018 249. 188. -5.9 0.0420 0.37 0.18 1.88 158.0 10.0 294.9 2.0 0
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17 6 16 167 10 120.8 0.300 1.094 0.016 391. 394. -20.1 0.0420 0.37 0.17 3.52 167.0 10.0 296.4 2.0 0
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17 6 16 167 12 148.4 0.373 1.300 0.013 534. 547. -31.5 0.0420 0.37 0.17 4.54 162.0 10.0 296.4 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
17 6 16 167 13 149.2 0.354 1.326 0.012 563. 506. -26.8 0.0420 0.37 0.17 4.26 164.0 10.0 295.9 2.0 0
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17 6 16 167 14 142.3 0.293 1.327 0.010 590. 383. -15.9 0.0390 0.37 0.17 3.42 148.0 10.0 297.0 2.0 0
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17 6 16 167 15 126.3 0.312 1.291 0.008 613. 418. -21.6 0.0420 0.37 0.17 3.68 163.0 10.0 297.0 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
17 6 16 167 16 101.9 0.353 1.213 0.007 630. 503. -38.8 0.0420 0.37 0.18 4.36 154.0 10.0 295.4 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
17 6 16 167 17 71.4 0.301 1.084 0.006 642. 397. -34.2 0.0420 0.37 0.19 3.68 161.0 10.0 294.9 2.0 0

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17 6 16 167 18 36.2 0.254 0.867 0.006 648. 308. -40.8 0.0420 0.37 0.24 3.15 168.0 10.0 294.9 2.0 0
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17 6 16 167 19 -0.1 0.242 -9.000 -9.000 -999. 285. 8888.0 0.0420 0.37 0.39 3.30 174.0 10.0 292.5 2.0 0
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17 6 16 167 20 -20.4 0.210 -9.000 -9.000 -999. 231. 48.3 0.0420 0.37 1.00 3.05 179.0 10.0 289.2 2.0 0
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17 6 16 167 21 -12.2 0.148 -9.000 -9.000 -999. 137. 24.1 0.0420 0.37 1.00 2.20 178.0 10.0 289.2 2.0 0
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17 6 16 167 22 -7.7 0.114 -9.000 -9.000 -999. 93. 17.5 0.0280 0.37 1.00 1.86 194.0 10.0 287.5 2.0 0
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17 6 16 167 23 -3.0 0.074 -9.000 -9.000 -999. 48. 12.3 0.0450 0.37 1.00 1.06 238.0 10.0 288.1 2.0 0
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17 6 16 167 24 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.37 1.00 1.28 256.0 10.0 286.4 2.0 0
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17 6 17 168 1 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0450 0.37 1.00 1.25 221.0 10.0 287.0 2.0 0
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17 6 17 168 2 -6.0 0.100 -9.000 -9.000 -999. 76. 15.2 0.0280 0.37 1.00 1.65 197.0 10.0 285.9 2.0 0
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17 6 17 168 3 -2.5 0.069 -9.000 -9.000 -999. 43. 11.5 0.0320 0.37 1.00 1.01 273.0 10.0 285.9 2.0 0
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17 6 17 168 5 -2.3 0.067 -9.000 -9.000 -999. 41. 11.7 0.0360 0.37 1.00 0.92 267.0 10.0 285.9 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
17 6 17 168 6 -1.4 0.059 -9.000 -9.000 -999. 34. 12.9 0.0450 0.37 0.47 0.87 213.0 10.0 287.0 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
17 6 17 168 7 25.5 0.117 0.544 0.028 226. 96. -5.6 0.0390 0.37 0.27 1.21 141.0 10.0 289.2 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
17 6 17 168 8 62.1 0.152 0.768 0.026 262. 142. -5.0 0.0390 0.37 0.20 1.55 139.0 10.0 292.0 2.0 0
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17 6 17 168 9 94.8 0.159 0.960 0.024 336. 153. -3.8 0.0390 0.37 0.18 1.57 145.0 10.0 295.4 2.0 0
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17 6 17 168 10 120.7 0.230 1.124 0.022 423. 265. -9.1 0.0420 0.37 0.17 2.49 168.0 10.0 296.4 2.0 0
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17 6 17 168 11 139.8 0.284 1.254 0.020 507. 363. -14.7 0.0420 0.37 0.17 3.23 173.0 10.0 299.2 2.0 0
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17 6 17 168 12 149.9 0.296 1.314 0.018 544. 386. -15.5 0.0420 0.37 0.17 3.39 175.0 10.0 300.9 2.0 0
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17 6 17 168 13 150.7 0.335 1.336 0.016 568. 465. -22.4 0.0420 0.37 0.17 3.97 177.0 10.0 300.4 2.0 0
0.00 48. 1006. 0 ADJ-A1 NoSubs
17 6 17 168 14 143.0 0.351 1.329 0.014 589. 498. -27.1 0.0420 0.37 0.17 4.22 166.0 10.0 298.8 2.0 0
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17 6 17 168 15 126.7 0.315 1.290 0.012 608. 425. -22.1 0.0420 0.37 0.17 3.73 153.0 10.0 298.1 2.0 0
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17 6 17 168 16 102.6 0.335 1.212 0.011 623. 465. -32.8 0.0420 0.37 0.18 4.09 161.0 10.0 297.0 2.0 0
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17 6 17 168 17 71.4 0.362 1.079 0.010 631. 523. -59.7 0.0420 0.37 0.19 4.59 158.0 10.0 294.2 2.0 0
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17 6 17 168 18 35.9 0.302 0.861 0.010 636. 400. -68.5 0.0420 0.37 0.24 3.85 162.0 10.0 293.1 2.0 0
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17 6 17 168 20 -13.7 0.155 -9.000 -9.000 -999. 147. 26.5 0.0280 0.37 1.00 2.47 181.0 10.0 288.8 2.0 0

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17 6 17 168 22 -3.0 0.074 -9.000 -9.000 -999. 48. 11.8 0.0320 0.37 1.00 1.14 274.0 10.0 289.2 2.0 0
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17 6 17 168 23 -2.9 0.073 -9.000 -9.000 -999. 48. 12.0 0.0380 0.37 1.00 1.09 313.0 10.0 289.2 2.0 0
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17 6 17 168 24 -2.4 0.068 -9.000 -9.000 -999. 43. 11.8 0.0380 0.37 1.00 0.96 314.0 10.0 289.2 2.0 0
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17 6 18 169 8 62.6 0.159 0.675 0.021 175. 152. -5.7 0.0420 0.37 0.20 1.62 159.0 10.0 294.2 2.0 0
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17 6 18 169 10 121.0 0.315 1.067 0.011 359. 424. -23.1 0.0420 0.37 0.17 3.74 179.0 10.0 297.5 2.0 0
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17 6 18 169 13 150.0 0.365 1.260 0.006 477. 530. -29.1 0.0450 0.37 0.17 4.36 227.0 10.0 298.1 2.0 0
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17 6 18 169 14 142.6 0.348 1.290 0.006 539. 493. -26.4 0.0450 0.37 0.17 4.12 219.0 10.0 297.5 2.0 0
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17 6 18 169 15 126.5 0.341 1.332 0.008 669. 477. -27.9 0.0450 0.37 0.17 4.05 219.0 10.0 297.0 2.0 0
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17 6 18 169 16 102.4 0.319 1.300 0.008 769. 433. -28.4 0.0450 0.37 0.18 3.80 231.0 10.0 295.9 2.0 0
0.00 56. 1003. 0 ADJ-A1 NoSubs
17 6 18 169 17 71.7 0.336 1.188 0.009 836. 467. -47.2 0.0450 0.37 0.19 4.14 220.0 10.0 294.9 2.0 0
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17 6 18 169 18 36.2 0.293 0.957 0.009 865. 381. -62.0 0.0360 0.37 0.24 3.83 240.0 10.0 293.8 2.0 0
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17 6 18 169 19 0.3 0.185 0.198 0.009 861. 197. -1750.3 0.0280 0.37 0.39 2.71 208.0 10.0 292.5 2.0 0
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0.00 83. 1005. 0 ADJ-A1 NoSubs
17 6 19 170 8 61.9 0.127 0.643 0.031 154. 108. -2.9 0.0390 0.37 0.20 1.20 120.0 10.0 292.0 2.0 0
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17 6 19 170 9 94.8 0.156 0.796 0.027 191. 149. -3.6 0.0390 0.37 0.18 1.53 124.0 10.0 295.9 2.0 0
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17 6 19 170 10 120.8 0.229 0.997 0.026 294. 262. -8.9 0.0420 0.37 0.17 2.47 160.0 10.0 297.0 2.0 0
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17 6 19 170 12 148.4 0.370 1.175 0.013 392. 541. -30.6 0.0280 0.37 0.17 4.87 190.0 10.0 296.4 2.0 0
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17 6 19 170 17 70.7 0.312 1.026 0.013 548. 419. -38.5 0.0420 0.37 0.19 3.85 176.0 10.0 289.9 2.0 0
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17 6 23 174 22 -13.0 0.152 -9.000 -9.000 -999. 142. 25.4 0.0360 0.37 1.00 2.32 247.0 10.0 287.5 2.0 0
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17 6 23 174 23 -6.7 0.107 -9.000 -9.000 -999. 84. 16.5 0.0320 0.37 1.00 1.71 275.0 10.0 287.5 2.0 0
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17 6 23 174 24 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0360 0.37 1.00 1.38 257.0 10.0 287.0 2.0 0
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17 6 24 175 1 -3.2 0.075 -9.000 -9.000 -999. 49. 11.7 0.0280 0.37 1.00 1.20 205.0 10.0 287.0 2.0 0
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17 6 24 175 2 -4.1 0.084 -9.000 -9.000 -999. 58. 12.8 0.0280 0.37 1.00 1.37 192.0 10.0 287.0 2.0 0
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17 6 24 175 3 -7.8 0.118 -9.000 -9.000 -999. 97. 18.7 0.0450 0.37 1.00 1.76 215.0 10.0 287.0 2.0 0
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17 6 24 175 4 -7.8 0.118 -9.000 -9.000 -999. 97. 18.7 0.0450 0.37 1.00 1.76 221.0 10.0 287.0 2.0 0
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17 6 24 175 5 -9.6 0.131 -9.000 -9.000 -999. 113. 20.9 0.0450 0.37 1.00 1.94 224.0 10.0 287.0 2.0 0
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17 6 24 175 6 -5.6 0.108 -9.000 -9.000 -999. 85. 20.2 0.0280 0.37 0.47 1.74 205.0 10.0 287.0 2.0 0
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17 6 24 175 7 4.8 0.105 0.275 0.026 155. 82. -21.8 0.0280 0.37 0.27 1.35 193.0 10.0 287.0 2.0 0
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17 6 24 175 8 14.0 0.125 0.462 0.039 253. 106. -12.5 0.0390 0.37 0.20 1.42 147.0 10.0 288.1 2.0 0
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17 6 24 175 10 121.3 0.179 1.141 0.044 441. 182. -4.3 0.0420 0.37 0.17 1.76 172.0 10.0 292.0 2.0 0
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17 6 24 175 11 137.5 0.265 1.286 0.042 557. 327. -12.1 0.0280 0.37 0.17 3.22 183.0 10.0 292.5 2.0 0
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17 6 24 175 12 147.6 0.334 1.336 0.040 582. 462. -22.6 0.0450 0.37 0.17 3.90 215.0 10.0 293.8 2.0 0
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17 6 24 175 13 148.6 0.285 1.346 0.038 590. 366. -14.0 0.0450 0.37 0.17 3.18 219.0 10.0 293.1 2.0 0
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17 6 24 175 14 141.5 0.363 1.329 0.037 597. 526. -30.5 0.0280 0.37 0.17 4.78 207.0 10.0 292.5 2.0 0

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17 6 24 175 15 102.3 0.384 1.196 0.035 602. 571. -49.8 0.0450 0.37 0.17 4.75 215.0 10.0 290.4 2.0 0
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17 6 24 175 16 101.6 0.267 1.197 0.034 607. 339. -16.8 0.0280 0.37 0.18 3.35 201.0 10.0 290.4 2.0 0
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17 6 24 175 17 74.1 0.308 1.079 0.033 611. 410. -35.4 0.0420 0.37 0.19 3.78 179.0 10.0 289.9 2.0 0
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17 6 24 175 18 7.9 0.239 0.513 0.033 611. 282. -154.1 0.0420 0.37 0.24 3.15 171.0 10.0 288.8 2.0 0
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17 6 24 175 19 -5.3 0.209 -9.000 -9.000 -999. 230. 155.7 0.0420 0.37 0.39 2.96 154.0 10.0 287.5 2.0 0
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17 6 24 175 20 -14.8 0.163 -9.000 -9.000 -999. 158. 29.2 0.0390 0.37 1.00 2.44 121.0 10.0 287.0 2.0 0
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17 6 24 175 21 -16.1 0.170 -9.000 -9.000 -999. 168. 31.7 0.0360 0.37 1.00 2.57 107.0 10.0 287.0 2.0 0
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17 6 24 175 22 -12.4 0.148 -9.000 -9.000 -999. 136. 24.0 0.0340 0.37 1.00 2.28 80.0 10.0 287.0 2.0 0
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17 6 24 175 23 -9.3 0.127 -9.000 -9.000 -999. 109. 19.9 0.0340 0.37 1.00 1.99 70.0 10.0 287.0 2.0 0
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17 6 24 175 24 -10.9 0.138 -9.000 -9.000 -999. 124. 21.8 0.0340 0.37 1.00 2.15 61.0 10.0 287.0 2.0 0
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17 6 25 176 1 -11.1 0.139 -9.000 -9.000 -999. 125. 21.9 0.0340 0.37 1.00 2.16 83.0 10.0 286.4 2.0 0
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17 6 25 176 2 -13.2 0.152 -9.000 -9.000 -999. 143. 25.6 0.0340 0.37 1.00 2.35 86.0 10.0 286.4 2.0 0
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17 6 25 176 3 -12.4 0.148 -9.000 -9.000 -999. 136. 24.0 0.0340 0.37 1.00 2.28 70.0 10.0 286.4 2.0 0
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17 6 25 176 4 -16.4 0.171 -9.000 -9.000 -999. 169. 32.0 0.0340 0.37 1.00 2.61 65.0 10.0 286.4 2.0 0
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17 6 25 176 6 -3.3 0.082 -9.000 -9.000 -999. 57. 15.1 0.0340 0.37 0.47 1.30 85.0 10.0 286.4 2.0 0
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17 6 25 176 7 4.7 0.088 -9.000 -9.000 -999. 63. -12.9 0.0420 0.37 0.27 0.99 167.0 10.0 287.0 2.0 0
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17 6 25 176 13 148.3 0.322 -9.000 -9.000 -999. 438. -20.3 0.0420 0.37 0.17 3.78 178.0 10.0 292.0 2.0 0
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17 6 25 176 14 142.0 0.306 -9.000 -9.000 -999. 407. -18.2 0.0420 0.37 0.17 3.56 173.0 10.0 294.2 2.0 0
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17 6 25 176 15 126.2 0.272 -9.000 -9.000 -999. 342. -14.4 0.0280 0.37 0.17 3.37 181.0 10.0 294.2 2.0 0
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17 6 25 176 17 71.9 0.276 -9.000 -9.000 -999. 349. -26.4 0.0420 0.37 0.19 3.32 162.0 10.0 292.0 2.0 0

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17 6 25 176 18 36.5 0.230 -9.000 -9.000 -999. 266. -30.2 0.0390 0.37 0.24 2.84 121.0 10.0 290.9 2.0 0
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17 6 25 176 19 0.4 0.219 -9.000 -9.000 -999. 246. -2152.7 0.0360 0.37 0.39 3.07 101.0 10.0 289.2 2.0 0
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17 6 25 176 20 -22.0 0.224 -9.000 -9.000 -999. 254. 55.1 0.0360 0.37 1.00 3.34 116.0 10.0 287.5 2.0 0
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17 6 25 176 21 -20.7 0.211 -9.000 -9.000 -999. 232. 48.7 0.0360 0.37 1.00 3.15 102.0 10.0 287.0 2.0 0
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17 6 25 176 22 -10.8 0.138 -9.000 -9.000 -999. 124. 21.8 0.0370 0.37 1.00 2.11 56.0 10.0 287.0 2.0 0
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17 6 25 176 23 -7.1 0.110 -9.000 -9.000 -999. 88. 17.2 0.0370 0.37 1.00 1.72 24.0 10.0 286.4 2.0 0
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17 6 25 176 24 -8.3 0.121 -9.000 -9.000 -999. 101. 19.1 0.0440 0.37 1.00 1.81 334.0 10.0 285.9 2.0 0
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17 6 26 177 7 24.2 0.100 0.707 0.015 525. 75. -3.7 0.0370 0.37 0.27 0.99 50.0 10.0 288.8 2.0 0
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17 6 26 177 8 60.6 0.116 1.077 0.038 744. 95. -2.3 0.0390 0.37 0.20 1.06 148.0 10.0 290.4 2.0 0
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17 6 26 177 9 93.4 0.181 1.272 0.037 795. 185. -5.7 0.0390 0.37 0.18 1.88 126.0 10.0 293.8 2.0 0
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17 6 26 177 10 119.7 0.215 1.394 0.036 816. 239. -7.5 0.0280 0.37 0.17 2.49 200.0 10.0 295.4 2.0 0
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17 6 26 177 11 138.3 0.347 1.476 0.035 840. 491. -27.3 0.0450 0.37 0.17 4.12 234.0 10.0 295.9 2.0 0
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17 6 26 177 12 148.1 0.311 1.532 0.034 877. 417. -18.3 0.0280 0.37 0.17 3.93 209.0 10.0 295.9 2.0 0
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17 6 26 177 13 149.5 0.320 1.561 0.033 918. 435. -19.8 0.0280 0.37 0.17 4.08 194.0 10.0 296.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
17 6 26 177 14 143.0 0.306 1.554 0.031 947. 406. -18.0 0.0280 0.37 0.17 3.86 189.0 10.0 297.5 2.0 0
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17 6 26 177 15 127.4 0.324 1.505 0.030 966. 442. -24.0 0.0420 0.37 0.17 3.86 171.0 10.0 298.1 2.0 0
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17 6 26 177 16 103.7 0.322 1.413 0.030 980. 439. -29.1 0.0420 0.37 0.18 3.90 167.0 10.0 297.5 2.0 0
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17 6 26 177 17 72.5 0.337 1.257 0.029 985. 469. -47.3 0.0360 0.37 0.19 4.34 116.0 10.0 294.2 2.0 0
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17 6 26 177 18 37.2 0.316 1.007 0.029 988. 426. -76.1 0.0360 0.37 0.24 4.17 107.0 10.0 293.1 2.0 0
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17 6 26 177 19 0.9 0.303 0.290 0.029 987. 401. -2839.0 0.0360 0.37 0.38 4.26 95.0 10.0 290.9 2.0 0
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17 6 27 178 12 147.6 0.368 1.409 0.028 683. 536. -30.5 0.0450 0.37 0.17 4.41 214.0 10.0 294.2 2.0 0
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17 6 27 178 13 149.1 0.330 1.437 0.027 717. 457. -21.8 0.0280 0.37 0.17 4.24 209.0 10.0 294.9 2.0 0
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17 6 27 178 14 142.5 0.289 1.465 0.028 795. 373. -15.2 0.0280 0.37 0.17 3.59 198.0 10.0 295.9 2.0 0
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17 6 27 178 15 126.6 0.299 1.462 0.029 888. 392. -19.0 0.0420 0.37 0.17 3.49 165.0 10.0 295.4 2.0 0
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17 6 27 178 17 72.5 0.329 1.247 0.028 961. 452. -44.0 0.0360 0.37 0.19 4.22 106.0 10.0 293.8 2.0 0
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0.00 93. 1009. 10 ADJ-A1 NoSubs
17 6 28 179 10 28.4 0.129 0.714 0.033 460. 111. -6.7 0.0390 0.37 0.17 1.37 127.0 10.0 288.8 2.0 0
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17 6 28 179 11 33.8 0.171 0.792 0.035 529. 170. -13.3 0.0280 0.37 0.17 2.10 183.0 10.0 292.0 2.0 0
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17 6 28 179 12 147.0 0.309 1.382 0.035 646. 413. -18.1 0.0450 0.37 0.17 3.54 217.0 10.0 292.0 2.0 0
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17 6 28 179 13 148.6 0.315 1.404 0.033 671. 425. -19.0 0.0280 0.37 0.17 4.00 204.0 10.0 293.1 2.0 0
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17 6 28 179 14 141.7 0.300 1.396 0.032 691. 395. -17.1 0.0280 0.37 0.17 3.77 190.0 10.0 293.1 2.0 0
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17 6 28 179 15 126.1 0.308 1.353 0.030 707. 411. -20.9 0.0420 0.37 0.17 3.63 169.0 10.0 293.1 2.0 0
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17 6 28 179 16 102.4 0.301 1.270 0.029 720. 397. -24.0 0.0420 0.37 0.18 3.59 152.0 10.0 292.5 2.0 0
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17 6 28 179 17 72.2 0.298 1.136 0.029 729. 390. -32.8 0.0390 0.37 0.19 3.69 138.0 10.0 292.5 2.0 0
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17 6 28 179 19 0.5 0.304 0.220 0.029 732. 402. -4833.8 0.0360 0.37 0.38 4.27 113.0 10.0 288.8 2.0 0
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17 6 28 179 20 -24.9 0.253 -9.000 -9.000 -999. 307. 70.6 0.0360 0.37 1.00 3.76 119.0 10.0 286.4 2.0 0
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17 6 28 179 21 -18.6 0.189 -9.000 -9.000 -999. 198. 39.2 0.0360 0.37 1.00 2.84 93.0 10.0 286.4 2.0 0
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17 6 28 179 22 -17.2 0.176 -9.000 -9.000 -999. 177. 33.9 0.0370 0.37 1.00 2.64 58.0 10.0 286.4 2.0 0
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17 6 28 179 23 -16.1 0.169 -9.000 -9.000 -999. 167. 31.5 0.0340 0.37 1.00 2.59 69.0 10.0 286.4 2.0 0
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17 6 28 179 24 -10.2 0.134 -9.000 -9.000 -999. 117. 21.1 0.0370 0.37 1.00 2.05 53.0 10.0 286.4 2.0 0
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17 6 29 180 1 -9.6 0.129 -9.000 -9.000 -999. 112. 20.4 0.0370 0.37 1.00 1.99 51.0 10.0 286.4 2.0 0
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17 6 29 180 2 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0370 0.37 1.00 1.47 15.0 10.0 285.9 2.0 0

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17 6 29 180 3 -2.6 0.070 -9.000 -9.000 -999. 44. 11.7 0.0370 0.37 1.00 1.01 37.0 10.0 285.9 2.0 0
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17 6 29 180 6 -5.5 0.107 -9.000 -9.000 -999. 84. 20.0 0.0440 0.37 0.48 1.60 359.0 10.0 285.9 2.0 0
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17 6 29 180 7 4.4 0.117 0.416 0.039 582. 96. -32.7 0.0370 0.37 0.27 1.47 17.0 10.0 286.4 2.0 0
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17 6 29 180 8 13.5 0.124 0.602 0.039 584. 104. -12.6 0.0320 0.37 0.20 1.47 283.0 10.0 286.4 2.0 0
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17 6 29 180 11 33.5 0.203 0.822 0.038 598. 219. -22.4 0.0390 0.37 0.17 2.44 147.0 10.0 290.9 2.0 0
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17 6 29 180 12 147.1 0.281 1.364 0.036 623. 357. -13.5 0.0420 0.37 0.17 3.17 161.0 10.0 292.5 2.0 0
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17 6 29 180 13 148.4 0.317 1.383 0.034 642. 429. -19.4 0.0420 0.37 0.17 3.71 163.0 10.0 292.5 2.0 0
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17 6 29 180 14 141.9 0.295 1.371 0.033 654. 384. -16.2 0.0420 0.37 0.17 3.39 161.0 10.0 293.8 2.0 0
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17 6 29 180 15 126.2 0.293 1.325 0.031 664. 380. -17.9 0.0420 0.37 0.17 3.40 165.0 10.0 293.8 2.0 0
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17 6 29 180 16 102.7 0.319 1.242 0.030 673. 432. -28.4 0.0420 0.37 0.18 3.85 161.0 10.0 293.8 2.0 0
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17 6 29 180 17 72.3 0.320 1.108 0.029 678. 434. -40.7 0.0390 0.37 0.19 4.02 136.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 6 29 180 18 36.8 0.312 0.886 0.029 681. 418. -74.0 0.0390 0.37 0.24 4.05 125.0 10.0 290.9 2.0 0
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17 6 29 180 19 0.6 0.297 0.219 0.029 680. 389. -4252.8 0.0390 0.37 0.38 4.12 122.0 10.0 288.8 2.0 0
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17 6 29 180 20 -22.6 0.229 -9.000 -9.000 -999. 266. 57.9 0.0360 0.37 1.00 3.42 98.0 10.0 287.0 2.0 0
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17 6 29 180 21 -23.8 0.242 -9.000 -9.000 -999. 285. 64.2 0.0340 0.37 1.00 3.63 64.0 10.0 286.4 2.0 0
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17 6 29 180 23 -15.5 0.166 -9.000 -9.000 -999. 162. 30.2 0.0340 0.37 1.00 2.54 66.0 10.0 285.9 2.0 0
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17 6 30 181 1 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0370 0.37 1.00 1.42 2.0 10.0 286.4 2.0 0
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17 6 30 181 3 -12.1 0.145 -9.000 -9.000 -999. 133. 23.3 0.0340 0.37 1.00 2.25 68.0 10.0 285.9 2.0 0
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17 6 30 181 5 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0370 0.37 1.00 1.47 14.0 10.0 285.9 2.0 0

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17 6 30 181 8 13.4 0.116 0.460 0.018 260. 95. -10.4 0.0320 0.37 0.20 1.35 280.0 10.0 286.4 2.0 0
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17 6 30 181 9 21.8 0.120 0.587 0.021 335. 100. -7.2 0.0360 0.37 0.18 1.31 254.0 10.0 288.1 2.0 0
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17 6 30 181 10 28.5 0.165 0.689 0.027 413. 160. -14.1 0.0450 0.37 0.17 1.84 210.0 10.0 289.2 2.0 0
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17 6 30 181 11 132.3 0.259 1.329 0.032 639. 316. -11.8 0.0420 0.37 0.17 2.88 159.0 10.0 291.4 2.0 0
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17 6 30 181 13 148.3 0.340 1.399 0.029 666. 475. -23.9 0.0420 0.37 0.17 4.05 173.0 10.0 292.0 2.0 0
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17 6 30 181 14 141.9 0.312 1.386 0.027 676. 418. -19.2 0.0420 0.37 0.17 3.64 154.0 10.0 293.8 2.0 0
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17 6 30 181 15 126.3 0.279 1.338 0.026 684. 355. -15.5 0.0390 0.37 0.17 3.25 142.0 10.0 293.8 2.0 0
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17 6 30 181 16 103.1 0.282 1.255 0.025 691. 359. -19.5 0.0390 0.37 0.18 3.35 135.0 10.0 294.9 2.0 0
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17 6 30 181 17 72.6 0.320 1.120 0.024 695. 434. -40.5 0.0390 0.37 0.19 4.02 133.0 10.0 293.8 2.0 0
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17 6 30 181 18 37.1 0.280 0.897 0.024 698. 356. -52.9 0.0390 0.37 0.24 3.57 126.0 10.0 292.0 2.0 0
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17 6 30 181 19 0.8 0.294 0.251 0.024 698. 383. -2822.7 0.0390 0.37 0.38 4.07 141.0 10.0 289.9 2.0 0
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17 6 30 181 20 -23.9 0.244 -9.000 -9.000 -999. 291. 65.6 0.0360 0.37 1.00 3.63 98.0 10.0 288.1 2.0 0
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17 6 30 181 21 -21.8 0.221 -9.000 -9.000 -999. 250. 53.9 0.0340 0.37 1.00 3.34 68.0 10.0 286.4 2.0 0
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17 6 30 181 22 -18.5 0.188 -9.000 -9.000 -999. 195. 38.7 0.0370 0.37 1.00 2.81 54.0 10.0 285.9 2.0 0
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17 6 30 181 23 -13.8 0.156 -9.000 -9.000 -999. 148. 26.9 0.0370 0.37 1.00 2.37 42.0 10.0 285.4 2.0 0
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17 7 1 182 1 -9.0 0.125 -9.000 -9.000 -999. 106. 19.6 0.0370 0.37 1.00 1.93 47.0 10.0 285.9 2.0 0
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17 7 1 182 7 4.3 0.107 0.286 0.005 195. 84. -25.2 0.0320 0.37 0.27 1.35 298.0 10.0 286.4 2.0 0
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17 7 1 182 10 28.2 0.145 0.773 0.039 589. 132. -9.6 0.0280 0.37 0.17 1.72 180.0 10.0 288.1 2.0 0
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17 7 1 182 11 33.3 0.224 0.844 0.039 648. 254. -30.3 0.0420 0.37 0.17 2.72 158.0 10.0 290.4 2.0 0
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17 7 1 182 12 119.0 0.285 1.308 0.038 677. 365. -17.5 0.0420 0.37 0.17 3.30 158.0 10.0 291.4 2.0 0
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17 7 1 182 13 148.6 0.327 1.432 0.036 711. 450. -21.2 0.0420 0.37 0.17 3.86 164.0 10.0 293.8 2.0 0
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17 7 1 182 14 141.6 0.329 1.436 0.035 752. 453. -22.6 0.0420 0.37 0.17 3.90 175.0 10.0 292.5 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
17 7 1 182 15 126.0 0.325 1.397 0.034 777. 445. -24.5 0.0420 0.37 0.17 3.88 158.0 10.0 292.5 2.0 0
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17 7 1 182 16 102.3 0.314 1.312 0.033 792. 422. -27.1 0.0420 0.37 0.18 3.78 160.0 10.0 292.0 2.0 0
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17 7 1 182 17 72.0 0.275 1.171 0.033 801. 347. -25.9 0.0420 0.37 0.19 3.30 155.0 10.0 290.9 2.0 0
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17 7 1 182 18 36.9 0.264 0.939 0.032 806. 326. -44.8 0.0390 0.37 0.24 3.34 144.0 10.0 290.9 2.0 0
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17 7 1 182 19 0.6 0.279 0.237 0.032 806. 353. -3306.8 0.0390 0.37 0.38 3.86 134.0 10.0 288.8 2.0 0
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17 7 1 182 20 -25.0 0.255 -9.000 -9.000 -999. 309. 71.4 0.0360 0.37 1.00 3.78 107.0 10.0 287.0 2.0 0
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17 7 1 182 22 -17.8 0.180 -9.000 -9.000 -999. 183. 35.5 0.0340 0.37 1.00 2.74 68.0 10.0 285.4 2.0 0
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17 7 2 183 4 -17.2 0.176 -9.000 -9.000 -999. 177. 34.0 0.0390 0.37 1.00 2.62 122.0 10.0 285.4 2.0 0
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17 7 2 183 7 4.1 0.187 0.265 0.029 164. 194. -144.6 0.0390 0.37 0.27 2.50 149.0 10.0 285.4 2.0 0
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0.00 100. 1010. 10 ADJ-A1 NoSubs
17 7 2 183 9 21.4 0.186 0.582 0.037 332. 193. -27.3 0.0390 0.37 0.18 2.28 139.0 10.0 286.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
17 7 2 183 10 28.1 0.185 0.657 0.038 363. 190. -20.2 0.0390 0.37 0.17 2.20 145.0 10.0 287.5 2.0 0
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0.00 69. 1010. 0 ADJ-A1 NoSubs
17 7 2 183 12 146.5 0.341 1.290 0.038 529. 477. -24.3 0.0280 0.37 0.17 4.41 188.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 Sub_CC
17 7 2 183 13 148.0 0.361 1.317 0.037 556. 521. -28.7 0.0280 0.37 0.17 4.73 197.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 7 2 183 14 141.0 0.371 1.308 0.035 572. 542. -32.6 0.0280 0.37 0.17 4.90 203.0 10.0 290.4 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
17 7 2 183 15 125.3 0.381 1.264 0.033 581. 565. -39.8 0.0450 0.37 0.17 4.65 222.0 10.0 289.9 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
17 7 2 183 16 99.7 0.362 1.176 0.032 588. 524. -42.9 0.0450 0.37 0.18 4.44 227.0 10.0 289.2 2.0 0
0.00 77. 1010. 5 ADJ-A1 NoSubs
17 7 2 183 17 71.9 0.331 1.058 0.031 593. 457. -45.4 0.0450 0.37 0.19 4.07 224.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
17 7 2 183 18 39.4 0.304 0.867 0.031 595. 402. -64.1 0.0450 0.37 0.24 3.81 227.0 10.0 287.5 2.0 0
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17 7 3 184 1 -7.9 0.115 -9.000 -9.000 -999. 94. 17.6 0.0280 0.37 1.00 1.88 201.0 10.0 285.9 2.0 0
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17 7 3 184 2 -9.0 0.124 -9.000 -9.000 -999. 105. 19.1 0.0280 0.37 1.00 2.01 201.0 10.0 285.9 2.0 0
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17 7 3 184 3 -11.5 0.143 -9.000 -9.000 -999. 129. 22.8 0.0420 0.37 1.00 2.13 175.0 10.0 285.4 2.0 0
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17 7 3 184 4 -7.3 0.112 -9.000 -9.000 -999. 91. 17.7 0.0420 0.37 1.00 1.71 172.0 10.0 285.4 2.0 0
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17 7 3 184 5 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0280 0.37 1.00 1.57 192.0 10.0 285.4 2.0 0
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17 7 3 184 6 -4.6 0.097 -9.000 -9.000 -999. 72. 17.5 0.0420 0.37 0.49 1.47 177.0 10.0 285.4 2.0 0
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17 7 3 184 7 4.0 0.095 0.281 0.034 198. 70. -19.3 0.0280 0.37 0.27 1.21 181.0 10.0 285.4 2.0 0
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17 7 3 184 8 13.2 0.150 0.441 0.036 234. 140. -23.3 0.0280 0.37 0.20 1.94 187.0 10.0 285.9 2.0 0
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17 7 3 184 9 21.5 0.154 0.554 0.038 285. 145. -15.4 0.0450 0.37 0.18 1.74 226.0 10.0 287.5 2.0 0
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17 7 3 184 10 119.9 0.281 1.123 0.038 427. 357. -16.7 0.0280 0.37 0.17 3.52 193.0 10.0 290.9 2.0 0
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17 7 3 184 11 136.7 0.302 1.206 0.036 464. 398. -18.1 0.0280 0.37 0.17 3.81 194.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
17 7 3 184 12 146.7 0.393 1.259 0.025 492. 592. -37.5 0.0450 0.37 0.17 4.78 221.0 10.0 292.0 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
17 7 3 184 13 148.1 0.456 1.292 0.007 527. 739. -57.9 0.0450 0.37 0.17 5.69 232.0 10.0 292.0 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
17 7 3 184 14 141.5 0.439 1.299 0.010 560. 700. -54.1 0.0450 0.37 0.17 5.46 223.0 10.0 292.5 2.0 0

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17 7 3 184 15 126.0 0.432 1.259 0.011 572. 682. -57.8 0.0450 0.37 0.17 5.39 229.0 10.0 292.5 2.0 0
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17 7 3 184 16 102.4 0.361 1.182 0.026 581. 525. -41.5 0.0450 0.37 0.18 4.42 231.0 10.0 292.0 2.0 0
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17 7 3 184 17 71.9 0.374 1.054 0.025 588. 549. -65.7 0.0450 0.37 0.19 4.70 230.0 10.0 290.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
17 7 3 184 18 39.8 0.337 0.867 0.025 590. 470. -86.7 0.0450 0.37 0.24 4.29 233.0 10.0 288.8 2.0 0
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17 7 3 184 19 -6.1 0.257 -9.000 -9.000 -999. 316. 251.3 0.0450 0.37 0.38 3.56 230.0 10.0 287.5 2.0 0
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17 7 3 184 20 -15.5 0.168 -9.000 -9.000 -999. 168. 30.9 0.0450 0.37 1.00 2.44 234.0 10.0 287.5 2.0 0
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17 7 3 184 21 -11.7 0.145 -9.000 -9.000 -999. 132. 23.4 0.0450 0.37 1.00 2.13 234.0 10.0 287.0 2.0 0
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17 7 3 184 22 -3.5 0.078 -9.000 -9.000 -999. 54. 12.4 0.0360 0.37 1.00 1.21 255.0 10.0 287.0 2.0 0
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17 7 3 184 23 -8.1 0.120 -9.000 -9.000 -999. 99. 19.0 0.0450 0.37 1.00 1.79 212.0 10.0 287.0 2.0 0
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17 7 3 184 24 -6.4 0.106 -9.000 -9.000 -999. 83. 16.8 0.0450 0.37 1.00 1.60 222.0 10.0 287.0 2.0 0
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17 7 4 185 1 -4.0 0.083 -9.000 -9.000 -999. 57. 12.6 0.0280 0.37 1.00 1.35 191.0 10.0 287.0 2.0 0
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17 7 4 185 2 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0280 0.37 1.00 1.69 208.0 10.0 286.4 2.0 0
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17 7 4 185 3 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0280 0.37 1.00 1.50 183.0 10.0 286.4 2.0 0
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17 7 4 185 4 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0280 0.37 1.00 1.60 198.0 10.0 286.4 2.0 0
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17 7 4 185 5 -6.9 0.108 -9.000 -9.000 -999. 85. 16.4 0.0280 0.37 1.00 1.76 201.0 10.0 285.9 2.0 0
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17 7 4 185 6 -4.7 0.096 -9.000 -9.000 -999. 72. 16.9 0.0280 0.37 0.49 1.57 195.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 4 185 7 4.1 0.106 0.289 0.033 209. 83. -25.7 0.0360 0.37 0.28 1.31 262.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 4 185 8 13.3 0.128 0.458 0.034 259. 110. -14.4 0.0280 0.37 0.20 1.59 189.0 10.0 287.0 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
17 7 4 185 9 21.7 0.124 0.581 0.035 326. 104. -7.8 0.0320 0.37 0.18 1.40 273.0 10.0 288.8 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
17 7 4 185 10 118.1 0.256 1.150 0.035 465. 311. -12.9 0.0420 0.37 0.17 2.88 179.0 10.0 290.4 2.0 0
0.00 80. 1012. 4 ADJ-A1 NoSubs
17 7 4 185 11 138.4 0.319 1.241 0.032 499. 433. -21.2 0.0280 0.37 0.17 4.09 205.0 10.0 290.9 2.0 0
0.00 77. 1011. 2 ADJ-A1 NoSubs
17 7 4 185 12 146.6 0.333 1.294 0.030 533. 462. -22.8 0.0280 0.37 0.17 4.29 209.0 10.0 292.0 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
17 7 4 185 13 148.3 0.301 1.315 0.028 554. 396. -16.5 0.0450 0.37 0.17 3.41 234.0 10.0 293.1 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
17 7 4 185 14 141.8 0.336 1.303 0.026 563. 467. -24.1 0.0450 0.37 0.17 3.95 224.0 10.0 293.8 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
17 7 4 185 15 126.2 0.375 1.260 0.024 571. 551. -37.7 0.0450 0.37 0.17 4.56 231.0 10.0 293.8 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
17 7 4 185 16 102.2 0.348 1.178 0.023 577. 493. -37.0 0.0450 0.37 0.18 4.22 233.0 10.0 291.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
17 7 4 185 17 71.9 0.353 1.050 0.022 581. 503. -55.1 0.0450 0.37 0.19 4.39 228.0 10.0 290.4 2.0 0

0.00 77. 1010. 0 ADJ-A1 NoSubs
17 7 4 185 18 36.4 0.297 0.838 0.021 583. 390. -64.9 0.0450 0.37 0.24 3.73 210.0 10.0 288.8 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
17 7 4 185 19 5.1 0.228 0.436 0.021 583. 264. -209.8 0.0280 0.37 0.38 3.27 201.0 10.0 287.5 2.0 0
0.00 93. 1010. 7 ADJ-A1 NoSubs
17 7 4 185 20 -13.6 0.154 -9.000 -9.000 -999. 147. 26.1 0.0280 0.37 1.00 2.45 194.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 7 4 185 21 -12.6 0.150 -9.000 -9.000 -999. 139. 24.8 0.0420 0.37 1.00 2.23 162.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 4 185 22 -5.7 0.099 -9.000 -9.000 -999. 76. 15.5 0.0390 0.37 1.00 1.54 128.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 4 185 23 -8.3 0.120 -9.000 -9.000 -999. 100. 18.9 0.0390 0.37 1.00 1.84 121.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 4 185 24 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0360 0.37 1.00 1.62 93.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 5 186 1 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.37 1.00 1.25 51.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 7 5 186 2 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0370 0.37 1.00 1.39 40.0 10.0 285.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 Sub_CC
17 7 5 186 3 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0340 0.37 1.00 1.08 84.0 10.0 285.9 2.0 0
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17 7 5 186 4 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0340 0.37 1.00 1.53 79.0 10.0 285.9 2.0 0
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17 7 5 186 5 -3.8 0.082 -9.000 -9.000 -999. 56. 12.8 0.0370 0.37 1.00 1.26 39.0 10.0 285.4 2.0 0
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17 7 5 186 6 -2.4 0.069 -9.000 -9.000 -999. 44. 12.5 0.0370 0.37 0.50 1.06 57.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 5 186 7 4.1 0.100 0.292 0.023 218. 76. -22.3 0.0360 0.37 0.28 1.23 261.0 10.0 286.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 5 186 8 13.3 0.113 0.470 0.029 280. 91. -9.8 0.0320 0.37 0.20 1.31 278.0 10.0 287.5 2.0 0
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17 7 5 186 9 93.5 0.132 1.077 0.034 482. 116. -2.2 0.0320 0.37 0.18 1.26 279.0 10.0 289.9 2.0 0
0.00 83. 1011. 3 ADJ-A1 NoSubs
17 7 5 186 10 117.8 0.233 1.193 0.033 520. 270. -9.7 0.0450 0.37 0.17 2.50 214.0 10.0 292.5 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
17 7 5 186 11 136.8 0.284 1.279 0.031 551. 364. -15.2 0.0450 0.37 0.17 3.20 237.0 10.0 293.8 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
17 7 5 186 12 146.9 0.359 1.332 0.030 581. 515. -28.3 0.0450 0.37 0.17 4.27 219.0 10.0 293.8 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
17 7 5 186 13 149.2 0.273 1.362 0.029 611. 345. -12.2 0.0280 0.37 0.17 3.32 191.0 10.0 296.4 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
17 7 5 186 14 142.4 0.345 1.359 0.027 637. 486. -26.0 0.0420 0.37 0.17 4.14 177.0 10.0 295.9 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
17 7 5 186 15 126.8 0.293 1.322 0.026 658. 382. -17.9 0.0420 0.37 0.17 3.40 173.0 10.0 295.9 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
17 7 5 186 16 102.6 0.345 1.238 0.025 667. 486. -36.1 0.0420 0.37 0.18 4.24 154.0 10.0 293.1 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
17 7 5 186 17 72.4 0.324 1.105 0.025 673. 444. -42.5 0.0420 0.37 0.19 4.03 150.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 7 5 186 18 36.9 0.267 0.885 0.024 676. 333. -46.6 0.0390 0.37 0.24 3.39 148.0 10.0 291.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
17 7 5 186 19 0.7 0.260 0.237 0.024 675. 319. -2252.5 0.0390 0.37 0.38 3.60 141.0 10.0 289.8 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
17 7 5 186 20 -19.8 0.202 -9.000 -9.000 -999. 218. 44.7 0.0390 0.37 1.00 2.98 132.0 10.0 288.1 2.0 0

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17 7 5 186 21 -12.6 0.149 -9.000 -9.000 -999. 139. 24.5 0.0390 0.37 1.00 2.25 120.0 10.0 287.5 2.0 0
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17 7 5 186 22 -7.2 0.112 -9.000 -9.000 -999. 90. 17.5 0.0390 0.37 1.00 1.72 147.0 10.0 287.0 2.0 0
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17 7 5 186 23 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0450 0.37 1.00 1.18 229.0 10.0 286.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
17 7 5 186 24 -2.4 0.068 -9.000 -9.000 -999. 42. 11.7 0.0360 0.37 1.00 0.96 249.0 10.0 286.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
17 7 6 187 1 -2.6 0.069 -9.000 -9.000 -999. 44. 11.5 0.0320 0.37 1.00 1.03 291.0 10.0 285.4 2.0 0
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17 7 6 187 2 -2.5 0.069 -9.000 -9.000 -999. 43. 11.5 0.0320 0.37 1.00 1.01 289.0 10.0 285.4 2.0 0
0.00 100. 1011. 0 ADJ-A1 Sub_CC
17 7 6 187 3 -1.7 0.062 -9.000 -9.000 -999. 37. 12.6 0.0380 0.37 1.00 0.75 319.0 10.0 285.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 7 6 187 4 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.37 1.00 1.28 266.0 10.0 285.4 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
17 7 6 187 5 -3.6 0.078 -9.000 -9.000 -999. 52. 12.0 0.0280 0.37 1.00 1.26 203.0 10.0 284.2 2.0 0
0.00 100. 1012. 3 ADJ-A1 NoSubs
17 7 6 187 6 -2.7 0.073 -9.000 -9.000 -999. 47. 13.2 0.0450 0.37 0.50 1.09 217.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 6 187 7 24.8 0.108 0.506 0.036 188. 85. -4.6 0.0280 0.37 0.28 1.18 195.0 10.0 285.9 2.0 0
0.00 100. 1012. 3 ADJ-A1 NoSubs
17 7 6 187 8 58.6 0.159 0.793 0.040 308. 152. -6.2 0.0420 0.37 0.20 1.64 153.0 10.0 290.4 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
17 7 6 187 9 91.6 0.221 0.945 0.037 333. 249. -10.6 0.0390 0.37 0.18 2.47 145.0 10.0 293.1 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
17 7 6 187 10 118.6 0.213 1.061 0.035 364. 236. -7.4 0.0420 0.37 0.17 2.25 154.0 10.0 295.9 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
17 7 6 187 11 137.5 0.273 1.147 0.032 396. 342. -13.4 0.0420 0.37 0.17 3.08 167.0 10.0 296.4 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
17 7 6 187 12 147.6 0.320 1.191 0.026 414. 434. -20.0 0.0420 0.37 0.17 3.75 173.0 10.0 296.4 2.0 0
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17 7 6 187 13 149.3 0.338 1.212 0.020 430. 472. -23.3 0.0420 0.37 0.17 4.02 170.0 10.0 297.0 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
17 7 6 187 14 142.7 0.330 1.207 0.022 445. 456. -22.8 0.0420 0.37 0.17 3.92 159.0 10.0 297.0 2.0 0
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17 7 6 187 15 126.3 0.361 1.170 0.017 457. 520. -33.5 0.0420 0.37 0.17 4.41 158.0 10.0 294.2 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
17 7 6 187 16 102.6 0.373 1.103 0.016 472. 547. -45.8 0.0420 0.37 0.18 4.66 165.0 10.0 293.1 2.0 0
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17 7 6 187 17 72.2 0.326 0.989 0.019 483. 448. -43.1 0.0420 0.37 0.19 4.05 153.0 10.0 292.0 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
17 7 6 187 18 36.9 0.261 0.794 0.018 488. 322. -43.6 0.0390 0.37 0.24 3.30 144.0 10.0 291.4 2.0 0
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17 7 6 187 19 0.5 0.287 0.192 0.018 487. 369. -4055.2 0.0420 0.37 0.38 3.92 163.0 10.0 289.2 2.0 0
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17 7 6 187 20 -13.2 0.154 -9.000 -9.000 -999. 156. 26.0 0.0420 0.37 1.00 2.28 166.0 10.0 288.1 2.0 0
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17 7 6 187 21 -3.5 0.078 -9.000 -9.000 -999. 55. 12.0 0.0280 0.37 1.00 1.26 199.0 10.0 287.0 2.0 0
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17 7 6 187 22 -5.6 0.097 -9.000 -9.000 -999. 72. 14.7 0.0280 0.37 1.00 1.59 181.0 10.0 287.0 2.0 0
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17 7 6 187 23 -3.9 0.082 -9.000 -9.000 -999. 57. 12.7 0.0320 0.37 1.00 1.31 289.0 10.0 287.5 2.0 0

0.00 89. 1011. 0 ADJ-A1 NoSubs
17 7 6 187 24 -1.9 0.065 -9.000 -9.000 -999. 39. 12.6 0.0450 0.37 1.00 0.79 238.0 10.0 286.4 2.0 0
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17 7 7 188 1 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0360 0.37 1.00 1.09 257.0 10.0 287.0 2.0 0
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17 7 7 188 2 -2.1 0.065 -9.000 -9.000 -999. 40. 12.0 0.0380 0.37 1.00 0.86 312.0 10.0 286.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
17 7 7 188 3 -2.1 0.064 -9.000 -9.000 -999. 39. 11.4 0.0280 0.37 1.00 0.89 196.0 10.0 285.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 7 7 188 4 -2.9 0.073 -9.000 -9.000 -999. 47. 12.2 0.0440 0.37 1.00 1.04 334.0 10.0 285.9 2.0 0
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17 7 7 188 5 -2.7 0.071 -9.000 -9.000 -999. 45. 12.1 0.0440 0.37 1.00 0.99 332.0 10.0 285.4 2.0 0
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17 7 7 188 6 -2.1 0.067 -9.000 -9.000 -999. 42. 12.8 0.0380 0.37 0.50 1.03 303.0 10.0 287.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
17 7 7 188 7 21.9 0.107 0.393 0.034 100. 84. -5.0 0.0280 0.37 0.28 1.18 192.0 10.0 289.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
17 7 7 188 8 58.9 0.156 0.676 0.034 189. 147. -5.8 0.0390 0.37 0.20 1.62 129.0 10.0 292.5 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
17 7 7 188 9 92.3 0.142 0.862 0.032 250. 128. -2.8 0.0390 0.37 0.18 1.33 120.0 10.0 296.4 2.0 0
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17 7 7 188 10 119.3 0.210 0.988 0.029 291. 230. -7.0 0.0420 0.37 0.17 2.20 157.0 10.0 298.8 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
17 7 7 188 11 138.6 0.253 1.069 0.026 318. 306. -10.6 0.0420 0.37 0.17 2.79 159.0 10.0 300.4 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
17 7 7 188 12 149.0 0.304 1.125 0.019 344. 402. -17.0 0.0420 0.37 0.17 3.51 162.0 10.0 300.9 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
17 7 7 188 13 150.8 0.343 1.156 0.016 369. 482. -24.1 0.0420 0.37 0.17 4.09 168.0 10.0 301.4 2.0 0
0.00 39. 1009. 0 ADJ-A1 NoSubs
17 7 7 188 14 143.3 0.383 1.215 0.013 450. 569. -35.3 0.0420 0.37 0.17 4.70 163.0 10.0 299.2 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
17 7 7 188 15 127.3 0.333 1.188 0.016 474. 463. -26.1 0.0420 0.37 0.17 4.00 155.0 10.0 297.5 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
17 7 7 188 16 103.3 0.322 1.123 0.015 492. 439. -29.1 0.0420 0.37 0.18 3.90 166.0 10.0 295.9 2.0 0
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17 7 7 188 17 73.2 0.306 1.018 0.014 518. 407. -35.3 0.0420 0.37 0.19 3.76 170.0 10.0 295.9 2.0 0
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17 7 7 188 18 37.7 0.248 0.823 0.014 531. 298. -36.3 0.0420 0.37 0.24 3.05 169.0 10.0 294.9 2.0 0
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17 7 7 188 19 0.9 0.242 0.240 0.014 526. 285. -1350.1 0.0420 0.37 0.38 3.29 173.0 10.0 291.4 2.0 0
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17 7 7 188 20 -16.1 0.168 -9.000 -9.000 -999. 167. 31.1 0.0280 0.37 1.00 2.66 184.0 10.0 288.1 2.0 0
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17 7 7 188 21 -6.2 0.104 -9.000 -9.000 -999. 82. 16.5 0.0450 0.37 1.00 1.57 235.0 10.0 288.8 2.0 0
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17 7 7 188 22 -1.9 0.065 -9.000 -9.000 -999. 40. 12.5 0.0440 0.37 1.00 0.80 330.0 10.0 288.1 2.0 0
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17 7 7 188 23 -2.3 0.066 -9.000 -9.000 -999. 41. 11.5 0.0320 0.37 1.00 0.94 294.0 10.0 288.1 2.0 0
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17 7 7 188 24 -3.1 0.074 -9.000 -9.000 -999. 48. 11.6 0.0280 0.37 1.00 1.18 208.0 10.0 287.0 2.0 0
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17 7 8 189 1 -3.3 0.077 -9.000 -9.000 -999. 52. 12.6 0.0450 0.37 1.00 1.13 226.0 10.0 286.4 2.0 0
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17 7 8 189 2 -1.9 0.065 -9.000 -9.000 -999. 39. 12.6 0.0450 0.37 1.00 0.79 237.0 10.0 285.9 2.0 0

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17 7 8 189 3 -2.8 0.072 -9.000 -9.000 -999. 46. 11.6 0.0320 0.37 1.00 1.09 275.0 10.0 286.4 2.0 0
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17 7 8 189 4 -1.9 0.063 -9.000 -9.000 -999. 38. 12.2 0.0360 0.37 1.00 0.80 261.0 10.0 286.4 2.0 0
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17 7 8 189 5 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.37 1.00 1.03 314.0 10.0 285.9 2.0 0
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17 7 8 189 6 -1.6 0.060 -9.000 -9.000 -999. 35. 11.8 0.0360 0.37 0.51 0.89 244.0 10.0 286.4 2.0 0
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17 7 8 189 7 21.6 0.104 0.384 0.033 94. 81. -4.7 0.0420 0.37 0.28 1.04 155.0 10.0 289.9 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
17 7 8 189 8 58.8 0.132 0.646 0.030 165. 115. -3.5 0.0390 0.37 0.20 1.28 144.0 10.0 293.1 2.0 0
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17 7 8 189 9 91.8 0.176 0.804 0.026 204. 177. -5.3 0.0390 0.37 0.18 1.81 143.0 10.0 295.4 2.0 0
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17 7 8 189 10 119.1 0.225 0.951 0.021 259. 256. -8.6 0.0420 0.37 0.17 2.42 156.0 10.0 298.8 2.0 0
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17 7 8 189 11 138.3 0.293 1.040 0.009 293. 380. -16.3 0.0420 0.37 0.17 3.37 155.0 10.0 299.9 2.0 0
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17 7 8 189 12 148.9 0.324 1.104 0.005 325. 443. -20.6 0.0420 0.37 0.17 3.81 169.0 10.0 300.9 2.0 0
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17 7 8 189 13 150.3 0.347 1.149 0.005 363. 490. -25.0 0.0420 0.37 0.17 4.15 158.0 10.0 300.4 2.0 0
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17 7 8 189 14 142.7 0.378 1.174 0.005 408. 558. -34.1 0.0420 0.37 0.17 4.63 159.0 10.0 297.5 2.0 0
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17 7 8 189 15 126.4 0.368 1.177 0.005 464. 535. -35.3 0.0420 0.37 0.17 4.51 158.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 7 8 189 16 102.5 0.368 1.141 0.005 520. 536. -43.7 0.0420 0.37 0.18 4.58 152.0 10.0 293.1 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
17 7 8 189 17 72.0 0.353 1.036 0.005 555. 503. -54.7 0.0390 0.37 0.19 4.51 148.0 10.0 291.4 2.0 0
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17 7 8 189 18 36.5 0.330 0.841 0.005 586. 455. -88.2 0.0390 0.37 0.24 4.32 143.0 10.0 290.4 2.0 0
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17 7 8 189 19 0.1 0.296 0.129 0.005 566. 386. -8888.0 0.0390 0.37 0.39 4.10 142.0 10.0 288.1 2.0 0
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17 7 8 189 20 -20.5 0.208 -9.000 -9.000 -999. 231. 47.6 0.0390 0.37 1.00 3.07 144.0 10.0 286.4 2.0 0
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17 7 8 189 21 -8.2 0.120 -9.000 -9.000 -999. 103. 19.0 0.0420 0.37 1.00 1.82 162.0 10.0 285.9 2.0 0
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17 7 8 189 22 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0360 0.37 1.00 1.11 247.0 10.0 285.9 2.0 0
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17 7 8 189 23 -2.9 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.37 1.00 1.09 261.0 10.0 285.9 2.0 0
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17 7 8 189 24 -3.7 0.081 -9.000 -9.000 -999. 56. 13.0 0.0450 0.37 1.00 1.21 238.0 10.0 285.4 2.0 0
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17 7 9 190 1 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0450 0.37 1.00 1.18 227.0 10.0 284.9 2.0 0
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17 7 9 190 2 -3.3 0.076 -9.000 -9.000 -999. 50. 11.7 0.0280 0.37 1.00 1.21 186.0 10.0 284.9 2.0 0
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17 7 9 190 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.3 0.0420 0.37 1.00 1.28 171.0 10.0 284.2 2.0 0
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17 7 9 190 4 -5.4 0.096 -9.000 -9.000 -999. 71. 14.7 0.0340 0.37 1.00 1.52 81.0 10.0 285.4 2.0 0
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17 7 9 190 5 -3.5 0.079 -9.000 -9.000 -999. 53. 12.4 0.0370 0.37 1.00 1.21 40.0 10.0 285.4 2.0 0

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17 7 9 190 7 3.6 0.077 0.172 0.033 51. 51. -11.4 0.0390 0.37 0.28 0.87 126.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 7 9 190 8 12.9 0.127 0.338 0.036 107. 108. -14.2 0.0450 0.37 0.20 1.42 212.0 10.0 286.4 2.0 0
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17 7 9 190 9 90.3 0.171 0.894 0.039 285. 170. -5.0 0.0420 0.37 0.18 1.72 156.0 10.0 290.4 2.0 0
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17 7 9 190 10 117.0 0.258 1.022 0.037 328. 315. -13.2 0.0280 0.37 0.17 3.17 183.0 10.0 292.0 2.0 0
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17 7 9 190 11 136.3 0.287 1.107 0.031 358. 369. -15.6 0.0420 0.37 0.17 3.29 175.0 10.0 293.8 2.0 0
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17 7 9 190 12 146.7 0.341 1.147 0.019 370. 478. -24.3 0.0420 0.37 0.17 4.07 168.0 10.0 294.2 2.0 0
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17 7 9 190 13 147.7 0.365 1.161 0.017 381. 529. -29.6 0.0420 0.37 0.17 4.42 171.0 10.0 292.0 2.0 0
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17 7 9 190 14 141.0 0.381 1.153 0.015 391. 565. -35.4 0.0420 0.37 0.17 4.68 177.0 10.0 291.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
17 7 9 190 15 125.2 0.351 1.119 0.018 403. 499. -30.9 0.0420 0.37 0.17 4.26 175.0 10.0 290.4 2.0 0
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17 7 9 190 16 101.5 0.337 1.059 0.019 421. 469. -33.8 0.0420 0.37 0.18 4.12 177.0 10.0 289.2 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
17 7 9 190 17 71.2 0.279 0.962 0.020 449. 355. -27.4 0.0280 0.37 0.19 3.64 184.0 10.0 288.1 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
17 7 9 190 18 39.0 0.260 0.795 0.019 463. 318. -40.5 0.0420 0.37 0.24 3.22 172.0 10.0 287.0 2.0 0
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17 7 9 190 19 -6.5 0.203 -9.000 -9.000 -999. 220. 116.2 0.0420 0.37 0.39 2.89 163.0 10.0 285.4 2.0 0
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17 7 9 190 20 -17.2 0.176 -9.000 -9.000 -999. 178. 34.1 0.0420 0.37 1.00 2.59 167.0 10.0 284.9 2.0 0
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17 7 9 190 21 -8.9 0.125 -9.000 -9.000 -999. 106. 19.6 0.0390 0.37 1.00 1.91 122.0 10.0 284.9 2.0 0
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17 7 9 190 22 -5.5 0.097 -9.000 -9.000 -999. 72. 14.9 0.0340 0.37 1.00 1.54 86.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 7 9 190 23 -4.4 0.086 -9.000 -9.000 -999. 61. 13.3 0.0340 0.37 1.00 1.37 70.0 10.0 285.4 2.0 0
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17 7 9 190 24 -3.8 0.081 -9.000 -9.000 -999. 56. 12.6 0.0340 0.37 1.00 1.28 74.0 10.0 284.9 2.0 0
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17 7 10 191 1 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0360 0.37 1.00 1.11 93.0 10.0 285.4 2.0 0
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17 7 10 191 2 -10.0 0.132 -9.000 -9.000 -999. 115. 20.8 0.0360 0.37 1.00 2.04 112.0 10.0 285.4 2.0 0
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17 7 10 191 3 -4.7 0.089 -9.000 -9.000 -999. 64. 13.7 0.0340 0.37 1.00 1.42 80.0 10.0 284.9 2.0 0
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17 7 10 191 4 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.37 1.00 1.25 33.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 7 10 191 5 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0370 0.37 1.00 1.16 47.0 10.0 285.4 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 7 10 191 6 -4.4 0.092 -9.000 -9.000 -999. 67. 15.9 0.0390 0.37 0.51 1.42 123.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 7 10 191 7 3.5 0.099 0.201 0.031 82. 75. -25.0 0.0390 0.37 0.28 1.21 127.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 7 10 191 8 12.7 0.129 0.379 0.037 153. 111. -15.2 0.0390 0.37 0.20 1.50 146.0 10.0 285.9 2.0 0

0.00 96. 1009. 10 ADJ-A1 NoSubs
17 7 10 191 9 88.5 0.158 0.929 0.044 326. 151. -4.0 0.0420 0.37 0.18 1.54 169.0 10.0 288.8 2.0 0
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17 7 10 191 10 116.6 0.235 1.047 0.042 354. 273. -10.0 0.0420 0.37 0.17 2.57 164.0 10.0 290.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
17 7 10 191 11 135.8 0.287 1.126 0.039 378. 369. -15.7 0.0420 0.37 0.17 3.29 158.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 7 10 191 12 146.3 0.312 1.178 0.034 402. 419. -18.7 0.0420 0.37 0.17 3.64 167.0 10.0 293.1 2.0 0
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17 7 10 191 13 147.9 0.301 1.205 0.033 425. 397. -16.6 0.0420 0.37 0.17 3.47 174.0 10.0 293.1 2.0 0
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17 7 10 191 14 141.3 0.342 1.219 0.029 461. 480. -25.5 0.0420 0.37 0.17 4.10 175.0 10.0 293.1 2.0 0
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17 7 10 191 15 126.0 0.310 1.198 0.028 491. 416. -21.3 0.0420 0.37 0.17 3.66 164.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
17 7 10 191 16 102.4 0.299 1.136 0.027 514. 393. -23.5 0.0420 0.37 0.18 3.56 160.0 10.0 293.1 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
17 7 10 191 17 71.7 0.328 1.014 0.026 522. 451. -44.3 0.0390 0.37 0.19 4.15 148.0 10.0 290.9 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
17 7 10 191 18 36.0 0.319 0.807 0.025 525. 433. -81.4 0.0390 0.37 0.24 4.17 148.0 10.0 288.8 2.0 0
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17 7 10 191 19 -8.4 0.285 -9.000 -9.000 -999. 366. 247.2 0.0390 0.37 0.39 4.05 144.0 10.0 286.4 2.0 0
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17 7 10 191 20 -22.7 0.231 -9.000 -9.000 -999. 267. 58.6 0.0390 0.37 1.00 3.39 124.0 10.0 285.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 7 10 191 21 -17.7 0.180 -9.000 -9.000 -999. 183. 35.5 0.0360 0.37 1.00 2.71 115.0 10.0 285.9 2.0 0
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17 7 10 191 22 -8.4 0.120 -9.000 -9.000 -999. 101. 18.7 0.0340 0.37 1.00 1.89 61.0 10.0 286.4 2.0 0
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17 7 10 191 23 -9.5 0.129 -9.000 -9.000 -999. 111. 20.2 0.0370 0.37 1.00 1.98 55.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 7 10 191 24 -6.2 0.103 -9.000 -9.000 -999. 80. 15.9 0.0340 0.37 1.00 1.64 65.0 10.0 285.9 2.0 0
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17 7 11 192 1 -4.4 0.087 -9.000 -9.000 -999. 61. 13.4 0.0360 0.37 1.00 1.36 101.0 10.0 285.4 2.0 0
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17 7 11 192 2 -4.0 0.083 -9.000 -9.000 -999. 57. 12.9 0.0340 0.37 1.00 1.31 62.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 7 11 192 3 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0360 0.37 1.00 0.91 107.0 10.0 285.4 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 7 11 192 4 -3.8 0.082 -9.000 -9.000 -999. 56. 12.8 0.0370 0.37 1.00 1.26 19.0 10.0 285.4 2.0 0
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17 7 11 192 5 -7.7 0.115 -9.000 -9.000 -999. 93. 17.8 0.0340 0.37 1.00 1.81 74.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 7 11 192 6 -2.5 0.070 -9.000 -9.000 -999. 45. 12.2 0.0340 0.37 0.52 1.09 76.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 7 11 192 7 3.4 0.144 0.217 0.027 108. 131. -79.6 0.0360 0.37 0.28 1.91 97.0 10.0 284.9 2.0 0
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17 7 11 192 8 12.6 0.137 0.456 0.040 270. 122. -18.4 0.0390 0.37 0.20 1.62 122.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 7 11 192 9 74.2 0.149 0.896 0.039 348. 138. -4.0 0.0420 0.37 0.18 1.45 172.0 10.0 287.5 2.0 0
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17 7 11 192 11 135.8 0.247 1.171 0.035 426. 295. -10.0 0.0420 0.37 0.17 2.71 157.0 10.0 293.1 2.0 0

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17 7 11 192 12 146.6 0.320 1.223 0.033 449. 435. -20.2 0.0420 0.37 0.17 3.76 172.0 10.0 294.9 2.0 0
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17 7 11 192 13 148.0 0.345 1.301 0.032 536. 487. -25.1 0.0280 0.37 0.17 4.48 187.0 10.0 293.8 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
17 7 11 192 14 141.7 0.308 1.321 0.030 585. 411. -18.5 0.0280 0.37 0.17 3.90 185.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 7 11 192 15 126.0 0.333 1.277 0.028 595. 462. -26.4 0.0280 0.37 0.17 4.34 189.0 10.0 294.2 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 7 11 192 16 102.5 0.326 1.197 0.027 602. 447. -30.5 0.0280 0.37 0.18 4.29 192.0 10.0 293.8 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 7 11 192 17 71.9 0.321 1.065 0.026 605. 436. -41.3 0.0420 0.37 0.19 3.98 167.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
17 7 11 192 18 36.0 0.281 0.847 0.026 606. 358. -55.2 0.0420 0.37 0.24 3.54 156.0 10.0 289.2 2.0 0
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17 7 11 192 19 -0.6 0.230 -9.000 -9.000 -999. 265. 1821.3 0.0420 0.37 0.39 3.15 157.0 10.0 287.0 2.0 0
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17 7 11 192 20 -19.4 0.197 -9.000 -9.000 -999. 209. 42.5 0.0390 0.37 1.00 2.91 143.0 10.0 286.4 2.0 0
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17 7 11 192 21 -21.0 0.213 -9.000 -9.000 -999. 235. 49.7 0.0360 0.37 1.00 3.18 112.0 10.0 285.9 2.0 0
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17 7 11 192 22 -17.4 0.176 -9.000 -9.000 -999. 178. 34.1 0.0360 0.37 1.00 2.66 96.0 10.0 285.9 2.0 0
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17 7 11 192 23 -9.0 0.125 -9.000 -9.000 -999. 107. 19.6 0.0370 0.37 1.00 1.93 35.0 10.0 285.4 2.0 0
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17 7 11 192 24 -5.3 0.096 -9.000 -9.000 -999. 71. 14.8 0.0370 0.37 1.00 1.50 11.0 10.0 285.4 2.0 0
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17 7 12 193 1 -3.9 0.083 -9.000 -9.000 -999. 58. 13.2 0.0440 0.37 1.00 1.25 359.0 10.0 284.9 2.0 0
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17 7 12 193 2 -2.7 0.072 -9.000 -9.000 -999. 46. 12.1 0.0440 0.37 1.00 1.01 347.0 10.0 285.4 2.0 0
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17 7 12 193 3 -4.0 0.084 -9.000 -9.000 -999. 58. 13.0 0.0370 0.37 1.00 1.30 58.0 10.0 285.4 2.0 0
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17 7 12 193 4 -6.8 0.108 -9.000 -9.000 -999. 86. 16.8 0.0370 0.37 1.00 1.69 48.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 7 12 193 5 -5.9 0.101 -9.000 -9.000 -999. 77. 15.5 0.0340 0.37 1.00 1.60 74.0 10.0 285.4 2.0 0
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17 7 12 193 6 -3.6 0.083 -9.000 -9.000 -999. 57. 14.2 0.0370 0.37 0.52 1.30 40.0 10.0 285.4 2.0 0
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17 7 12 193 7 3.5 0.138 0.195 0.026 76. 123. -67.4 0.0360 0.37 0.28 1.81 102.0 10.0 285.9 2.0 0
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17 7 12 193 8 12.7 0.116 0.416 0.031 203. 95. -11.1 0.0360 0.37 0.21 1.33 90.0 10.0 286.4 2.0 0
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17 7 12 193 9 74.4 0.159 0.933 0.033 393. 152. -4.9 0.0420 0.37 0.18 1.59 151.0 10.0 289.2 2.0 0
0.00 80. 1010. 7 ADJ-A1 NoSubs
17 7 12 193 10 116.0 0.247 1.138 0.032 458. 294. -11.7 0.0390 0.37 0.17 2.79 149.0 10.0 290.4 2.0 0
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17 7 12 193 11 135.3 0.287 1.219 0.031 483. 369. -15.7 0.0420 0.37 0.17 3.29 150.0 10.0 291.4 2.0 0
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17 7 12 193 12 145.8 0.335 1.265 0.029 501. 465. -23.2 0.0280 0.37 0.17 4.32 186.0 10.0 292.0 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
17 7 12 193 13 147.6 0.332 1.282 0.027 515. 459. -22.4 0.0280 0.37 0.17 4.27 198.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 7 12 193 14 140.9 0.348 1.273 0.025 528. 492. -26.8 0.0280 0.37 0.17 4.53 195.0 10.0 292.0 2.0 0

0.00 67. 1010. 0 ADJ-A1 NoSubs
17 7 12 193 15 125.3 0.352 1.233 0.023 539. 500. -31.2 0.0280 0.37 0.17 4.63 198.0 10.0 291.4 2.0 0
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17 7 12 193 16 101.7 0.351 1.159 0.022 551. 498. -38.2 0.0280 0.37 0.18 4.68 194.0 10.0 290.9 2.0 0
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17 7 12 193 17 71.4 0.322 1.035 0.021 560. 439. -42.0 0.0280 0.37 0.19 4.32 197.0 10.0 290.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 7 12 193 18 35.7 0.306 0.824 0.021 564. 406. -72.0 0.0450 0.37 0.24 3.86 215.0 10.0 288.8 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
17 7 12 193 19 3.0 0.265 0.361 0.021 563. 328. -560.6 0.0450 0.37 0.39 3.54 216.0 10.0 286.4 2.0 0
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17 7 12 193 20 -15.5 0.168 -9.000 -9.000 -999. 169. 30.9 0.0450 0.37 1.00 2.44 214.0 10.0 286.4 2.0 0
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17 7 12 193 21 -10.0 0.134 -9.000 -9.000 -999. 117. 21.4 0.0450 0.37 1.00 1.98 216.0 10.0 286.4 2.0 0
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17 7 12 193 22 -6.0 0.102 -9.000 -9.000 -999. 78. 15.7 0.0360 0.37 1.00 1.60 245.0 10.0 286.4 2.0 0
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17 7 12 193 23 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0360 0.37 1.00 1.30 246.0 10.0 286.4 2.0 0
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17 7 12 193 24 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0360 0.37 1.00 1.40 243.0 10.0 285.9 2.0 0
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17 7 13 194 1 -4.6 0.090 -9.000 -9.000 -999. 64. 14.1 0.0450 0.37 1.00 1.35 224.0 10.0 285.9 2.0 0
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17 7 13 194 2 -3.2 0.074 -9.000 -9.000 -999. 48. 11.6 0.0280 0.37 1.00 1.18 191.0 10.0 285.9 2.0 0
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17 7 13 194 3 -4.2 0.086 -9.000 -9.000 -999. 60. 13.5 0.0420 0.37 1.00 1.30 179.0 10.0 285.9 2.0 0
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17 7 13 194 4 -3.2 0.075 -9.000 -9.000 -999. 49. 11.8 0.0320 0.37 1.00 1.16 273.0 10.0 285.9 2.0 0
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17 7 13 194 5 -4.4 0.087 -9.000 -9.000 -999. 61. 13.1 0.0280 0.37 1.00 1.42 208.0 10.0 285.9 2.0 0
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17 7 13 194 6 -2.7 0.072 -9.000 -9.000 -999. 46. 12.1 0.0280 0.37 0.52 1.16 199.0 10.0 285.9 2.0 0
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17 7 13 194 7 3.5 0.117 0.188 0.031 68. 96. -41.5 0.0360 0.37 0.28 1.50 114.0 10.0 286.4 2.0 0
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17 7 13 194 8 12.6 0.139 0.369 0.032 143. 124. -19.0 0.0420 0.37 0.21 1.62 151.0 10.0 286.4 2.0 0
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17 7 13 194 9 21.0 0.145 0.470 0.032 178. 133. -13.2 0.0420 0.37 0.18 1.64 150.0 10.0 287.5 2.0 0
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17 7 13 194 10 115.9 0.238 0.965 0.029 280. 279. -10.5 0.0420 0.37 0.17 2.62 176.0 10.0 290.4 2.0 0
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17 7 13 194 11 135.0 0.301 1.109 0.026 365. 396. -18.2 0.0280 0.37 0.17 3.80 180.0 10.0 290.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
17 7 13 194 12 145.6 0.330 1.182 0.019 410. 455. -22.2 0.0280 0.37 0.17 4.24 189.0 10.0 292.0 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
17 7 13 194 13 147.5 0.315 1.201 0.022 424. 425. -19.1 0.0280 0.37 0.17 4.00 199.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
17 7 13 194 14 140.6 0.369 1.194 0.013 437. 538. -32.2 0.0280 0.37 0.17 4.87 197.0 10.0 291.4 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
17 7 13 194 15 124.9 0.335 1.168 0.018 460. 466. -27.2 0.0280 0.37 0.17 4.37 207.0 10.0 290.4 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
17 7 13 194 16 101.3 0.306 1.112 0.018 490. 406. -25.4 0.0280 0.37 0.18 3.97 199.0 10.0 289.9 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
17 7 13 194 17 71.0 0.303 0.995 0.017 501. 400. -35.2 0.0280 0.37 0.19 4.02 197.0 10.0 289.2 2.0 0

0.00 80. 1011. 0 ADJ-A1 NoSubs
17 7 13 194 18 32.2 0.252 0.767 0.017 504. 304. -44.6 0.0280 0.37 0.24 3.39 188.0 10.0 287.0 2.0 0
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17 7 13 194 19 -5.6 0.169 -9.000 -9.000 -999. 170. 78.2 0.0280 0.37 0.39 2.61 189.0 10.0 285.9 2.0 0
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17 7 13 194 20 -11.5 0.143 -9.000 -9.000 -999. 129. 22.8 0.0420 0.37 1.00 2.13 159.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 13 194 21 -8.3 0.120 -9.000 -9.000 -999. 100. 18.8 0.0390 0.37 1.00 1.84 134.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 13 194 22 -2.7 0.070 -9.000 -9.000 -999. 45. 11.6 0.0340 0.37 1.00 1.03 89.0 10.0 285.4 2.0 0
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17 7 13 194 23 -4.6 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.37 1.00 1.40 88.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 13 194 24 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0370 0.37 1.00 1.06 40.0 10.0 285.4 2.0 0
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17 7 14 195 1 -2.9 0.073 -9.000 -9.000 -999. 48. 12.1 0.0420 0.37 1.00 1.06 155.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 14 195 2 -3.3 0.077 -9.000 -9.000 -999. 52. 12.5 0.0450 0.37 1.00 1.13 214.0 10.0 285.4 2.0 0
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17 7 14 195 3 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0360 0.37 1.00 1.37 240.0 10.0 284.9 2.0 0
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17 7 14 195 4 -4.6 0.090 -9.000 -9.000 -999. 65. 14.0 0.0420 0.37 1.00 1.37 171.0 10.0 284.9 2.0 0
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17 7 14 195 5 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0420 0.37 1.00 1.54 152.0 10.0 284.9 2.0 0
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17 7 14 195 6 -4.8 0.095 -9.000 -9.000 -999. 70. 16.1 0.0390 0.37 0.53 1.47 121.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 14 195 7 3.1 0.129 0.302 0.037 317. 112. -62.4 0.0390 0.37 0.29 1.67 135.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 14 195 8 12.4 0.110 0.480 0.037 322. 88. -9.7 0.0280 0.37 0.21 1.31 206.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 14 195 9 73.7 0.152 0.893 0.036 349. 142. -4.3 0.0360 0.37 0.18 1.55 115.0 10.0 287.5 2.0 0
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17 7 14 195 10 115.7 0.187 1.096 0.035 411. 194. -5.1 0.0390 0.37 0.17 1.91 128.0 10.0 290.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
17 7 14 195 11 134.8 0.302 1.202 0.033 465. 399. -18.5 0.0420 0.37 0.17 3.52 169.0 10.0 290.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
17 7 14 195 12 145.6 0.326 1.250 0.031 484. 447. -21.5 0.0420 0.37 0.17 3.85 174.0 10.0 292.5 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
17 7 14 195 13 147.5 0.352 1.268 0.028 499. 500. -26.6 0.0280 0.37 0.17 4.58 184.0 10.0 293.1 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
17 7 14 195 14 140.8 0.343 1.260 0.026 513. 482. -25.9 0.0280 0.37 0.17 4.46 199.0 10.0 292.5 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
17 7 14 195 15 125.2 0.317 1.221 0.024 525. 430. -23.0 0.0280 0.37 0.17 4.09 203.0 10.0 292.0 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
17 7 14 195 16 101.5 0.330 1.145 0.023 534. 456. -32.1 0.0280 0.37 0.18 4.36 192.0 10.0 290.9 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
17 7 14 195 17 70.8 0.308 1.019 0.022 540. 410. -37.2 0.0280 0.37 0.19 4.10 204.0 10.0 288.8 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
17 7 14 195 18 35.1 0.270 0.808 0.021 542. 337. -50.5 0.0450 0.37 0.24 3.34 213.0 10.0 287.0 2.0 0
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17 7 14 195 19 -6.6 0.194 -9.000 -9.000 -999. 207. 100.5 0.0280 0.37 0.39 2.98 194.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 14 195 20 -13.9 0.157 -9.000 -9.000 -999. 150. 27.2 0.0420 0.37 1.00 2.33 165.0 10.0 284.9 2.0 0

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17 7 14 195 21 -10.7 0.137 -9.000 -9.000 -999. 122. 21.7 0.0390 0.37 1.00 2.08 127.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 14 195 22 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.37 1.00 1.76 103.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 14 195 23 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0340 0.37 1.00 1.38 63.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 14 195 24 -3.1 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.37 1.00 1.11 54.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 15 196 1 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0370 0.37 1.00 0.91 4.0 10.0 285.4 2.0 0
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17 7 15 196 2 -2.0 0.065 -9.000 -9.000 -999. 40. 12.1 0.0390 0.37 1.00 0.84 120.0 10.0 284.9 2.0 0
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17 7 15 196 3 -3.2 0.076 -9.000 -9.000 -999. 51. 12.4 0.0450 0.37 1.00 1.11 232.0 10.0 284.9 2.0 0
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17 7 15 196 4 -4.2 0.085 -9.000 -9.000 -999. 60. 13.2 0.0360 0.37 1.00 1.33 261.0 10.0 284.2 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 15 196 5 -2.6 0.070 -9.000 -9.000 -999. 44. 11.8 0.0380 0.37 1.00 0.99 316.0 10.0 284.9 2.0 0
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17 7 15 196 6 -2.6 0.071 -9.000 -9.000 -999. 45. 12.3 0.0370 0.37 0.53 1.08 9.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 15 196 7 3.2 0.091 0.303 0.035 310. 66. -21.3 0.0370 0.37 0.29 1.11 54.0 10.0 285.9 2.0 0
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17 7 15 196 8 58.8 0.108 0.811 0.034 328. 86. -2.0 0.0320 0.37 0.21 1.01 270.0 10.0 288.8 2.0 0
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17 7 15 196 9 89.3 0.159 0.953 0.032 350. 151. -4.0 0.0390 0.37 0.18 1.57 128.0 10.0 292.0 2.0 0
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17 7 15 196 10 116.6 0.235 1.058 0.030 367. 273. -10.0 0.0420 0.37 0.17 2.57 156.0 10.0 294.9 2.0 0
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17 7 15 196 11 136.1 0.304 1.134 0.026 386. 402. -18.6 0.0420 0.37 0.17 3.54 167.0 10.0 296.4 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
17 7 15 196 12 146.9 0.294 1.190 0.025 414. 383. -15.6 0.0420 0.37 0.17 3.37 170.0 10.0 297.5 2.0 0
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17 7 15 196 13 149.2 0.291 1.227 0.022 447. 377. -14.9 0.0420 0.37 0.17 3.32 168.0 10.0 299.2 2.0 0
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17 7 15 196 14 141.9 0.362 1.226 0.011 468. 522. -30.1 0.0420 0.37 0.17 4.39 168.0 10.0 297.0 2.0 0
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17 7 15 196 15 126.3 0.335 1.190 0.018 481. 466. -26.8 0.0420 0.37 0.17 4.03 170.0 10.0 296.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
17 7 15 196 16 102.5 0.301 1.117 0.016 490. 397. -24.0 0.0420 0.37 0.18 3.59 161.0 10.0 295.4 2.0 0
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17 7 15 196 17 71.8 0.264 0.997 0.015 496. 325. -22.9 0.0420 0.37 0.19 3.13 153.0 10.0 293.8 2.0 0
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17 7 15 196 18 35.8 0.306 0.792 0.015 499. 406. -71.7 0.0420 0.37 0.24 3.91 174.0 10.0 291.4 2.0 0
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17 7 15 196 19 -0.6 0.220 -9.000 -9.000 -999. 251. 1594.2 0.0280 0.37 0.39 3.25 180.0 10.0 290.4 2.0 0
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17 7 15 196 20 -13.1 0.154 -9.000 -9.000 -999. 146. 26.0 0.0420 0.37 1.00 2.28 155.0 10.0 289.9 2.0 0
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17 7 16 197 1 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0360 0.37 1.00 1.09 267.0 10.0 287.0 2.0 0
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17 7 16 197 5 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0360 0.37 1.00 1.11 267.0 10.0 285.4 2.0 0
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17 7 16 197 7 19.0 0.119 0.328 0.030 67. 98. -7.9 0.0360 0.37 0.29 1.31 241.0 10.0 289.2 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
17 7 16 197 8 56.3 0.146 0.591 0.029 132. 134. -5.0 0.0420 0.37 0.21 1.47 166.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
17 7 16 197 9 90.4 0.141 0.798 0.026 202. 127. -2.8 0.0420 0.37 0.18 1.30 155.0 10.0 297.0 2.0 0
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17 7 16 197 10 118.1 0.207 0.972 0.023 279. 226. -6.7 0.0420 0.37 0.17 2.16 159.0 10.0 300.4 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
17 7 16 197 11 138.0 0.277 1.066 0.018 315. 349. -13.8 0.0420 0.37 0.17 3.13 176.0 10.0 302.5 2.0 0
0.00 42. 1007. 0 ADJ-A1 NoSubs
17 7 16 197 12 148.3 0.343 1.197 0.014 416. 483. -24.5 0.0420 0.37 0.17 4.10 166.0 10.0 302.0 2.0 0
0.00 40. 1007. 0 ADJ-A1 NoSubs
17 7 16 197 13 150.1 0.381 1.266 0.009 485. 565. -33.2 0.0420 0.37 0.17 4.66 163.0 10.0 302.0 2.0 0
0.00 39. 1007. 0 ADJ-A1 NoSubs
17 7 16 197 14 142.0 0.363 1.269 0.012 517. 526. -30.3 0.0420 0.37 0.17 4.41 158.0 10.0 297.5 2.0 0
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17 7 16 197 15 126.0 0.355 1.241 0.010 545. 507. -31.8 0.0420 0.37 0.17 4.32 166.0 10.0 295.9 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
17 7 16 197 16 102.5 0.305 1.175 0.009 567. 405. -24.7 0.0420 0.37 0.18 3.64 171.0 10.0 295.9 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
17 7 16 197 17 72.4 0.272 1.056 0.008 583. 340. -24.8 0.0280 0.37 0.19 3.52 185.0 10.0 296.4 2.0 0
0.00 54. 1005. 0 ADJ-A1 NoSubs
17 7 16 197 18 36.6 0.236 0.845 0.007 589. 276. -32.2 0.0420 0.37 0.24 2.88 163.0 10.0 295.4 2.0 0
0.00 54. 1005. 0 ADJ-A1 NoSubs
17 7 16 197 19 -0.4 0.228 -9.000 -9.000 -999. 261. 2918.2 0.0420 0.37 0.40 3.12 167.0 10.0 292.0 2.0 0
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17 7 16 197 20 -20.6 0.211 -9.000 -9.000 -999. 233. 49.0 0.0420 0.37 1.00 3.07 155.0 10.0 288.8 2.0 0
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17 7 16 197 21 -14.6 0.162 -9.000 -9.000 -999. 158. 29.0 0.0420 0.37 1.00 2.40 153.0 10.0 288.1 2.0 0
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17 7 16 197 22 -3.7 0.081 -9.000 -9.000 -999. 58. 13.0 0.0450 0.37 1.00 1.21 236.0 10.0 287.5 2.0 0
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17 7 16 197 23 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0360 0.37 1.00 1.21 264.0 10.0 287.5 2.0 0
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17 7 16 197 24 -2.3 0.067 -9.000 -9.000 -999. 41. 11.7 0.0360 0.37 1.00 0.92 252.0 10.0 287.0 2.0 0
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17 7 17 198 1 -5.5 0.098 -9.000 -9.000 -999. 74. 15.4 0.0450 0.37 1.00 1.48 216.0 10.0 285.4 2.0 0
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17 7 17 198 2 -4.7 0.091 -9.000 -9.000 -999. 66. 14.3 0.0450 0.37 1.00 1.37 230.0 10.0 285.9 2.0 0

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17 7 17 198 3 -4.2 0.085 -9.000 -9.000 -999. 60. 13.2 0.0360 0.37 1.00 1.33 241.0 10.0 284.2 2.0 0
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17 7 17 198 5 -2.5 0.069 -9.000 -9.000 -999. 44. 11.7 0.0360 0.37 1.00 0.99 251.0 10.0 284.9 2.0 0
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17 7 17 198 6 -2.7 0.073 -9.000 -9.000 -999. 47. 12.8 0.0360 0.37 0.54 1.13 264.0 10.0 285.9 2.0 0
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17 7 17 198 7 18.4 0.121 0.399 0.034 124. 101. -8.7 0.0280 0.37 0.29 1.43 193.0 10.0 288.1 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
17 7 17 198 8 55.4 0.151 0.704 0.034 226. 141. -5.6 0.0390 0.37 0.21 1.57 142.0 10.0 289.9 2.0 0
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17 7 17 198 9 89.0 0.163 0.871 0.032 266. 159. -4.4 0.0390 0.37 0.18 1.64 133.0 10.0 293.1 2.0 0
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17 7 17 198 10 116.3 0.220 0.980 0.029 291. 247. -8.2 0.0420 0.37 0.17 2.35 152.0 10.0 295.4 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
17 7 17 198 11 135.4 0.322 1.074 0.016 328. 438. -22.1 0.0420 0.37 0.17 3.81 168.0 10.0 295.4 2.0 0
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17 7 17 198 12 146.1 0.351 1.138 0.013 363. 499. -26.6 0.0420 0.37 0.17 4.22 162.0 10.0 295.9 2.0 0
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17 7 17 198 13 148.0 0.317 1.166 0.016 385. 430. -19.4 0.0420 0.37 0.17 3.71 162.0 10.0 296.4 2.0 0
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17 7 17 198 14 141.3 0.334 1.167 0.015 404. 464. -23.7 0.0420 0.37 0.17 3.98 154.0 10.0 295.9 2.0 0
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17 7 17 198 15 125.3 0.361 1.136 0.012 421. 521. -33.8 0.0420 0.37 0.17 4.42 163.0 10.0 293.8 2.0 0
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17 7 17 198 17 71.3 0.313 0.984 0.014 479. 420. -38.5 0.0420 0.37 0.19 3.86 165.0 10.0 293.1 2.0 0
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17 7 17 198 18 35.5 0.284 0.786 0.014 489. 363. -57.7 0.0420 0.37 0.24 3.59 150.0 10.0 292.0 2.0 0
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17 7 17 198 19 -1.6 0.243 -9.000 -9.000 -999. 287. 787.8 0.0390 0.37 0.40 3.39 140.0 10.0 289.9 2.0 0
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17 7 17 198 20 -17.1 0.176 -9.000 -9.000 -999. 179. 34.2 0.0420 0.37 1.00 2.59 159.0 10.0 288.1 2.0 0
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17 7 17 198 21 -7.5 0.114 -9.000 -9.000 -999. 94. 17.9 0.0390 0.37 1.00 1.76 141.0 10.0 287.0 2.0 0
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17 7 17 198 22 -2.3 0.068 -9.000 -9.000 -999. 43. 12.0 0.0420 0.37 1.00 0.92 168.0 10.0 287.0 2.0 0
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17 7 17 198 23 -3.0 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.37 1.00 1.09 20.0 10.0 287.0 2.0 0
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17 7 17 198 24 -2.5 0.069 -9.000 -9.000 -999. 43. 11.7 0.0370 0.37 1.00 0.97 5.0 10.0 284.9 2.0 0
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17 7 18 199 1 -2.7 0.071 -9.000 -9.000 -999. 45. 11.5 0.0320 0.37 1.00 1.06 290.0 10.0 284.2 2.0 0
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17 7 18 199 2 -3.2 0.076 -9.000 -9.000 -999. 51. 12.4 0.0450 0.37 1.00 1.11 223.0 10.0 284.9 2.0 0
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17 7 18 199 3 -3.8 0.081 -9.000 -9.000 -999. 56. 12.7 0.0360 0.37 1.00 1.26 256.0 10.0 284.2 2.0 0
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17 7 18 199 4 -2.2 0.066 -9.000 -9.000 -999. 40. 11.6 0.0320 0.37 1.00 0.91 294.0 10.0 283.8 2.0 0
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17 7 18 199 5 -5.3 0.096 -9.000 -9.000 -999. 71. 14.9 0.0440 0.37 1.00 1.45 339.0 10.0 282.5 2.0 0

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17 7 18 199 6 -2.8 0.074 -9.000 -9.000 -999. 48. 13.1 0.0440 0.37 0.54 1.11 354.0 10.0 284.2 2.0 0
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17 7 18 199 7 17.7 0.126 0.505 0.035 261. 108. -10.2 0.0340 0.37 0.29 1.45 70.0 10.0 286.4 2.0 0
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17 7 18 199 8 54.8 0.133 0.806 0.035 344. 116. -3.8 0.0390 0.37 0.21 1.31 134.0 10.0 288.8 2.0 0
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17 7 18 199 9 88.3 0.163 1.006 0.034 415. 158. -4.4 0.0390 0.37 0.18 1.64 149.0 10.0 291.4 2.0 0
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17 7 18 199 10 115.3 0.251 1.131 0.033 453. 302. -12.4 0.0420 0.37 0.17 2.81 153.0 10.0 292.5 2.0 0
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17 7 18 199 11 134.7 0.318 1.225 0.031 492. 430. -21.5 0.0420 0.37 0.17 3.75 172.0 10.0 293.1 2.0 0
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17 7 18 199 12 145.5 0.299 1.278 0.028 518. 392. -16.5 0.0420 0.37 0.17 3.44 170.0 10.0 294.2 2.0 0
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17 7 18 199 13 147.9 0.308 1.295 0.026 530. 410. -17.8 0.0420 0.37 0.17 3.57 159.0 10.0 296.4 2.0 0
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17 7 18 199 14 141.2 0.322 1.283 0.024 540. 439. -21.4 0.0420 0.37 0.17 3.80 154.0 10.0 295.9 2.0 0
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17 7 18 199 15 125.9 0.306 1.242 0.022 549. 406. -20.4 0.0420 0.37 0.17 3.59 155.0 10.0 296.4 2.0 0
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17 7 18 199 16 102.5 0.323 1.166 0.021 557. 440. -29.5 0.0390 0.37 0.18 3.97 147.0 10.0 297.0 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
17 7 18 199 17 71.2 0.354 1.035 0.020 561. 505. -56.0 0.0390 0.37 0.19 4.53 134.0 10.0 293.8 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
17 7 18 199 18 34.9 0.382 0.817 0.019 563. 567. -144.0 0.0390 0.37 0.24 5.10 139.0 10.0 290.4 2.0 0
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17 7 18 199 19 -2.9 0.301 -9.000 -9.000 -999. 400. 831.7 0.0390 0.37 0.40 4.20 125.0 10.0 288.8 2.0 0
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17 7 18 199 20 -20.9 0.212 -9.000 -9.000 -999. 238. 49.4 0.0360 0.37 1.00 3.17 116.0 10.0 287.0 2.0 0
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17 7 18 199 21 -14.3 0.159 -9.000 -9.000 -999. 153. 27.7 0.0340 0.37 1.00 2.44 84.0 10.0 286.4 2.0 0
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17 7 18 199 22 -16.2 0.169 -9.000 -9.000 -999. 167. 31.5 0.0340 0.37 1.00 2.59 68.0 10.0 285.9 2.0 0
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17 7 18 199 23 -5.7 0.099 -9.000 -9.000 -999. 76. 15.3 0.0370 0.37 1.00 1.55 37.0 10.0 285.9 2.0 0
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17 7 18 199 24 -3.4 0.077 -9.000 -9.000 -999. 52. 12.3 0.0370 0.37 1.00 1.18 26.0 10.0 285.4 2.0 0
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17 7 19 200 1 -3.0 0.073 -9.000 -9.000 -999. 48. 11.9 0.0380 0.37 1.00 1.08 325.0 10.0 283.1 2.0 0
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17 7 19 200 5 -3.7 0.081 -9.000 -9.000 -999. 56. 12.9 0.0440 0.37 1.00 1.21 354.0 10.0 283.8 2.0 0
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17 7 19 200 6 -3.0 0.074 -9.000 -9.000 -999. 49. 12.5 0.0370 0.37 0.55 1.14 18.0 10.0 284.2 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 19 200 7 2.6 0.108 0.179 0.024 79. 85. -43.6 0.0370 0.37 0.29 1.38 24.0 10.0 284.2 2.0 0
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17 7 19 200 8 11.9 0.100 0.399 0.026 192. 76. -7.5 0.0370 0.37 0.21 1.09 43.0 10.0 284.9 2.0 0

0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 19 200 9 20.6 0.116 0.545 0.030 284. 95. -6.9 0.0380 0.37 0.18 1.25 302.0 10.0 287.5 2.0 0
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17 7 19 200 10 116.6 0.201 1.080 0.033 390. 216. -6.2 0.0390 0.37 0.17 2.11 146.0 10.0 289.2 2.0 0
0.00 80. 1012. 3 ADJ-A1 NoSubs
17 7 19 200 11 133.9 0.266 1.173 0.032 435. 329. -12.6 0.0420 0.37 0.17 2.98 171.0 10.0 290.9 2.0 0
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17 7 19 200 12 144.7 0.315 1.218 0.029 451. 425. -19.5 0.0420 0.37 0.17 3.69 174.0 10.0 292.0 2.0 0
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17 7 19 200 13 146.7 0.297 1.237 0.026 466. 390. -16.2 0.0420 0.37 0.17 3.42 163.0 10.0 292.5 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
17 7 19 200 14 140.4 0.301 1.232 0.024 481. 397. -17.5 0.0420 0.37 0.17 3.49 156.0 10.0 293.8 2.0 0
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17 7 19 200 15 125.1 0.332 1.196 0.022 493. 458. -26.2 0.0420 0.37 0.17 3.98 157.0 10.0 294.2 2.0 0
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17 7 19 200 16 101.5 0.319 1.127 0.020 508. 432. -28.7 0.0390 0.37 0.18 3.91 139.0 10.0 294.2 2.0 0
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17 7 19 200 17 70.7 0.321 1.006 0.019 519. 437. -42.2 0.0390 0.37 0.19 4.05 137.0 10.0 292.5 2.0 0
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17 7 19 200 18 34.9 0.289 0.799 0.018 525. 374. -62.5 0.0390 0.37 0.24 3.73 134.0 10.0 291.4 2.0 0
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17 7 19 200 21 -17.8 0.180 -9.000 -9.000 -999. 184. 35.7 0.0360 0.37 1.00 2.72 104.0 10.0 287.0 2.0 0
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17 7 19 200 24 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0370 0.37 1.00 1.55 37.0 10.0 285.4 2.0 0
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17 7 20 201 1 -5.9 0.100 -9.000 -9.000 -999. 76. 15.5 0.0370 0.37 1.00 1.57 42.0 10.0 285.9 2.0 0
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17 7 20 201 2 -7.1 0.110 -9.000 -9.000 -999. 88. 17.2 0.0370 0.37 1.00 1.72 40.0 10.0 285.9 2.0 0
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17 7 20 201 3 -13.5 0.154 -9.000 -9.000 -999. 145. 26.0 0.0340 0.37 1.00 2.37 78.0 10.0 285.4 2.0 0
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17 7 20 201 5 -6.5 0.105 -9.000 -9.000 -999. 82. 16.2 0.0340 0.37 1.00 1.67 77.0 10.0 285.9 2.0 0
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17 7 20 201 6 -8.5 0.126 -9.000 -9.000 -999. 107. 21.1 0.0340 0.37 0.55 1.96 73.0 10.0 285.9 2.0 0
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0.00 96. 1013. 10 ADJ-SFC NoSubs
17 7 20 201 8 12.1 0.142 0.444 0.025 261. 129. -21.6 0.0340 0.37 0.21 1.76 72.0 10.0 286.4 2.0 0
0.00 96. 1013. 10 ADJ-SFC NoSubs
17 7 20 201 9 20.4 -9.000 -9.000 -9.000 371. -999. -99999.0 0.0373 0.37 0.18 0.00 0.0 10.0 287.0 2.0 0
0.00 92. 1013. 10 ADJ-SFC NoSubs
17 7 20 201 10 27.6 -9.000 -9.000 -9.000 410. -999. -99999.0 0.0373 0.37 0.17 0.00 0.0 10.0 289.2 2.0 0
0.00 80. 1013. 10 ADJ-SFC NoSubs
17 7 20 201 11 133.8 0.325 1.195 0.031 461. 444. -23.1 0.0420 0.37 0.17 3.86 170.0 10.0 291.4 2.0 0

0.00 72. 1013. 0 ADJ-SFC NoSubs
17 7 20 201 12 144.7 0.327 1.254 0.029 493. 448. -21.8 0.0420 0.37 0.17 3.86 160.0 10.0 292.5 2.0 0
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17 7 20 201 13 146.7 0.288 1.272 0.026 507. 371. -14.7 0.0373 0.37 0.17 3.36 999.0 10.0 293.1 2.0 0
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17 7 20 201 14 140.7 0.326 1.266 0.024 521. 446. -22.2 0.0420 0.37 0.17 3.86 151.0 10.0 295.4 2.0 0
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17 7 20 201 15 125.2 0.286 1.227 0.022 533. 369. -16.9 0.0390 0.37 0.17 3.36 126.0 10.0 295.4 2.0 0
0.00 56. 1011. 0 ADJ-SFC NoSubs
17 7 20 201 16 101.5 0.315 1.151 0.021 542. 425. -27.8 0.0390 0.37 0.18 3.86 132.0 10.0 294.9 2.0 0
0.00 58. 1011. 0 ADJ-SFC NoSubs
17 7 20 201 17 70.9 0.309 1.026 0.020 548. 412. -37.4 0.0390 0.37 0.19 3.86 147.0 10.0 294.2 2.0 0
0.00 60. 1010. 0 ADJ-SFC NoSubs
17 7 20 201 18 34.8 0.370 0.810 0.019 551. 541. -131.7 0.0420 0.37 0.24 4.86 154.0 10.0 292.0 2.0 0
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17 7 20 201 19 -3.5 0.295 -9.000 -9.000 -999. 388. 667.3 0.0360 0.37 0.40 4.19 116.0 10.0 289.9 2.0 0
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17 7 21 202 1 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0370 0.37 1.00 1.28 11.0 10.0 285.4 2.0 0
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17 7 21 202 4 -7.1 0.110 -9.000 -9.000 -999. 88. 17.1 0.0370 0.37 1.00 1.72 46.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 21 202 5 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0370 0.37 1.00 1.47 47.0 10.0 284.9 2.0 0
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0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 21 202 8 12.0 0.122 0.369 0.025 151. 102. -13.7 0.0370 0.37 0.21 1.42 55.0 10.0 286.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
17 7 21 202 9 20.4 0.142 0.547 0.029 289. 129. -12.7 0.0370 0.37 0.18 1.64 43.0 10.0 287.0 2.0 0
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17 7 21 202 10 114.3 0.190 1.058 0.033 374. 199. -5.4 0.0390 0.37 0.17 1.96 135.0 10.0 290.9 2.0 0
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17 7 21 202 11 133.8 0.283 1.150 0.031 411. 361. -15.2 0.0420 0.37 0.17 3.23 172.0 10.0 292.0 2.0 0
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17 7 21 202 12 144.7 0.307 1.199 0.029 430. 407. -18.0 0.0420 0.37 0.17 3.56 167.0 10.0 293.1 2.0 0
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17 7 21 202 13 147.3 0.286 1.225 0.026 450. 367. -14.3 0.0390 0.37 0.17 3.30 144.0 10.0 295.9 2.0 0
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17 7 21 202 21 -17.6 0.178 -9.000 -9.000 -999. 182. 35.0 0.0340 0.37 1.00 2.72 80.0 10.0 287.0 2.0 0
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17 7 21 202 22 -13.8 0.156 -9.000 -9.000 -999. 148. 26.9 0.0370 0.37 1.00 2.37 59.0 10.0 286.4 2.0 0
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17 7 21 202 23 -4.5 0.088 -9.000 -9.000 -999. 64. 13.7 0.0370 0.37 1.00 1.38 36.0 10.0 286.4 2.0 0
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17 7 21 202 24 -3.3 0.078 -9.000 -9.000 -999. 52. 12.5 0.0440 0.37 1.00 1.14 354.0 10.0 285.4 2.0 0
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17 7 22 203 2 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0380 0.37 1.00 1.04 308.0 10.0 284.2 2.0 0
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17 7 22 203 8 11.9 0.099 0.352 0.031 132. 75. -7.4 0.0440 0.37 0.21 1.04 338.0 10.0 286.4 2.0 0
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17 7 22 203 9 72.3 0.149 0.888 0.035 349. 138. -4.1 0.0390 0.37 0.18 1.48 123.0 10.0 288.8 2.0 0
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17 7 22 203 11 134.0 0.272 1.148 0.030 406. 340. -13.5 0.0420 0.37 0.17 3.07 166.0 10.0 293.8 2.0 0
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17 7 22 203 12 144.8 0.318 1.199 0.027 429. 430. -19.9 0.0280 0.37 0.17 4.05 181.0 10.0 294.2 2.0 0
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17 7 22 203 13 146.8 0.319 1.229 0.024 455. 433. -20.0 0.0280 0.37 0.17 4.07 191.0 10.0 294.9 2.0 0
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17 7 22 203 14 139.9 0.337 1.231 0.022 479. 469. -24.5 0.0280 0.37 0.17 4.36 184.0 10.0 293.8 2.0 0
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17 7 22 203 15 124.4 0.319 1.196 0.020 494. 433. -23.5 0.0280 0.37 0.17 4.12 183.0 10.0 293.8 2.0 0
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17 7 22 203 16 100.2 0.306 1.121 0.018 504. 407. -25.7 0.0280 0.37 0.18 3.98 187.0 10.0 291.4 2.0 0
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17 7 22 203 17 69.3 0.320 0.995 0.017 511. 434. -42.3 0.0420 0.37 0.19 3.97 176.0 10.0 289.2 2.0 0

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17 7 22 203 20 -12.2 0.146 -9.000 -9.000 -999. 134. 23.4 0.0280 0.37 1.00 2.33 186.0 10.0 285.9 2.0 0
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17 7 22 203 22 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.37 1.00 0.97 251.0 10.0 285.9 2.0 0
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17 7 23 204 1 -4.0 0.084 -9.000 -9.000 -999. 59. 13.3 0.0450 0.37 1.00 1.26 233.0 10.0 284.2 2.0 0
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17 7 23 204 7 2.4 0.102 0.207 0.033 132. 78. -39.8 0.0280 0.37 0.30 1.37 203.0 10.0 285.4 2.0 0
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17 7 23 204 8 11.7 0.098 0.356 0.033 138. 74. -7.2 0.0280 0.37 0.21 1.13 190.0 10.0 285.9 2.0 0
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17 7 23 204 9 85.5 0.146 0.749 0.029 176. 134. -3.3 0.0420 0.37 0.18 1.38 156.0 10.0 289.2 2.0 0
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17 7 23 204 12 144.6 0.333 1.125 0.013 354. 461. -22.9 0.0280 0.37 0.17 4.29 204.0 10.0 294.2 2.0 0
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17 7 23 204 13 146.5 0.365 1.164 0.011 387. 529. -29.8 0.0450 0.37 0.17 4.36 214.0 10.0 294.2 2.0 0
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17 7 23 204 14 139.9 0.343 1.175 0.012 416. 483. -25.9 0.0280 0.37 0.17 4.46 203.0 10.0 294.2 2.0 0
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17 7 23 204 15 124.2 0.348 1.195 0.012 493. 493. -30.5 0.0450 0.37 0.17 4.17 220.0 10.0 293.8 2.0 0
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17 7 23 204 16 100.4 0.297 1.146 0.011 537. 390. -23.4 0.0280 0.37 0.18 3.83 203.0 10.0 293.1 2.0 0
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17 7 23 204 17 69.2 0.315 1.021 0.010 551. 424. -40.5 0.0280 0.37 0.19 4.22 186.0 10.0 290.4 2.0 0
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17 7 23 204 18 33.1 0.314 0.801 0.010 557. 422. -83.7 0.0280 0.37 0.25 4.36 192.0 10.0 288.1 2.0 0
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17 7 23 204 19 -8.9 0.205 -9.000 -9.000 -999. 228. 86.2 0.0280 0.37 0.41 3.15 193.0 10.0 285.9 2.0 0
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17 7 23 204 20 -9.5 0.127 -9.000 -9.000 -999. 111. 19.6 0.0280 0.37 1.00 2.06 187.0 10.0 285.4 2.0 0

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17 7 23 204 21 -7.7 0.114 -9.000 -9.000 -999. 93. 17.4 0.0280 0.37 1.00 1.86 185.0 10.0 285.4 2.0 0
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17 7 23 204 22 -6.6 0.108 -9.000 -9.000 -999. 85. 16.9 0.0450 0.37 1.00 1.62 216.0 10.0 284.9 2.0 0
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17 7 23 204 23 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0420 0.37 1.00 1.23 175.0 10.0 285.4 2.0 0
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17 7 23 204 24 -3.2 0.074 -9.000 -9.000 -999. 48. 11.6 0.0280 0.37 1.00 1.18 198.0 10.0 285.4 2.0 0
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17 7 24 205 2 -3.3 0.076 -9.000 -9.000 -999. 51. 12.1 0.0340 0.37 1.00 1.18 64.0 10.0 285.4 2.0 0
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17 7 24 205 3 -3.4 0.078 -9.000 -9.000 -999. 52. 12.5 0.0420 0.37 1.00 1.16 172.0 10.0 285.4 2.0 0
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17 7 24 205 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 100. 1006. 10 ADJ-SFC NoSubs
17 7 24 205 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 100. 1006. 10 ADJ-SFC NoSubs
17 7 24 205 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 0.57 0.00 0.0 10.0 285.4 2.0
0 0.00 100. 1006. 10 ADJ-SFC NoSubs
17 7 24 205 7 2.4 -9.000 -9.000 -9.000 123. -999. -99999.0 0.0373 0.37 0.30 0.00 0.0 10.0 285.9 2.0 0
0.00 100. 1007. 10 ADJ-SFC NoSubs
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17 7 24 205 9 20.5 0.149 0.587 0.035 354. 139. -14.6 0.0360 0.37 0.18 1.76 263.0 10.0 288.8 2.0 0
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17 7 24 205 10 27.6 0.337 0.655 0.028 366. 470. -125.2 0.0450 0.37 0.17 4.36 237.0 10.0 290.4 2.0 0
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17 7 24 205 11 32.5 0.346 0.701 0.025 380. 487. -114.0 0.0280 0.37 0.17 4.86 207.0 10.0 290.9 2.0 0
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17 7 24 205 12 145.7 0.338 1.209 0.028 436. 471. -23.7 0.0280 0.37 0.17 4.36 208.0 10.0 292.0 2.0 0
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17 7 24 205 13 147.6 0.433 1.231 0.012 454. 685. -49.6 0.0450 0.37 0.17 5.36 221.0 10.0 292.0 2.0 0
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17 7 24 205 14 134.6 0.473 1.206 0.007 469. 780. -70.5 0.0450 0.37 0.17 5.96 216.0 10.0 292.5 2.0 0
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17 7 24 205 15 30.0 0.373 0.733 0.017 472. 555. -155.7 0.0450 0.37 0.17 4.86 226.0 10.0 290.4 2.0 0
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17 7 24 205 16 24.0 0.290 0.682 0.027 474. 379. -91.1 0.0360 0.37 0.18 3.86 248.0 10.0 289.9 2.0 0
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17 7 24 205 17 16.1 0.262 0.598 0.027 475. 323. -100.4 0.0450 0.37 0.19 3.36 220.0 10.0 288.8 2.0 0
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17 7 24 205 18 7.1 0.221 0.454 0.027 476. 249. -136.6 0.0450 0.37 0.25 2.86 216.0 10.0 288.1 2.0 0
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17 7 24 205 19 -6.8 0.166 -9.000 -9.000 -999. 162. 59.7 0.0450 0.37 0.41 2.36 233.0 10.0 287.5 2.0 0
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17 7 24 205 20 -7.8 0.118 -9.000 -9.000 -999. 97. 18.7 0.0450 0.37 1.00 1.76 228.0 10.0 287.0 2.0 0
0.00 100. 1007. 10 ADJ-SFC NoSubs
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0 0.00 93. 1008. 10 ADJ-SFC NoSubs
17 7 24 205 22 -7.8 0.118 -9.000 -9.000 -999. 97. 18.7 0.0450 0.37 1.00 1.76 234.0 10.0 287.5 2.0 0
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17 7 24 205 23 -7.1 0.110 -9.000 -9.000 -999. 88. 17.0 0.0320 0.37 1.00 1.76 270.0 10.0 287.5 2.0 0

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17 7 24 205 24 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0360 0.37 1.00 1.59 247.0 10.0 287.5 2.0 0
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17 7 25 206 1 -5.9 0.102 -9.000 -9.000 -999. 78. 16.1 0.0450 0.37 1.00 1.54 230.0 10.0 287.5 2.0 0
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17 7 25 206 6 -8.5 0.126 -9.000 -9.000 -999. 107. 20.9 0.0360 0.37 0.58 1.94 250.0 10.0 288.1 2.0 0
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17 7 25 206 7 2.8 0.182 0.201 0.019 103. 187. -191.7 0.0360 0.37 0.30 2.49 256.0 10.0 288.8 2.0 0
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17 7 25 206 8 12.3 0.245 0.389 0.023 171. 292. -107.9 0.0360 0.37 0.21 3.29 243.0 10.0 289.9 2.0 0
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17 7 25 206 9 20.7 0.273 0.522 0.023 247. 342. -88.2 0.0360 0.37 0.18 3.63 240.0 10.0 290.4 2.0 0
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17 7 25 206 10 113.5 0.371 1.151 0.027 485. 542. -40.5 0.0450 0.37 0.17 4.53 224.0 10.0 292.0 2.0 0
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17 7 25 206 11 132.9 0.413 1.266 0.017 551. 637. -47.8 0.0360 0.37 0.17 5.33 241.0 10.0 292.0 2.0 0
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17 7 25 206 12 143.7 0.474 1.314 0.012 570. 783. -66.8 0.0450 0.37 0.17 5.96 233.0 10.0 292.5 2.0 0
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17 7 25 206 13 147.4 0.450 1.338 0.013 586. 725. -55.7 0.0450 0.37 0.17 5.60 225.0 10.0 292.0 2.0 0
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17 7 25 206 14 138.9 0.439 1.324 0.014 602. 699. -54.9 0.0450 0.37 0.17 5.46 231.0 10.0 292.0 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
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0.00 72. 1010. 0 ADJ-A1 NoSubs
17 7 25 206 16 99.5 0.425 1.200 0.015 626. 671. -69.7 0.0450 0.37 0.18 5.36 237.0 10.0 291.4 2.0 0
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17 7 25 206 19 2.1 0.254 0.334 0.017 635. 309. -701.3 0.0360 0.37 0.42 3.54 248.0 10.0 288.1 2.0 0
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0.00 93. 1011. 10 ADJ-A1 NoSubs
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17 7 25 206 24 -10.2 0.134 -9.000 -9.000 -999. 117. 21.1 0.0360 0.37 1.00 2.06 248.0 10.0 288.1 2.0 0
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17 7 26 207 1 -7.0 0.110 -9.000 -9.000 -999. 87. 17.1 0.0360 0.37 1.00 1.72 254.0 10.0 288.1 2.0 0
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17 7 26 207 3 -5.1 0.094 -9.000 -9.000 -999. 69. 14.6 0.0360 0.37 1.00 1.48 265.0 10.0 288.1 2.0 0
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17 7 26 207 4 -5.3 0.095 -9.000 -9.000 -999. 70. 14.5 0.0320 0.37 1.00 1.52 274.0 10.0 287.5 2.0 0
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17 7 26 207 5 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0360 0.37 1.00 1.62 249.0 10.0 287.5 2.0 0
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17 7 26 207 6 -7.7 0.119 -9.000 -9.000 -999. 98. 19.5 0.0360 0.37 0.58 1.84 243.0 10.0 287.5 2.0 0
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17 7 26 207 7 2.5 0.128 0.257 0.027 243. 110. -75.2 0.0360 0.37 0.30 1.69 259.0 10.0 287.5 2.0 0
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17 7 26 207 8 11.9 0.135 0.459 0.028 293. 118. -18.5 0.0360 0.37 0.21 1.62 259.0 10.0 288.1 2.0 0
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17 7 26 207 10 110.3 0.246 1.124 0.028 465. 293. -12.2 0.0360 0.37 0.17 2.84 240.0 10.0 291.4 2.0 0
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17 7 26 207 11 132.8 0.322 1.229 0.027 504. 438. -22.6 0.0450 0.37 0.17 3.76 237.0 10.0 292.5 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
17 7 26 207 12 143.5 0.375 1.284 0.024 532. 550. -33.0 0.0450 0.37 0.17 4.51 238.0 10.0 292.5 2.0 0
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17 7 26 207 13 145.6 0.354 1.306 0.023 552. 505. -27.4 0.0450 0.37 0.17 4.20 236.0 10.0 293.1 2.0 0
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17 7 26 207 14 139.0 0.349 1.300 0.022 571. 495. -27.6 0.0450 0.37 0.17 4.15 231.0 10.0 293.1 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
17 7 26 207 15 123.4 0.353 1.260 0.020 584. 503. -32.1 0.0450 0.37 0.17 4.24 217.0 10.0 293.1 2.0 0
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17 7 26 207 16 99.7 0.342 1.179 0.019 593. 480. -36.1 0.0450 0.37 0.18 4.14 225.0 10.0 293.1 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 7 26 207 17 68.6 0.307 1.044 0.018 598. 408. -37.9 0.0450 0.37 0.19 3.73 239.0 10.0 291.4 2.0 0
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17 7 26 207 18 32.5 0.289 0.815 0.018 600. 373. -66.8 0.0450 0.37 0.25 3.63 220.0 10.0 290.4 2.0 0
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17 7 26 207 19 -5.7 0.226 -9.000 -9.000 -999. 259. 183.5 0.0450 0.37 0.42 3.15 218.0 10.0 288.1 2.0 0
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17 7 26 207 20 -15.5 0.168 -9.000 -9.000 -999. 166. 30.9 0.0450 0.37 1.00 2.44 210.0 10.0 287.0 2.0 0
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17 7 26 207 21 -5.5 0.098 -9.000 -9.000 -999. 75. 15.4 0.0450 0.37 1.00 1.48 214.0 10.0 287.0 2.0 0
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17 7 26 207 22 -3.2 0.074 -9.000 -9.000 -999. 48. 11.6 0.0280 0.37 1.00 1.18 205.0 10.0 287.0 2.0 0
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17 7 26 207 23 -4.4 0.087 -9.000 -9.000 -999. 62. 13.7 0.0420 0.37 1.00 1.33 153.0 10.0 286.4 2.0 0
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17 7 26 207 24 -3.7 0.081 -9.000 -9.000 -999. 55. 12.7 0.0390 0.37 1.00 1.23 123.0 10.0 286.4 2.0 0
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17 7 27 208 1 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.37 1.00 1.03 31.0 10.0 286.4 2.0 0
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17 7 27 208 2 -3.0 0.073 -9.000 -9.000 -999. 47. 11.8 0.0340 0.37 1.00 1.11 64.0 10.0 286.4 2.0 0
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17 7 27 208 3 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0420 0.37 1.00 1.23 158.0 10.0 286.4 2.0 0
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0.00 100. 1010. 10 ADJ-A1 NoSubs
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17 7 27 208 7 2.2 0.087 0.185 0.032 103. 61. -26.5 0.0280 0.37 0.30 1.13 180.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 27 208 8 11.6 0.093 0.397 0.036 195. 68. -6.3 0.0280 0.37 0.21 1.06 205.0 10.0 287.0 2.0 0
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17 7 27 208 9 85.5 0.157 0.872 0.037 279. 150. -4.1 0.0420 0.37 0.18 1.54 163.0 10.0 290.4 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
17 7 27 208 10 113.1 0.238 1.005 0.035 323. 278. -10.7 0.0420 0.37 0.17 2.62 175.0 10.0 292.5 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
17 7 27 208 11 133.0 0.265 1.086 0.032 347. 326. -12.5 0.0280 0.37 0.17 3.23 186.0 10.0 294.2 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 7 27 208 12 144.2 0.279 1.140 0.029 369. 355. -13.6 0.0280 0.37 0.17 3.44 185.0 10.0 295.9 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
17 7 27 208 13 145.7 0.333 1.174 0.024 400. 461. -22.8 0.0280 0.37 0.17 4.29 200.0 10.0 294.2 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
17 7 27 208 14 139.4 0.290 1.215 0.024 464. 375. -15.7 0.0280 0.37 0.17 3.61 193.0 10.0 295.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
17 7 27 208 15 123.0 0.366 1.197 0.020 502. 532. -36.0 0.0280 0.37 0.17 4.87 189.0 10.0 292.5 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
17 7 27 208 16 98.9 0.332 1.124 0.021 517. 460. -33.3 0.0280 0.37 0.18 4.39 189.0 10.0 290.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 7 27 208 17 67.9 0.304 0.998 0.020 527. 402. -37.1 0.0420 0.37 0.19 3.74 176.0 10.0 289.9 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
17 7 27 208 18 34.4 0.272 0.798 0.020 530. 341. -52.5 0.0420 0.37 0.25 3.42 173.0 10.0 287.5 2.0 0
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17 7 27 208 19 -9.0 0.185 -9.000 -9.000 -999. 194. 63.3 0.0420 0.37 0.42 2.67 168.0 10.0 286.4 2.0 0
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17 7 27 208 20 -9.9 0.133 -9.000 -9.000 -999. 116. 21.1 0.0420 0.37 1.00 1.99 157.0 10.0 285.9 2.0 0
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17 7 27 208 21 -8.5 0.122 -9.000 -9.000 -999. 102. 19.0 0.0360 0.37 1.00 1.89 96.0 10.0 286.4 2.0 0
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17 7 27 208 22 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0360 0.37 1.00 1.65 95.0 10.0 285.9 2.0 0
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17 7 27 208 23 -4.0 0.084 -9.000 -9.000 -999. 58. 13.1 0.0370 0.37 1.00 1.30 32.0 10.0 286.4 2.0 0
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17 7 27 208 24 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.37 1.00 1.08 35.0 10.0 285.9 2.0 0
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17 7 28 209 1 -1.9 0.063 -9.000 -9.000 -999. 38. 12.3 0.0380 0.37 1.00 0.79 314.0 10.0 285.9 2.0 0
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17 7 28 209 3 -5.0 0.092 -9.000 -9.000 -999. 67. 14.2 0.0360 0.37 1.00 1.45 254.0 10.0 284.9 2.0 0
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17 7 28 209 7 1.9 0.119 0.137 0.032 49. 98. -79.7 0.0340 0.37 0.31 1.59 83.0 10.0 285.1 2.0 0
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17 7 28 209 8 11.2 0.141 0.345 0.034 132. 127. -22.5 0.0390 0.37 0.21 1.70 134.0 10.0 285.4 2.0 0

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17 7 28 209 9 19.9 0.139 0.454 0.035 169. 124. -12.0 0.0360 0.37 0.18 1.60 107.0 10.0 287.5 2.0 0
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17 7 28 209 10 27.1 0.144 0.530 0.036 198. 131. -9.9 0.0390 0.37 0.17 1.60 141.0 10.0 289.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
17 7 28 209 11 132.2 0.232 1.015 0.035 285. 269. -8.5 0.0390 0.37 0.17 2.54 131.0 10.0 292.0 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
17 7 28 209 12 143.4 0.296 1.092 0.028 327. 387. -16.3 0.0420 0.37 0.17 3.41 169.0 10.0 293.8 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 7 28 209 13 144.9 0.331 1.141 0.024 369. 456. -22.4 0.0280 0.37 0.17 4.25 191.0 10.0 292.0 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
17 7 28 209 14 138.5 0.320 1.169 0.025 415. 435. -21.3 0.0280 0.37 0.17 4.10 180.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
17 7 28 209 15 122.9 0.327 1.156 0.024 452. 449. -25.6 0.0420 0.37 0.17 3.92 171.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
17 7 28 209 16 98.6 0.349 1.086 0.020 467. 495. -38.8 0.0420 0.37 0.18 4.31 164.0 10.0 290.9 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
17 7 28 209 17 67.4 0.348 0.963 0.020 477. 492. -56.1 0.0420 0.37 0.19 4.39 161.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
17 7 28 209 18 6.5 0.289 0.441 0.022 477. 374. -334.8 0.0420 0.37 0.25 3.88 150.0 10.0 287.0 2.0 0
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17 7 28 209 19 -11.6 0.231 -9.000 -9.000 -999. 268. 95.6 0.0390 0.37 0.43 3.35 132.0 10.0 286.4 2.0 0
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17 7 28 209 22 -7.5 0.113 -9.000 -9.000 -999. 92. 17.6 0.0340 0.37 1.00 1.79 80.0 10.0 285.9 2.0 0
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17 7 28 209 23 -6.6 0.107 -9.000 -9.000 -999. 84. 16.5 0.0340 0.37 1.00 1.69 79.0 10.0 285.9 2.0 0
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17 7 29 210 2 -4.0 0.083 -9.000 -9.000 -999. 57. 12.9 0.0340 0.37 1.00 1.31 65.0 10.0 285.9 2.0 0
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17 7 29 210 3 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0340 0.37 1.00 1.76 70.0 10.0 285.4 2.0 0
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17 7 29 210 5 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.37 1.00 1.33 15.0 10.0 285.4 2.0 0
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17 7 29 210 6 -8.3 0.122 -9.000 -9.000 -999. 102. 19.7 0.0360 0.37 0.60 1.89 107.0 10.0 285.4 2.0 0
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17 7 29 210 7 1.8 0.140 0.201 0.035 160. 125. -134.8 0.0390 0.37 0.31 1.86 122.0 10.0 285.4 2.0 0
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17 7 29 210 8 11.1 0.157 0.448 0.039 292. 149. -31.4 0.0390 0.37 0.21 1.94 132.0 10.0 285.4 2.0 0
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17 7 29 210 9 19.7 0.119 0.592 0.039 381. 98. -7.6 0.0420 0.37 0.18 1.26 171.0 10.0 286.4 2.0 0
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17 7 29 210 10 26.7 0.143 0.660 0.039 388. 130. -9.9 0.0390 0.37 0.17 1.59 122.0 10.0 287.5 2.0 0
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17 7 29 210 11 31.8 0.196 0.705 0.038 398. 209. -21.5 0.0420 0.37 0.17 2.32 166.0 10.0 288.8 2.0 0

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17 7 29 210 12 115.6 0.235 1.110 0.036 426. 274. -10.1 0.0280 0.37 0.17 2.81 195.0 10.0 290.4 2.0 0
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17 7 29 210 13 144.7 0.313 1.214 0.033 446. 421. -19.2 0.0280 0.37 0.17 3.98 185.0 10.0 292.0 2.0 0
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17 7 29 210 14 137.8 0.352 1.210 0.029 464. 501. -28.6 0.0280 0.37 0.17 4.61 201.0 10.0 290.9 2.0 0
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17 7 29 210 15 122.0 0.355 1.178 0.028 483. 508. -33.2 0.0280 0.37 0.17 4.70 208.0 10.0 290.4 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
17 7 29 210 16 98.0 0.327 1.114 0.028 508. 449. -32.0 0.0280 0.37 0.18 4.31 203.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
17 7 29 210 17 69.9 0.299 1.001 0.028 518. 394. -34.6 0.0280 0.37 0.19 3.97 200.0 10.0 289.2 2.0 0
0.00 83. 1010. 3 ADJ-A1 NoSubs
17 7 29 210 18 6.4 0.249 0.451 0.028 518. 299. -218.7 0.0280 0.37 0.25 3.57 209.0 10.0 287.0 2.0 0
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17 7 29 210 19 -9.9 0.190 -9.000 -9.000 -999. 200. 62.8 0.0450 0.37 0.43 2.71 218.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 7 29 210 20 -8.4 0.119 -9.000 -9.000 -999. 100. 18.3 0.0280 0.37 1.00 1.94 195.0 10.0 286.4 2.0 0
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17 7 29 210 21 -3.8 0.080 -9.000 -9.000 -999. 55. 12.3 0.0280 0.37 1.00 1.31 188.0 10.0 286.4 2.0 0
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17 7 29 210 22 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0280 0.37 1.00 1.38 192.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 29 210 23 -4.4 0.087 -9.000 -9.000 -999. 62. 13.7 0.0420 0.37 1.00 1.33 176.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 29 210 24 -4.1 0.084 -9.000 -9.000 -999. 59. 13.3 0.0420 0.37 1.00 1.28 172.0 10.0 285.4 2.0 0
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17 7 30 211 1 -3.9 0.082 -9.000 -9.000 -999. 56. 12.4 0.0280 0.37 1.00 1.33 188.0 10.0 285.4 2.0 0
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0.00 100. 1011. 10 ADJ-A1 NoSubs
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17 7 30 211 5 -6.9 0.109 -9.000 -9.000 -999. 87. 16.9 0.0360 0.37 1.00 1.71 118.0 10.0 285.4 2.0 0
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17 7 30 211 6 -7.8 0.118 -9.000 -9.000 -999. 98. 19.3 0.0420 0.37 0.61 1.79 160.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 30 211 7 1.7 0.098 0.163 0.031 91. 74. -49.5 0.0420 0.37 0.31 1.23 161.0 10.0 285.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
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0.00 100. 1014. 10 ADJ-A1 NoSubs
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0.00 96. 1014. 10 ADJ-A1 NoSubs
17 7 30 211 10 26.7 0.146 0.643 0.041 360. 134. -10.6 0.0280 0.37 0.17 1.76 194.0 10.0 288.1 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
17 7 30 211 11 131.5 0.261 1.123 0.039 389. 319. -12.2 0.0420 0.37 0.17 2.91 176.0 10.0 290.9 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
17 7 30 211 12 142.4 0.323 1.182 0.036 419. 441. -21.4 0.0280 0.37 0.17 4.14 191.0 10.0 291.4 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
17 7 30 211 13 144.7 0.318 1.235 0.034 470. 430. -20.0 0.0280 0.37 0.17 4.05 209.0 10.0 293.1 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
17 7 30 211 14 138.3 0.293 1.242 0.032 500. 381. -16.4 0.0450 0.37 0.17 3.32 231.0 10.0 294.2 2.0 0

0.00 65. 1012. 0 ADJ-A1 NoSubs
17 7 30 211 15 122.7 0.304 1.202 0.030 511. 402. -20.6 0.0450 0.37 0.17 3.52 220.0 10.0 294.2 2.0 0
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17 7 30 211 16 98.2 0.353 1.122 0.029 519. 503. -40.4 0.0450 0.37 0.18 4.31 226.0 10.0 292.0 2.0 0
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17 7 30 211 17 69.6 0.371 1.004 0.025 525. 542. -66.2 0.0450 0.37 0.19 4.66 224.0 10.0 289.2 2.0 0
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17 7 30 211 18 28.5 0.302 0.747 0.027 527. 401. -87.3 0.0450 0.37 0.25 3.85 231.0 10.0 288.1 2.0 0
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17 7 30 211 19 -10.7 0.209 -9.000 -9.000 -999. 233. 76.5 0.0450 0.37 0.43 2.96 224.0 10.0 287.5 2.0 0
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17 7 30 211 20 -19.6 0.198 -9.000 -9.000 -999. 212. 43.3 0.0450 0.37 1.00 2.86 230.0 10.0 287.0 2.0 0
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17 7 30 211 21 -18.2 0.185 -9.000 -9.000 -999. 190. 37.4 0.0450 0.37 1.00 2.67 232.0 10.0 287.0 2.0 0
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17 7 30 211 22 -12.0 0.146 -9.000 -9.000 -999. 134. 23.6 0.0450 0.37 1.00 2.15 225.0 10.0 286.4 2.0 0
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17 7 30 211 23 -5.4 0.097 -9.000 -9.000 -999. 73. 15.3 0.0450 0.37 1.00 1.47 233.0 10.0 286.4 2.0 0
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17 7 30 211 24 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0280 0.37 1.00 1.40 200.0 10.0 286.4 2.0 0
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17 7 31 212 1 -4.8 0.090 -9.000 -9.000 -999. 65. 13.6 0.0280 0.37 1.00 1.48 183.0 10.0 286.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 7 31 212 2 -4.5 0.087 -9.000 -9.000 -999. 61. 13.1 0.0280 0.37 1.00 1.42 192.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 31 212 3 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.37 1.00 1.28 264.0 10.0 285.9 2.0 0
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17 7 31 212 4 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0340 0.37 1.00 1.38 82.0 10.0 285.9 2.0 0
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17 7 31 212 5 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0370 0.37 1.00 1.14 11.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 31 212 6 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0340 0.37 0.61 1.09 86.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 31 212 7 1.7 0.087 0.205 0.033 180. 62. -35.0 0.0280 0.37 0.31 1.16 206.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 31 212 8 11.1 0.122 0.422 0.035 245. 102. -14.7 0.0450 0.37 0.21 1.37 237.0 10.0 286.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 7 31 212 9 41.8 0.137 0.757 0.039 373. 122. -5.5 0.0450 0.37 0.18 1.37 219.0 10.0 288.4 2.0 9999
-9.00 999. 1007. 9 ADJ-A1 Sub_CC-TT
17 7 31 212 10 91.7 0.199 1.111 0.042 540. 212. -7.7 0.0420 0.37 0.17 2.11 171.0 10.0 290.4 2.0 0
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17 7 31 212 11 131.5 0.303 1.269 0.041 561. 401. -19.1 0.0280 0.37 0.17 3.85 203.0 10.0 292.0 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
17 7 31 212 12 142.3 0.313 1.309 0.039 569. 420. -19.4 0.0280 0.37 0.17 3.98 208.0 10.0 292.0 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
17 7 31 212 13 144.3 0.322 1.321 0.037 577. 438. -20.8 0.0450 0.37 0.17 3.73 217.0 10.0 292.5 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
17 7 31 212 14 137.6 0.337 1.306 0.035 584. 470. -25.2 0.0450 0.37 0.17 3.98 225.0 10.0 292.5 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
17 7 31 212 15 121.9 0.316 1.259 0.033 590. 427. -23.4 0.0450 0.37 0.17 3.71 224.0 10.0 292.5 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
17 7 31 212 16 97.8 0.301 1.173 0.032 595. 397. -25.2 0.0280 0.37 0.18 3.91 206.0 10.0 291.4 2.0 0
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17 7 31 212 17 66.6 0.299 1.034 0.031 598. 392. -36.0 0.0280 0.37 0.20 3.97 206.0 10.0 290.4 2.0 0

0.00 80. 1010. 0 ADJ-A1 NoSubs
17 7 31 212 18 29.9 0.280 0.793 0.030 599. 356. -66.0 0.0280 0.37 0.25 3.85 197.0 10.0 288.1 2.0 0
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17 7 31 212 19 -10.5 0.190 -9.000 -9.000 -999. 202. 59.0 0.0280 0.37 0.44 2.95 199.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 7 31 212 20 -4.1 0.084 -9.000 -9.000 -999. 65. 12.7 0.0280 0.37 1.00 1.37 201.0 10.0 286.4 2.0 0
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17 7 31 212 21 -4.3 0.086 -9.000 -9.000 -999. 61. 13.4 0.0360 0.37 1.00 1.35 116.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 7 31 212 22 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0360 0.37 1.00 1.43 119.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 7 31 212 23 -3.4 0.078 -9.000 -9.000 -999. 52. 12.5 0.0420 0.37 1.00 1.16 159.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 7 31 212 24 -2.3 0.066 -9.000 -9.000 -999. 41. 11.2 0.0280 0.37 1.00 0.96 194.0 10.0 286.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 8 1 213 1 -3.6 0.080 -9.000 -9.000 -999. 54. 12.7 0.0420 0.37 1.00 1.20 158.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 8 1 213 2 -2.8 0.072 -9.000 -9.000 -999. 47. 12.1 0.0420 0.37 1.00 1.04 162.0 10.0 285.9 2.0 0
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17 8 1 213 3 -5.4 0.097 -9.000 -9.000 -999. 72. 14.9 0.0360 0.37 1.00 1.52 100.0 10.0 285.9 2.0 0
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17 8 1 213 4 -3.4 0.077 -9.000 -9.000 -999. 51. 12.1 0.0340 0.37 1.00 1.19 75.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 8 1 213 5 -2.4 0.067 -9.000 -9.000 -999. 42. 11.6 0.0340 0.37 1.00 0.96 72.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 8 1 213 6 -1.7 0.062 -9.000 -9.000 -999. 37. 12.7 0.0420 0.37 0.62 0.74 164.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 8 1 213 7 1.6 0.083 0.143 0.039 66. 57. -32.0 0.0390 0.37 0.31 1.03 138.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 8 1 213 8 52.9 0.119 0.739 0.046 274. 98. -2.9 0.0380 0.37 0.21 1.13 303.0 10.0 289.1 2.0 0
0.00 87. 1008. 4 ADJ-A1 NoSubs
17 8 1 213 9 84.3 0.145 0.889 0.044 299. 132. -3.2 0.0360 0.37 0.18 1.42 112.0 10.0 292.0 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
17 8 1 213 10 112.4 0.218 1.011 0.042 330. 244. -8.2 0.0390 0.37 0.17 2.37 145.0 10.0 294.9 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
17 8 1 213 11 132.4 0.271 1.093 0.039 354. 339. -13.6 0.0280 0.37 0.17 3.34 183.0 10.0 296.4 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
17 8 1 213 12 143.2 0.323 1.139 0.025 371. 441. -21.2 0.0280 0.37 0.17 4.14 182.0 10.0 296.4 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
17 8 1 213 13 144.5 0.366 1.159 0.018 387. 532. -30.6 0.0280 0.37 0.17 4.82 193.0 10.0 294.2 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
17 8 1 213 14 137.2 0.348 1.153 0.020 401. 493. -27.5 0.0280 0.37 0.17 4.54 202.0 10.0 292.0 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
17 8 1 213 15 121.6 0.353 1.119 0.019 414. 504. -32.6 0.0450 0.37 0.17 4.25 216.0 10.0 292.5 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
17 8 1 213 16 97.7 0.287 1.051 0.026 426. 371. -21.7 0.0280 0.37 0.18 3.68 204.0 10.0 292.5 2.0 0
0.00 70. 1007. 0 ADJ-A1 NoSubs
17 8 1 213 17 66.3 0.283 0.930 0.025 436. 362. -30.8 0.0280 0.37 0.20 3.73 196.0 10.0 290.9 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
17 8 1 213 18 29.7 0.245 0.714 0.025 439. 292. -44.5 0.0280 0.37 0.25 3.30 201.0 10.0 289.2 2.0 0
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17 8 1 213 19 -8.2 0.205 -9.000 -9.000 -999. 223. 94.1 0.0280 0.37 0.44 3.15 185.0 10.0 286.4 2.0 0
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17 8 1 213 20 -8.8 0.123 -9.000 -9.000 -999. 106. 18.9 0.0280 0.37 1.00 1.99 192.0 10.0 285.9 2.0 0

0.00 100. 1007. 0 ADJ-A1 NoSubs
17 8 1 213 21 -2.9 0.072 -9.000 -9.000 -999. 47. 11.4 0.0280 0.37 1.00 1.13 192.0 10.0 286.5 2.0 9999
-9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
17 8 1 213 22 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.37 1.00 0.97 268.0 10.0 287.0 2.0 0
0.00 96. 1006. 0 ADJ-A1 NoSubs
17 8 1 213 23 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0370 0.37 1.00 0.96 39.0 10.0 287.0 2.0 0
0.00 96. 1006. 0 ADJ-A1 NoSubs
17 8 1 213 24 -7.5 0.114 -9.000 -9.000 -999. 92. 17.5 0.0320 0.37 1.00 1.81 290.0 10.0 285.9 2.0 0
0.00 100. 1006. 0 ADJ-A1 NoSubs
17 8 2 214 1 -15.8 0.169 -9.000 -9.000 -999. 167. 31.4 0.0420 0.37 1.00 2.49 172.0 10.0 285.9 2.0 0
0.00 100. 1006. 0 ADJ-A1 NoSubs
17 8 2 214 2 -4.2 0.085 -9.000 -9.000 -999. 62. 13.2 0.0360 0.37 1.00 1.33 248.0 10.0 286.4 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
17 8 2 214 3 -2.7 0.070 -9.000 -9.000 -999. 44. 11.5 0.0320 0.37 1.00 1.04 284.0 10.0 284.9 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
17 8 2 214 4 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.37 1.00 0.97 243.0 10.0 286.4 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
17 8 2 214 5 -3.0 0.074 -9.000 -9.000 -999. 48. 12.3 0.0450 0.37 1.00 1.06 227.0 10.0 285.9 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
17 8 2 214 6 -8.6 0.125 -9.000 -9.000 -999. 106. 20.2 0.0280 0.37 0.63 2.01 188.0 10.0 286.4 2.0 0
0.00 100. 1007. 5 ADJ-A1 NoSubs
17 8 2 214 7 1.7 0.155 0.100 0.032 21. 146. -196.7 0.0420 0.37 0.32 2.06 173.0 10.0 287.0 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 8 2 214 8 43.4 0.157 0.506 0.032 107. 149. -8.0 0.0450 0.37 0.21 1.65 221.0 10.0 288.8 2.0 0
0.00 92. 1008. 7 ADJ-A1 NoSubs
17 8 2 214 9 84.4 0.189 0.753 0.031 182. 197. -7.2 0.0420 0.37 0.18 1.99 164.0 10.0 293.8 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
17 8 2 214 10 112.7 0.154 0.917 0.028 246. 145. -2.9 0.0370 0.37 0.17 1.47 48.0 10.0 297.0 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
17 8 2 214 11 134.3 0.175 1.042 0.025 303. 176. -3.6 0.0390 0.37 0.17 1.71 133.0 10.0 302.5 2.0 0
0.00 39. 1007. 0 ADJ-A1 NoSubs
17 8 2 214 12 146.0 0.249 1.107 0.022 334. 299. -9.5 0.0280 0.37 0.17 2.96 191.0 10.0 304.9 2.0 0
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17 8 2 214 13 147.5 0.334 1.141 0.015 362. 464. -22.7 0.0450 0.37 0.17 3.91 214.0 10.0 303.8 2.0 0
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17 8 2 214 14 140.7 0.305 1.176 0.017 415. 405. -18.1 0.0450 0.37 0.17 3.49 228.0 10.0 303.8 2.0 0
0.00 30. 1007. 0 ADJ-A1 NoSubs
17 8 2 214 15 123.9 0.345 1.162 0.014 455. 486. -29.8 0.0280 0.37 0.17 4.53 194.0 10.0 300.9 2.0 0
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17 8 2 214 16 97.9 0.333 1.093 0.014 480. 461. -33.9 0.0280 0.37 0.18 4.41 203.0 10.0 294.9 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
17 8 2 214 17 68.1 0.195 0.987 0.013 508. 218. -9.7 0.0360 0.37 0.20 2.20 263.0 10.0 298.8 2.0 0
0.00 45. 1008. 0 ADJ-A1 NoSubs
17 8 2 214 18 32.2 0.187 0.778 0.013 525. 195. -18.4 0.0450 0.37 0.26 2.15 227.0 10.0 299.9 2.0 0
0.00 42. 1008. 0 ADJ-A1 NoSubs
17 8 2 214 19 -4.0 0.118 -9.000 -9.000 -999. 98. 36.3 0.0420 0.37 0.45 1.72 154.0 10.0 294.2 2.0 0
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17 8 2 214 20 -14.6 0.163 -9.000 -9.000 -999. 158. 29.3 0.0440 0.37 1.00 2.39 331.0 10.0 290.9 2.0 0
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17 8 2 214 21 -17.1 0.177 -9.000 -9.000 -999. 179. 34.5 0.0450 0.37 1.00 2.57 217.0 10.0 290.4 2.0 0
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17 8 2 214 22 -15.7 0.168 -9.000 -9.000 -999. 165. 30.9 0.0320 0.37 1.00 2.59 277.0 10.0 292.5 2.0 0
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17 8 2 214 23 -18.1 0.188 -9.000 -9.000 -999. 195. 38.7 0.0450 0.37 1.00 2.71 220.0 10.0 291.4 2.0 0

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17 8 2 214 24 -4.1 0.085 -9.000 -9.000 -999. 65. 13.4 0.0390 0.37 1.00 1.31 136.0 10.0 291.4 2.0 0
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17 8 3 215 1 -5.8 0.101 -9.000 -9.000 -999. 77. 16.0 0.0440 0.37 1.00 1.53 352.0 10.0 291.4 2.0 0
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17 8 3 215 2 -8.2 0.120 -9.000 -9.000 -999. 100. 19.0 0.0360 0.37 1.00 1.87 259.0 10.0 292.0 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
17 8 3 215 3 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0280 0.37 1.00 1.26 186.0 10.0 290.9 2.0 0
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17 8 3 215 4 -5.4 0.097 -9.000 -9.000 -999. 72. 15.2 0.0390 0.37 1.00 1.50 139.0 10.0 290.9 2.0 0
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17 8 3 215 5 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0320 0.37 1.00 1.35 271.0 10.0 290.9 2.0 0
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17 8 3 215 6 -3.4 0.077 -9.000 -9.000 -999. 52. 12.5 0.0320 0.37 0.63 1.23 286.0 10.0 290.9 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
17 8 3 215 7 12.6 0.090 0.312 0.031 86. 65. -5.2 0.0320 0.37 0.32 0.97 279.0 10.0 292.0 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
17 8 3 215 8 50.5 0.108 0.608 0.031 160. 85. -2.2 0.0420 0.37 0.22 0.96 173.0 10.0 294.2 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
17 8 3 215 9 84.6 0.180 0.812 0.028 228. 183. -6.2 0.0280 0.37 0.18 2.04 184.0 10.0 295.4 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
17 8 3 215 10 112.8 0.192 0.948 0.025 272. 202. -5.7 0.0450 0.37 0.17 1.93 235.0 10.0 298.1 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
17 8 3 215 11 132.8 0.223 1.059 0.022 322. 253. -7.5 0.0360 0.37 0.17 2.45 250.0 10.0 299.2 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
17 8 3 215 12 143.2 0.281 1.137 0.019 370. 357. -13.9 0.0360 0.37 0.17 3.29 246.0 10.0 298.1 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
17 8 3 215 13 144.6 0.337 1.183 0.015 412. 468. -23.7 0.0450 0.37 0.17 3.95 234.0 10.0 296.4 2.0 0
0.00 61. 1010. 0 ADJ-A1 NoSubs
17 8 3 215 14 137.5 0.303 1.228 0.014 485. 401. -18.2 0.0450 0.37 0.17 3.47 215.0 10.0 295.4 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
17 8 3 215 15 122.3 0.287 1.205 0.012 516. 370. -17.4 0.0320 0.37 0.17 3.52 270.0 10.0 297.0 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
17 8 3 215 16 98.3 0.221 1.138 0.011 539. 251. -9.9 0.0450 0.37 0.18 2.38 212.0 10.0 297.5 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
17 8 3 215 17 67.4 0.186 1.013 0.010 555. 192. -8.5 0.0280 0.37 0.20 2.18 208.0 10.0 298.1 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
17 8 3 215 18 30.7 0.153 0.783 0.010 561. 144. -10.6 0.0420 0.37 0.26 1.69 159.0 10.0 297.0 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
17 8 3 215 19 -4.3 0.120 -9.000 -9.000 -999. 100. 35.7 0.0280 0.37 0.45 1.88 204.0 10.0 294.9 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
17 8 3 215 20 -2.5 0.068 -9.000 -9.000 -999. 43. 11.2 0.0280 0.37 1.00 1.03 181.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 8 3 215 21 -5.2 0.095 -9.000 -9.000 -999. 70. 14.7 0.0320 0.37 1.00 1.52 271.0 10.0 294.2 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
17 8 3 215 22 -5.3 0.096 -9.000 -9.000 -999. 72. 15.1 0.0380 0.37 1.00 1.50 313.0 10.0 294.2 2.0 0
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17 8 3 215 23 -17.7 0.184 -9.000 -9.000 -999. 189. 37.1 0.0280 0.37 1.00 2.89 188.0 10.0 293.1 2.0 0
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17 8 3 215 24 -4.8 0.091 -9.000 -9.000 -999. 70. 14.3 0.0380 0.37 1.00 1.42 315.0 10.0 292.0 2.0 0
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17 8 4 216 1 -9.8 0.130 -9.000 -9.000 -999. 113. 20.3 0.0280 0.37 1.00 2.10 182.0 10.0 291.4 2.0 0
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0.00 89. 1008. 0 ADJ-A1 NoSubs
17 8 4 216 3 -18.0 0.185 -9.000 -9.000 -999. 191. 37.6 0.0420 0.37 1.00 2.71 160.0 10.0 289.9 2.0 0
0.00 100. 1009. 5 ADJ-A1 NoSubs
17 8 4 216 4 -6.0 0.103 -9.000 -9.000 -999. 81. 16.2 0.0420 0.37 1.00 1.57 178.0 10.0 289.9 2.0 0
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17 8 4 216 5 -3.1 0.075 -9.000 -9.000 -999. 50. 12.3 0.0420 0.37 1.00 1.11 168.0 10.0 290.4 2.0 0
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17 8 4 216 6 -2.2 0.067 -9.000 -9.000 -999. 42. 12.1 0.0440 0.37 0.64 0.92 349.0 10.0 290.9 2.0 0
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17 8 4 216 7 15.6 0.101 0.306 0.018 66. 77. -6.0 0.0360 0.37 0.32 1.08 266.0 10.0 291.4 2.0 0
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17 8 4 216 8 12.0 0.099 0.309 0.017 88. 75. -7.3 0.0370 0.37 0.22 1.08 27.0 10.0 292.5 2.0 0
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17 8 4 216 9 84.2 0.104 0.752 0.013 182. 81. -1.2 0.0370 0.37 0.18 0.86 25.0 10.0 295.4 2.0 0
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17 8 4 216 10 112.1 0.142 0.981 0.010 303. 129. -2.3 0.0370 0.37 0.17 1.31 37.0 10.0 297.0 2.0 0
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17 8 4 216 11 132.1 0.161 1.138 0.006 401. 155. -2.8 0.0390 0.37 0.17 1.52 145.0 10.0 298.1 2.0 0
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17 8 4 216 12 143.5 0.286 1.247 0.005 487. 367. -14.6 0.0280 0.37 0.17 3.54 182.0 10.0 299.9 2.0 0
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17 8 4 216 13 144.2 0.400 1.360 0.005 629. 608. -40.1 0.0280 0.37 0.17 5.36 195.0 10.0 295.9 2.0 0
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17 8 4 216 14 137.9 0.319 1.911 0.005 1825. 437. -21.3 0.0280 0.37 0.17 4.09 191.0 10.0 297.5 2.0 0
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17 8 4 216 15 121.9 0.331 1.863 0.005 1912. 457. -26.7 0.0280 0.37 0.17 4.31 196.0 10.0 297.0 2.0 0
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17 8 4 216 16 97.8 0.322 1.752 0.005 1980. 438. -30.6 0.0450 0.37 0.18 3.85 210.0 10.0 297.0 2.0 0
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17 8 4 216 17 65.8 0.280 1.545 0.005 2017. 357. -30.0 0.0280 0.37 0.20 3.68 204.0 10.0 294.2 2.0 0
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17 8 4 216 18 29.0 0.269 1.179 0.005 2032. 335. -60.3 0.0280 0.37 0.26 3.68 193.0 10.0 292.5 2.0 0
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17 8 4 216 19 -7.4 0.167 -9.000 -9.000 -999. 168. 56.6 0.0280 0.37 0.45 2.59 183.0 10.0 290.4 2.0 0
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17 8 4 216 20 -7.0 0.110 -9.000 -9.000 -999. 88. 16.8 0.0280 0.37 1.00 1.79 193.0 10.0 289.2 2.0 0
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17 8 4 216 21 -2.9 0.073 -9.000 -9.000 -999. 47. 12.2 0.0450 0.37 1.00 1.04 216.0 10.0 289.2 2.0 0
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17 8 4 216 22 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0360 0.37 1.00 1.45 240.0 10.0 288.1 2.0 0
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17 8 4 216 23 -4.6 0.090 -9.000 -9.000 -999. 64. 14.2 0.0450 0.37 1.00 1.35 234.0 10.0 288.1 2.0 0
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17 8 4 216 24 -2.6 0.069 -9.000 -9.000 -999. 44. 11.3 0.0280 0.37 1.00 1.06 207.0 10.0 288.1 2.0 0
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17 8 5 217 1 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0370 0.37 1.00 0.96 18.0 10.0 289.2 2.0 0
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17 8 5 217 2 -11.6 0.144 -9.000 -9.000 -999. 131. 22.8 0.0360 0.37 1.00 2.20 115.0 10.0 288.1 2.0 0
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17 8 5 217 3 -12.3 0.148 -9.000 -9.000 -999. 137. 24.1 0.0390 0.37 1.00 2.23 123.0 10.0 287.5 2.0 0
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17 8 5 217 4 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0360 0.37 1.00 1.65 114.0 10.0 287.5 2.0 0
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17 8 5 217 5 -4.5 0.089 -9.000 -9.000 -999. 63. 13.8 0.0390 0.37 1.00 1.37 149.0 10.0 287.5 2.0 0

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17 8 5 217 6 -2.4 0.067 -9.000 -9.000 -999. 41. 11.2 0.0280 0.37 0.65 1.01 180.0 10.0 287.5 2.0 0
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17 8 5 217 7 1.6 0.099 0.175 0.029 121. 75. -54.5 0.0340 0.37 0.32 1.30 74.0 10.0 288.1 2.0 0
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17 8 5 217 8 11.1 0.125 0.383 0.029 182. 106. -15.7 0.0420 0.37 0.22 1.43 172.0 10.0 288.8 2.0 0
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17 8 5 217 9 82.3 0.171 0.910 0.033 329. 170. -5.5 0.0420 0.37 0.18 1.74 162.0 10.0 292.0 2.0 0
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17 8 5 217 10 110.7 0.275 1.083 0.033 413. 347. -17.0 0.0420 0.37 0.17 3.18 162.0 10.0 293.1 2.0 0
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17 8 5 217 11 131.0 0.278 1.204 0.031 480. 352. -14.8 0.0420 0.37 0.17 3.17 163.0 10.0 295.4 2.0 0
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17 8 5 217 12 141.7 0.336 1.256 0.029 504. 467. -24.0 0.0280 0.37 0.17 4.34 198.0 10.0 294.9 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
17 8 5 217 13 143.6 0.333 1.274 0.027 518. 461. -23.1 0.0450 0.37 0.17 3.90 218.0 10.0 294.9 2.0 0
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17 8 5 217 14 136.5 0.338 1.260 0.025 527. 471. -25.3 0.0280 0.37 0.17 4.38 204.0 10.0 293.8 2.0 0
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17 8 5 217 15 120.3 0.396 1.214 0.013 535. 598. -46.5 0.0450 0.37 0.17 4.88 218.0 10.0 292.5 2.0 0
0.00 78. 1008. 0 ADJ-A1 NoSubs
17 8 5 217 16 96.0 0.343 1.131 0.022 542. 484. -37.8 0.0450 0.37 0.18 4.17 224.0 10.0 292.0 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
17 8 5 217 17 15.2 0.283 0.612 0.022 542. 363. -133.8 0.0280 0.37 0.20 4.00 209.0 10.0 289.9 2.0 0
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17 8 5 217 18 6.0 0.210 0.448 0.022 542. 234. -140.3 0.0450 0.37 0.26 2.73 224.0 10.0 289.2 2.0 0
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17 8 5 217 19 -8.6 0.141 -9.000 -9.000 -999. 128. 29.3 0.0280 0.37 0.46 2.22 192.0 10.0 288.1 2.0 0
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17 8 5 217 20 -10.1 0.132 -9.000 -9.000 -999. 115. 20.5 0.0280 0.37 1.00 2.13 201.0 10.0 288.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 8 5 217 21 -2.7 0.071 -9.000 -9.000 -999. 46. 11.9 0.0390 0.37 1.00 1.03 148.0 10.0 288.1 2.0 0
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17 8 5 217 22 -6.7 0.108 -9.000 -9.000 -999. 86. 17.1 0.0420 0.37 1.00 1.65 166.0 10.0 288.1 2.0 0
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17 8 5 217 23 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0360 0.37 1.00 1.74 112.0 10.0 288.1 2.0 0
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17 8 5 217 24 -5.8 0.100 -9.000 -9.000 -999. 76. 15.5 0.0360 0.37 1.00 1.57 106.0 10.0 288.1 2.0 0
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17 8 6 218 1 -4.1 0.084 -9.000 -9.000 -999. 58. 13.1 0.0360 0.37 1.00 1.31 117.0 10.0 287.5 2.0 0
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17 8 6 218 2 -4.1 0.084 -9.000 -9.000 -999. 58. 12.8 0.0280 0.37 1.00 1.37 202.0 10.0 287.5 2.0 0
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17 8 6 218 3 -4.4 0.087 -9.000 -9.000 -999. 62. 13.7 0.0420 0.37 1.00 1.33 177.0 10.0 287.5 2.0 0
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17 8 6 218 4 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.37 1.00 1.25 110.0 10.0 287.5 2.0 0
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17 8 6 218 5 -5.1 0.093 -9.000 -9.000 -999. 68. 14.3 0.0340 0.37 1.00 1.48 62.0 10.0 287.5 2.0 0
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17 8 6 218 6 -4.3 0.086 -9.000 -9.000 -999. 61. 13.5 0.0340 0.37 0.66 1.37 65.0 10.0 288.1 2.0 0
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17 8 6 218 7 1.5 0.113 0.159 0.005 98. 91. -86.6 0.0360 0.37 0.32 1.50 96.0 10.0 288.1 2.0 0
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17 8 6 218 8 11.0 0.134 0.458 0.017 314. 118. -19.7 0.0340 0.37 0.22 1.64 65.0 10.0 288.8 2.0 0

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17 8 6 218 9 19.8 0.158 0.578 0.024 351. 150. -17.8 0.0390 0.37 0.18 1.86 133.0 10.0 290.4 2.0 0
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17 8 6 218 10 107.6 0.192 1.149 0.032 507. 202. -5.9 0.0390 0.37 0.17 2.01 141.0 10.0 292.0 2.0 0
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17 8 6 218 11 130.6 0.250 1.337 0.033 659. 300. -10.8 0.0420 0.37 0.17 2.76 160.0 10.0 294.9 2.0 0
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17 8 6 218 12 141.5 0.299 1.390 0.031 683. 393. -17.0 0.0280 0.37 0.17 3.76 194.0 10.0 295.4 2.0 0
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17 8 6 218 13 143.1 0.403 1.411 0.030 707. 615. -41.2 0.0450 0.37 0.17 4.93 214.0 10.0 294.2 2.0 0
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17 8 6 218 14 136.2 0.407 1.402 0.029 728. 623. -44.5 0.0450 0.37 0.17 5.00 225.0 10.0 293.8 2.0 0
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17 8 6 218 15 119.9 0.419 1.356 0.028 748. 651. -55.1 0.0450 0.37 0.17 5.21 223.0 10.0 292.5 2.0 0
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17 8 6 218 16 95.6 0.403 1.266 0.027 764. 614. -61.4 0.0450 0.37 0.18 5.04 220.0 10.0 292.0 2.0 0
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17 8 6 218 17 64.0 0.385 1.112 0.027 771. 573. -79.9 0.0450 0.37 0.20 4.88 221.0 10.0 290.9 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
17 8 6 218 18 27.3 0.338 0.838 0.027 774. 473. -127.2 0.0450 0.37 0.26 4.37 215.0 10.0 289.9 2.0 0
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17 8 6 218 19 -5.0 0.208 -9.000 -9.000 -999. 238. 160.1 0.0280 0.37 0.46 3.16 199.0 10.0 288.8 2.0 0
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17 8 6 218 20 -17.4 0.178 -9.000 -9.000 -999. 180. 34.7 0.0420 0.37 1.00 2.61 165.0 10.0 288.8 2.0 0
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17 8 6 218 21 -17.0 0.175 -9.000 -9.000 -999. 176. 33.8 0.0390 0.37 1.00 2.61 123.0 10.0 288.8 2.0 0
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17 8 6 218 22 -17.9 0.183 -9.000 -9.000 -999. 188. 36.9 0.0360 0.37 1.00 2.76 98.0 10.0 288.8 2.0 0
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17 8 6 218 23 -16.7 0.173 -9.000 -9.000 -999. 172. 32.8 0.0340 0.37 1.00 2.64 84.0 10.0 288.8 2.0 0
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17 8 6 218 24 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0340 0.37 1.00 2.10 82.0 10.0 288.1 2.0 0
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17 8 7 219 1 -6.5 0.106 -9.000 -9.000 -999. 83. 16.5 0.0370 0.37 1.00 1.65 32.0 10.0 288.1 2.0 0
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17 8 7 219 2 -2.7 0.071 -9.000 -9.000 -999. 46. 11.8 0.0370 0.37 1.00 1.04 49.0 10.0 287.5 2.0 0
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17 8 7 219 3 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0320 0.37 1.00 1.09 297.0 10.0 286.4 2.0 0
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17 8 7 219 4 -3.4 0.077 -9.000 -9.000 -999. 51. 12.2 0.0360 0.37 1.00 1.18 268.0 10.0 287.5 2.0 0
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17 8 7 219 5 -4.6 0.090 -9.000 -9.000 -999. 64. 14.2 0.0450 0.37 1.00 1.35 234.0 10.0 287.5 2.0 0
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17 8 7 219 6 -2.7 0.071 -9.000 -9.000 -999. 46. 12.1 0.0440 0.37 0.66 1.01 356.0 10.0 287.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 8 7 219 7 1.4 0.116 0.193 0.005 187. 95. -102.4 0.0370 0.37 0.33 1.55 33.0 10.0 288.1 2.0 0
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17 8 7 219 8 11.0 0.109 0.468 0.014 337. 87. -10.8 0.0420 0.37 0.22 1.21 163.0 10.0 289.2 2.0 0
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17 8 7 219 9 19.8 0.109 0.598 0.024 388. 86. -5.9 0.0360 0.37 0.18 1.16 262.0 10.0 290.9 2.0 0
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17 8 7 219 10 107.5 0.184 1.211 0.032 595. 189. -5.2 0.0450 0.37 0.17 1.82 228.0 10.0 293.1 2.0 0
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17 8 7 219 11 130.3 0.265 1.381 0.030 729. 328. -12.9 0.0280 0.37 0.17 3.25 191.0 10.0 294.9 2.0 0

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17 8 7 219 12 141.6 0.302 1.440 0.029 759. 399. -17.6 0.0280 0.37 0.17 3.81 208.0 10.0 296.4 2.0 0
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17 8 7 219 13 143.1 0.351 1.455 0.027 776. 500. -27.3 0.0450 0.37 0.17 4.17 226.0 10.0 295.4 2.0 0
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17 8 7 219 14 136.4 0.334 1.444 0.026 795. 463. -24.5 0.0450 0.37 0.17 3.93 211.0 10.0 295.9 2.0 0
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17 8 7 219 15 120.5 0.327 1.396 0.025 814. 450. -26.2 0.0280 0.37 0.17 4.26 191.0 10.0 295.9 2.0 0
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17 8 7 219 16 95.6 0.398 1.296 0.024 820. 603. -59.5 0.0280 0.37 0.18 5.45 195.0 10.0 293.8 2.0 0
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17 8 7 219 17 64.1 0.328 1.136 0.024 823. 454. -49.5 0.0280 0.37 0.20 4.44 193.0 10.0 293.1 2.0 0
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17 8 7 219 18 27.1 0.275 0.853 0.024 825. 347. -69.0 0.0420 0.37 0.26 3.51 166.0 10.0 291.4 2.0 0
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17 8 7 219 19 -11.4 0.218 -9.000 -9.000 -999. 246. 82.0 0.0360 0.37 0.47 3.22 117.0 10.0 289.9 2.0 0
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17 8 7 219 20 -23.1 0.236 -9.000 -9.000 -999. 276. 61.5 0.0360 0.37 1.00 3.52 95.0 10.0 288.8 2.0 0
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17 8 7 219 21 -18.3 0.187 -9.000 -9.000 -999. 194. 38.4 0.0340 0.37 1.00 2.84 89.0 10.0 288.8 2.0 0
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17 8 7 219 22 -17.5 0.178 -9.000 -9.000 -999. 181. 35.0 0.0340 0.37 1.00 2.72 75.0 10.0 288.8 2.0 0
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17 8 7 219 24 -5.1 0.094 -9.000 -9.000 -999. 70. 14.9 0.0440 0.37 1.00 1.43 355.0 10.0 288.1 2.0 0
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17 8 8 220 1 -5.5 0.098 -9.000 -9.000 -999. 73. 15.2 0.0380 0.37 1.00 1.52 316.0 10.0 287.0 2.0 0
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17 8 8 220 6 -2.4 0.069 -9.000 -9.000 -999. 43. 12.1 0.0440 0.37 0.67 0.94 330.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
17 8 8 220 7 1.3 0.073 0.192 0.016 200. 48. -27.9 0.0370 0.37 0.33 0.91 10.0 10.0 288.1 2.0 0
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17 8 8 220 8 10.6 0.122 0.418 0.019 247. 102. -15.2 0.0370 0.37 0.22 1.43 38.0 10.0 288.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 8 8 220 9 19.3 0.126 0.553 0.022 315. 107. -9.3 0.0340 0.37 0.18 1.43 85.0 10.0 288.8 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
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17 8 8 220 11 125.6 0.192 1.292 0.032 619. 201. -5.0 0.0390 0.37 0.17 1.96 130.0 10.0 293.1 2.0 0
0.00 75. 1010. 5 ADJ-A1 NoSubs
17 8 8 220 12 140.8 0.273 1.355 0.031 637. 343. -13.0 0.0280 0.37 0.17 3.35 191.0 10.0 294.9 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 8 8 220 13 142.7 0.380 1.370 0.029 649. 562. -34.6 0.0450 0.37 0.17 4.59 231.0 10.0 294.9 2.0 0
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17 8 8 220 14 135.6 0.406 1.354 0.028 659. 621. -44.5 0.0450 0.37 0.17 4.99 226.0 10.0 294.2 2.0 0

0.00 67. 1009. 0 ADJ-A1 NoSubs
17 8 8 220 15 119.5 0.396 1.303 0.026 667. 598. -46.7 0.0450 0.37 0.17 4.88 214.0 10.0 293.8 2.0 0
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17 8 8 220 16 94.7 0.401 1.210 0.025 674. 610. -61.3 0.0450 0.37 0.18 5.02 210.0 10.0 292.0 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
17 8 8 220 17 63.3 0.277 1.061 0.025 678. 360. -30.2 0.0280 0.37 0.20 3.64 190.0 10.0 292.0 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
17 8 8 220 18 26.4 0.240 0.793 0.024 680. 283. -47.3 0.0390 0.37 0.26 3.05 149.0 10.0 290.9 2.0 0
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17 8 8 220 19 -6.0 0.243 -9.000 -9.000 -999. 288. 214.5 0.0360 0.37 0.48 3.52 104.0 10.0 289.9 2.0 0
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17 8 8 220 20 -25.2 0.258 -9.000 -9.000 -999. 315. 73.4 0.0360 0.37 1.00 3.83 93.0 10.0 289.2 2.0 0
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17 8 8 220 21 -21.5 0.220 -9.000 -9.000 -999. 249. 53.4 0.0360 0.37 1.00 3.29 97.0 10.0 289.2 2.0 0
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17 8 8 220 22 -18.6 0.190 -9.000 -9.000 -999. 199. 39.8 0.0340 0.37 1.00 2.89 82.0 10.0 288.8 2.0 0
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17 8 8 220 23 -19.2 0.196 -9.000 -9.000 -999. 209. 42.5 0.0340 0.37 1.00 2.98 65.0 10.0 288.8 2.0 0
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17 8 8 220 24 -10.1 0.134 -9.000 -9.000 -999. 118. 21.2 0.0370 0.37 1.00 2.05 50.0 10.0 289.2 2.0 0
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17 8 9 221 1 -3.4 0.077 -9.000 -9.000 -999. 52. 12.3 0.0370 0.37 1.00 1.18 39.0 10.0 288.8 2.0 0
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17 8 9 221 2 -4.1 0.084 -9.000 -9.000 -999. 59. 13.3 0.0390 0.37 1.00 1.30 126.0 10.0 288.8 2.0 0
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17 8 9 221 3 -2.9 0.074 -9.000 -9.000 -999. 48. 12.2 0.0440 0.37 1.00 1.06 331.0 10.0 288.8 2.0 0
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17 8 9 221 4 -6.8 0.109 -9.000 -9.000 -999. 86. 17.0 0.0380 0.37 1.00 1.69 304.0 10.0 288.1 2.0 0
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17 8 9 221 5 -5.2 0.095 -9.000 -9.000 -999. 70. 14.5 0.0320 0.37 1.00 1.52 272.0 10.0 288.1 2.0 0
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17 8 9 221 6 -2.7 0.070 -9.000 -9.000 -999. 45. 11.6 0.0320 0.37 0.68 1.06 273.0 10.0 288.1 2.0 0
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17 8 9 221 7 1.2 0.086 0.144 0.005 92. 60. -48.4 0.0450 0.37 0.33 1.06 232.0 10.0 288.1 2.0 0
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17 8 9 221 8 10.7 0.098 0.392 0.014 202. 73. -7.9 0.0320 0.37 0.22 1.11 278.0 10.0 288.8 2.0 0
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17 8 9 221 10 26.4 0.119 0.625 0.016 332. 99. -5.8 0.0450 0.37 0.17 1.20 212.0 10.0 290.4 2.0 0
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17 8 9 221 11 31.5 0.186 0.704 0.019 398. 192. -18.3 0.0420 0.37 0.17 2.16 163.0 10.0 290.9 2.0 0
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17 8 9 221 12 34.5 0.228 0.761 0.024 460. 261. -30.9 0.0280 0.37 0.17 3.00 204.0 10.0 292.0 2.0 0
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17 8 9 221 13 115.4 0.304 1.235 0.035 589. 402. -21.9 0.0280 0.37 0.17 3.90 196.0 10.0 293.1 2.0 0
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17 8 9 221 14 135.4 0.313 1.317 0.034 608. 419. -20.3 0.0420 0.37 0.17 3.67 175.0 10.0 294.9 2.0 0
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17 8 9 221 15 119.4 0.275 1.274 0.032 624. 346. -15.6 0.0390 0.37 0.17 3.20 149.0 10.0 294.9 2.0 0
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17 8 9 221 16 95.1 0.274 1.188 0.031 634. 344. -19.4 0.0390 0.37 0.18 3.25 136.0 10.0 295.4 2.0 0
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17 8 9 221 17 63.3 0.300 1.041 0.030 641. 393. -38.1 0.0390 0.37 0.20 3.75 123.0 10.0 294.2 2.0 0

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17 8 9 221 18 26.3 0.318 0.778 0.030 643. 430. -109.6 0.0390 0.37 0.27 4.20 123.0 10.0 293.1 2.0 0
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17 8 9 221 19 -15.8 0.280 -9.000 -9.000 -999. 356. 124.8 0.0360 0.37 0.48 4.09 108.0 10.0 290.9 2.0 0
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17 8 9 221 20 -23.9 0.245 -9.000 -9.000 -999. 292. 66.1 0.0340 0.37 1.00 3.68 84.0 10.0 289.9 2.0 0
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17 8 9 221 21 -17.9 0.183 -9.000 -9.000 -999. 188. 36.7 0.0340 0.37 1.00 2.78 61.0 10.0 288.8 2.0 0
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17 8 9 221 22 -4.8 0.091 -9.000 -9.000 -999. 69. 14.1 0.0370 0.37 1.00 1.42 23.0 10.0 288.8 2.0 0
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17 8 9 221 23 -3.3 0.077 -9.000 -9.000 -999. 52. 12.6 0.0440 0.37 1.00 1.14 341.0 10.0 288.1 2.0 0
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17 8 9 221 24 -3.3 0.077 -9.000 -9.000 -999. 51. 12.3 0.0380 0.37 1.00 1.16 307.0 10.0 287.5 2.0 0
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17 8 10 222 1 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0380 0.37 1.00 1.40 317.0 10.0 287.0 2.0 0
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17 8 10 222 2 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0380 0.37 1.00 1.30 310.0 10.0 286.4 2.0 0
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17 8 10 222 3 -1.8 0.063 -9.000 -9.000 -999. 38. 12.4 0.0380 0.37 1.00 0.77 301.0 10.0 287.5 2.0 0
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17 8 10 222 5 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0380 0.37 1.00 0.87 311.0 10.0 288.1 2.0 0
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17 8 10 222 7 1.3 0.075 0.167 0.005 130. 49. -29.6 0.0360 0.37 0.33 0.94 263.0 10.0 289.2 2.0 0
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17 8 10 222 8 10.7 0.137 0.420 0.013 249. 122. -21.8 0.0450 0.37 0.22 1.60 232.0 10.0 289.2 2.0 0
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17 8 10 222 9 19.4 0.123 0.548 0.015 305. 104. -8.7 0.0450 0.37 0.19 1.31 229.0 10.0 290.4 2.0 0
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17 8 10 222 10 26.3 0.156 0.646 0.016 368. 147. -12.9 0.0360 0.37 0.17 1.81 245.0 10.0 290.4 2.0 0
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17 8 10 222 12 140.0 0.340 1.363 0.037 652. 476. -25.2 0.0280 0.37 0.17 4.41 186.0 10.0 294.2 2.0 0
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17 8 10 222 13 141.7 0.316 1.382 0.036 672. 426. -19.9 0.0280 0.37 0.17 4.02 201.0 10.0 293.8 2.0 0
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17 8 10 222 14 134.9 0.313 1.372 0.034 690. 421. -20.5 0.0420 0.37 0.17 3.68 171.0 10.0 294.2 2.0 0
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17 8 10 222 15 119.1 0.292 1.327 0.033 706. 380. -18.9 0.0420 0.37 0.17 3.41 159.0 10.0 295.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
17 8 10 222 16 94.5 0.284 1.237 0.031 721. 363. -21.7 0.0420 0.37 0.18 3.35 156.0 10.0 294.9 2.0 0
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17 8 10 222 17 62.6 0.293 1.084 0.031 730. 381. -36.2 0.0390 0.37 0.20 3.66 129.0 10.0 293.8 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
17 8 10 222 18 25.4 0.324 0.804 0.031 733. 442. -120.0 0.0360 0.37 0.27 4.36 105.0 10.0 292.0 2.0 0
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17 8 10 222 19 -15.7 0.263 -9.000 -9.000 -999. 325. 104.1 0.0360 0.37 0.49 3.86 96.0 10.0 289.9 2.0 0
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17 8 10 222 20 -25.4 0.260 -9.000 -9.000 -999. 318. 74.2 0.0360 0.37 1.00 3.85 94.0 10.0 288.8 2.0 0

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17 8 10 222 21 -21.4 0.219 -9.000 -9.000 -999. 246. 52.6 0.0340 0.37 1.00 3.30 70.0 10.0 288.8 2.0 0
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17 8 10 222 22 -17.1 0.175 -9.000 -9.000 -999. 176. 33.7 0.0340 0.37 1.00 2.67 62.0 10.0 288.8 2.0 0
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17 8 10 222 23 -5.0 0.093 -9.000 -9.000 -999. 70. 14.4 0.0370 0.37 1.00 1.45 32.0 10.0 288.8 2.0 0
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17 8 10 222 24 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0370 0.37 1.00 0.91 31.0 10.0 288.1 2.0 0
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17 8 11 223 1 -2.5 0.068 -9.000 -9.000 -999. 43. 11.7 0.0370 0.37 1.00 0.97 14.0 10.0 288.1 2.0 0
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17 8 11 223 2 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0320 0.37 1.00 1.08 294.0 10.0 287.5 2.0 0
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17 8 11 223 3 -2.3 0.067 -9.000 -9.000 -999. 41. 11.7 0.0360 0.37 1.00 0.92 265.0 10.0 287.5 2.0 0
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17 8 11 223 4 -2.5 0.070 -9.000 -9.000 -999. 44. 12.1 0.0440 0.37 1.00 0.96 351.0 10.0 287.5 2.0 0
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17 8 11 223 5 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.37 1.00 1.33 3.0 10.0 287.5 2.0 0
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17 8 11 223 6 -3.5 0.079 -9.000 -9.000 -999. 53. 12.6 0.0380 0.37 0.69 1.21 314.0 10.0 287.0 2.0 0
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17 8 11 223 7 0.8 0.107 0.140 0.011 118. 84. -132.1 0.0320 0.37 0.33 1.48 283.0 10.0 287.5 2.0 0
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17 8 11 223 8 10.3 0.109 0.375 0.016 183. 86. -11.3 0.0360 0.37 0.22 1.25 268.0 10.0 288.1 2.0 0
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17 8 11 223 9 19.0 0.105 0.518 0.019 263. 81. -5.4 0.0390 0.37 0.19 1.08 148.0 10.0 288.8 2.0 0
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17 8 11 223 10 26.4 0.113 0.633 0.026 346. 92. -5.0 0.0280 0.37 0.17 1.25 187.0 10.0 290.9 2.0 0
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17 8 11 223 11 128.9 0.219 1.242 0.037 535. 247. -7.4 0.0420 0.37 0.17 2.32 160.0 10.0 294.2 2.0 0
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17 8 11 223 12 139.7 0.330 1.291 0.035 555. 454. -23.1 0.0280 0.37 0.17 4.25 195.0 10.0 294.2 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 8 11 223 13 141.4 0.358 1.311 0.033 574. 515. -29.3 0.0280 0.37 0.17 4.70 187.0 10.0 293.8 2.0 0
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17 8 11 223 14 134.8 0.286 1.319 0.031 612. 369. -15.5 0.0420 0.37 0.17 3.27 162.0 10.0 295.4 2.0 0
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17 8 11 223 15 119.0 0.245 1.293 0.030 653. 292. -11.2 0.0390 0.37 0.17 2.76 145.0 10.0 296.4 2.0 0
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17 8 11 223 16 94.4 0.298 1.202 0.029 661. 391. -25.2 0.0420 0.37 0.18 3.57 150.0 10.0 295.9 2.0 0
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17 8 11 223 17 62.4 0.308 1.050 0.028 666. 410. -42.0 0.0390 0.37 0.20 3.88 147.0 10.0 294.9 2.0 0
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17 8 11 223 18 24.9 0.320 0.774 0.028 667. 434. -117.8 0.0390 0.37 0.27 4.24 141.0 10.0 292.5 2.0 0
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17 8 11 223 19 -16.1 0.259 -9.000 -9.000 -999. 318. 96.8 0.0390 0.37 0.49 3.75 135.0 10.0 289.9 2.0 0
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17 8 11 223 23 -2.2 0.066 -9.000 -9.000 -999. 40. 11.5 0.0320 0.37 1.00 0.92 279.0 10.0 287.5 2.0 0

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17 8 12 224 1 -2.9 0.072 -9.000 -9.000 -999. 47. 11.7 0.0320 0.37 1.00 1.11 283.0 10.0 286.4 2.0 0
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17 8 12 224 2 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0450 0.37 1.00 1.08 226.0 10.0 285.9 2.0 0
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17 8 12 224 4 -1.5 0.060 -9.000 -9.000 -999. 36. 13.2 0.0360 0.37 1.00 0.67 268.0 10.0 286.4 2.0 0
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17 8 12 224 5 -2.5 0.068 -9.000 -9.000 -999. 42. 11.5 0.0320 0.37 1.00 0.99 276.0 10.0 286.4 2.0 0
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17 8 12 224 6 -2.0 0.064 -9.000 -9.000 -999. 39. 11.7 0.0320 0.37 0.70 0.87 296.0 10.0 286.4 2.0 0
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17 8 12 224 7 0.6 0.079 0.149 0.018 187. 54. -70.4 0.0370 0.37 0.34 1.04 37.0 10.0 287.0 2.0 0
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17 8 12 224 8 10.0 0.098 0.517 0.040 495. 74. -8.5 0.0370 0.37 0.22 1.09 21.0 10.0 287.0 2.0 0
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17 8 12 224 9 18.8 0.101 0.642 0.040 505. 77. -5.0 0.0380 0.37 0.19 1.04 307.0 10.0 288.1 2.0 0
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17 8 12 224 10 26.1 0.130 0.722 0.040 519. 112. -7.6 0.0420 0.37 0.17 1.38 173.0 10.0 289.9 2.0 0
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17 8 12 224 11 31.5 0.196 0.777 0.039 535. 209. -21.6 0.0420 0.37 0.17 2.32 166.0 10.0 292.0 2.0 0
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17 8 12 224 12 139.2 0.294 1.293 0.037 559. 383. -16.5 0.0420 0.37 0.17 3.39 167.0 10.0 293.8 2.0 0
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17 8 12 224 13 141.3 0.283 1.311 0.035 574. 362. -14.4 0.0420 0.37 0.17 3.22 164.0 10.0 294.9 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
17 8 12 224 14 134.4 0.302 1.300 0.033 588. 399. -18.5 0.0420 0.37 0.17 3.52 161.0 10.0 295.4 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 8 12 224 15 118.6 0.302 1.255 0.031 600. 398. -20.9 0.0390 0.37 0.17 3.61 144.0 10.0 296.4 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
17 8 12 224 16 93.7 0.324 1.166 0.030 609. 442. -32.6 0.0420 0.37 0.18 3.95 150.0 10.0 295.4 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 8 12 224 17 61.6 0.329 1.019 0.029 617. 452. -51.7 0.0390 0.37 0.20 4.19 133.0 10.0 294.2 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
17 8 12 224 18 24.3 0.311 0.749 0.029 620. 417. -111.7 0.0390 0.37 0.27 4.12 127.0 10.0 292.5 2.0 0
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0.00 100. 1009. 10 ADJ-A1 NoSubs
17 8 13 225 7 0.4 0.131 0.154 0.034 309. 114. -480.7 0.0370 0.37 0.34 1.81 30.0 10.0 286.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 8 13 225 8 9.9 0.122 0.484 0.039 410. 103. -16.6 0.0370 0.37 0.22 1.45 43.0 10.0 287.0 2.0 0
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17 8 13 225 9 18.7 0.108 0.602 0.039 420. 85. -6.0 0.0390 0.37 0.19 1.13 145.0 10.0 288.1 2.0 0
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17 8 13 225 10 26.0 0.127 0.679 0.038 433. 108. -7.0 0.0360 0.37 0.17 1.38 104.0 10.0 289.9 2.0 0
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17 8 13 225 11 104.4 0.223 1.119 0.038 484. 253. -9.6 0.0390 0.37 0.17 2.47 139.0 10.0 292.5 2.0 0
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17 8 13 225 12 134.1 0.287 1.246 0.036 519. 369. -15.8 0.0280 0.37 0.17 3.58 184.0 10.0 293.1 2.0 0
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17 8 13 225 13 140.7 0.313 1.280 0.033 537. 420. -19.6 0.0280 0.37 0.17 3.98 199.0 10.0 293.8 2.0 0
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17 8 13 225 14 133.6 0.315 1.271 0.031 554. 424. -21.0 0.0280 0.37 0.17 4.03 194.0 10.0 293.8 2.0 0
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17 8 13 225 15 117.2 0.333 1.228 0.030 568. 461. -28.3 0.0420 0.37 0.17 4.02 174.0 10.0 293.1 2.0 0
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17 8 13 225 18 23.4 0.317 0.729 0.027 595. 429. -122.4 0.0360 0.37 0.27 4.27 110.0 10.0 291.4 2.0 0
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17 8 13 225 19 -15.1 0.226 -9.000 -9.000 -999. 262. 69.1 0.0360 0.37 0.51 3.35 108.0 10.0 290.4 2.0 0
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17 8 13 225 20 -17.5 0.180 -9.000 -9.000 -999. 184. 35.6 0.0340 0.37 1.00 2.74 72.0 10.0 289.2 2.0 0
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17 8 13 225 21 -11.4 0.142 -9.000 -9.000 -999. 129. 22.5 0.0340 0.37 1.00 2.20 66.0 10.0 289.2 2.0 0
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17 8 13 225 22 -8.3 0.120 -9.000 -9.000 -999. 100. 18.8 0.0340 0.37 1.00 1.89 62.0 10.0 289.2 2.0 0
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17 8 13 225 23 -6.0 0.102 -9.000 -9.000 -999. 79. 16.0 0.0370 0.37 1.00 1.60 36.0 10.0 289.9 2.0 0
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17 8 13 225 24 -6.8 0.109 -9.000 -9.000 -999. 86. 16.9 0.0340 0.37 1.00 1.72 61.0 10.0 289.9 2.0 0
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17 8 14 226 1 -3.7 0.080 -9.000 -9.000 -999. 55. 12.6 0.0340 0.37 1.00 1.26 68.0 10.0 289.2 2.0 0
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17 8 14 226 2 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.37 1.00 1.33 5.0 10.0 289.2 2.0 0
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17 8 14 226 3 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.37 1.00 1.26 311.0 10.0 289.2 2.0 0
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17 8 14 226 6 -9.4 0.129 -9.000 -9.000 -999. 111. 20.6 0.0420 0.37 0.72 1.94 172.0 10.0 288.1 2.0 0
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17 8 14 226 7 0.7 0.106 0.131 0.007 109. 83. -142.2 0.0280 0.37 0.34 1.50 184.0 10.0 288.8 2.0 0
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17 8 14 226 8 10.1 0.101 0.394 0.011 215. 77. -9.2 0.0280 0.37 0.22 1.20 193.0 10.0 288.8 2.0 0
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17 8 14 226 9 18.8 0.138 0.527 0.013 279. 123. -12.6 0.0280 0.37 0.19 1.69 194.0 10.0 289.2 2.0 0
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17 8 14 226 10 25.9 0.190 0.622 0.015 334. 198. -23.7 0.0280 0.37 0.18 2.45 197.0 10.0 289.9 2.0 0
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17 8 14 226 11 31.1 0.199 0.696 0.016 390. 214. -22.9 0.0280 0.37 0.17 2.57 194.0 10.0 290.9 2.0 0
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17 8 14 226 12 34.0 0.261 0.749 0.018 444. 321. -47.1 0.0280 0.37 0.17 3.53 198.0 10.0 292.0 2.0 0
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17 8 14 226 13 34.5 0.415 0.779 0.017 492. 641. -186.1 0.0450 0.37 0.17 5.43 217.0 10.0 292.0 2.0 0
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17 8 14 226 14 32.8 0.426 0.787 0.016 534. 668. -212.3 0.0450 0.37 0.17 5.60 221.0 10.0 292.5 2.0 0
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17 8 14 226 15 28.7 0.398 0.759 0.018 547. 602. -196.2 0.0450 0.37 0.17 5.21 212.0 10.0 292.5 2.0 0
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17 8 14 226 16 22.3 0.342 0.701 0.019 555. 483. -161.6 0.0280 0.37 0.18 4.87 205.0 10.0 291.4 2.0 0
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17 8 14 226 17 59.9 0.286 0.987 0.018 576. 369. -35.1 0.0420 0.37 0.20 3.51 174.0 10.0 292.0 2.0 0
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17 8 14 226 18 22.6 0.237 0.717 0.018 584. 278. -53.0 0.0390 0.37 0.28 3.03 144.0 10.0 290.9 2.0 0
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17 8 14 226 19 -21.9 0.313 -9.000 -9.000 -999. 420. 125.6 0.0390 0.37 0.52 4.51 141.0 10.0 288.8 2.0 0
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17 8 14 226 20 -16.7 0.173 -9.000 -9.000 -999. 186. 33.1 0.0370 0.37 1.00 2.61 56.0 10.0 288.1 2.0 0
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17 8 14 226 21 -12.3 0.148 -9.000 -9.000 -999. 137. 24.1 0.0370 0.37 1.00 2.25 39.0 10.0 289.2 2.0 0
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17 8 14 226 22 -4.5 0.088 -9.000 -9.000 -999. 64. 13.8 0.0370 0.37 1.00 1.38 9.0 10.0 289.2 2.0 0
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17 8 14 226 23 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.37 1.00 1.09 6.0 10.0 289.2 2.0 0
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17 8 14 226 24 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.37 1.00 0.97 90.0 10.0 289.2 2.0 0
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17 8 15 227 1 -8.9 0.126 -9.000 -9.000 -999. 108. 20.2 0.0450 0.37 1.00 1.88 219.0 10.0 288.8 2.0 0
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17 8 15 227 2 -4.9 0.093 -9.000 -9.000 -999. 68. 14.7 0.0450 0.37 1.00 1.40 229.0 10.0 289.2 2.0 0
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17 8 15 227 6 -17.7 0.182 -9.000 -9.000 -999. 186. 36.3 0.0280 0.37 0.73 2.86 201.0 10.0 288.1 2.0 0
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17 8 15 227 7 0.6 0.199 0.195 0.008 416. 213. -1108.1 0.0280 0.37 0.34 2.91 201.0 10.0 288.8 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
17 8 15 227 8 10.1 0.230 0.517 0.013 490. 264. -107.1 0.0450 0.37 0.22 2.95 215.0 10.0 289.2 2.0 0

0.00 80. 1008. 10 ADJ-A1 NoSubs
17 8 15 227 9 19.0 0.260 0.683 0.027 604. 317. -82.9 0.0450 0.37 0.19 3.30 217.0 10.0 290.4 2.0 0
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17 8 15 227 10 26.0 0.311 0.810 0.028 733. 416. -103.9 0.0280 0.37 0.18 4.36 204.0 10.0 290.9 2.0 0
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17 8 15 227 11 31.1 0.380 0.872 0.028 767. 562. -158.7 0.0450 0.37 0.17 4.95 210.0 10.0 291.4 2.0 0
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17 8 15 227 12 34.0 0.336 0.909 0.028 795. 468. -100.2 0.0280 0.37 0.17 4.70 205.0 10.0 292.0 2.0 0
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17 8 15 227 13 34.5 0.411 0.918 0.028 805. 633. -181.3 0.0450 0.37 0.17 5.38 219.0 10.0 292.5 2.0 0
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17 8 15 227 14 128.4 0.474 1.436 0.027 831. 782. -74.5 0.0450 0.37 0.17 5.99 210.0 10.0 293.1 2.0 0
0.00 62. 1008. 5 ADJ-A1 NoSubs
17 8 15 227 15 113.1 0.446 1.389 0.026 852. 716. -70.5 0.0450 0.37 0.17 5.62 213.0 10.0 292.5 2.0 0
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17 8 15 227 16 89.8 0.382 1.295 0.025 869. 569. -55.6 0.0450 0.37 0.18 4.75 211.0 10.0 291.4 2.0 0
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17 8 15 227 17 14.1 0.316 0.699 0.025 872. 430. -202.3 0.0450 0.37 0.20 4.15 215.0 10.0 290.9 2.0 0
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17 8 15 227 18 4.5 0.261 0.480 0.025 872. 321. -349.9 0.0450 0.37 0.28 3.46 218.0 10.0 289.9 2.0 0
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17 8 15 227 19 -14.4 0.184 -9.000 -9.000 -999. 192. 38.9 0.0280 0.37 0.52 2.88 199.0 10.0 288.8 2.0 0
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17 8 15 227 20 -12.5 0.150 -9.000 -9.000 -999. 140. 24.8 0.0420 0.37 1.00 2.23 178.0 10.0 288.1 2.0 0
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17 8 15 227 21 -14.5 0.161 -9.000 -9.000 -999. 154. 28.3 0.0360 0.37 1.00 2.44 106.0 10.0 288.1 2.0 0
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17 8 15 227 22 -17.6 0.179 -9.000 -9.000 -999. 182. 35.3 0.0340 0.37 1.00 2.73 87.0 10.0 287.5 2.0 0
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17 8 15 227 23 -17.3 0.176 -9.000 -9.000 -999. 178. 34.2 0.0340 0.37 1.00 2.69 76.0 10.0 287.5 2.0 0
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17 8 15 227 24 -12.4 0.148 -9.000 -9.000 -999. 136. 24.0 0.0340 0.37 1.00 2.28 87.0 10.0 288.1 2.0 0
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17 8 16 228 1 -8.5 0.122 -9.000 -9.000 -999. 102. 19.0 0.0340 0.37 1.00 1.91 83.0 10.0 288.1 2.0 0
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17 8 16 228 2 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0340 0.37 1.00 1.53 75.0 10.0 287.5 2.0 0
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17 8 16 228 3 -4.7 0.091 -9.000 -9.000 -999. 66. 14.4 0.0440 0.37 1.00 1.38 334.0 10.0 287.5 2.0 0
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17 8 16 228 4 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0380 0.37 1.00 1.40 323.0 10.0 288.1 2.0 0
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17 8 16 228 5 -1.9 0.064 -9.000 -9.000 -999. 39. 12.5 0.0440 0.37 1.00 0.79 348.0 10.0 288.1 2.0 0
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17 8 16 228 6 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.37 0.73 1.03 313.0 10.0 288.1 2.0 0
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17 8 16 228 7 0.5 0.113 0.135 0.005 165. 91. -243.4 0.0360 0.37 0.35 1.55 248.0 10.0 288.8 2.0 0
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17 8 16 228 8 10.0 0.117 0.513 0.018 483. 96. -14.3 0.0450 0.37 0.22 1.31 230.0 10.0 289.2 2.0 0
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17 8 16 228 9 18.8 0.179 0.638 0.018 497. 182. -27.6 0.0450 0.37 0.19 2.13 225.0 10.0 289.9 2.0 0
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17 8 16 228 10 25.8 0.183 0.718 0.018 516. 188. -21.5 0.0280 0.37 0.18 2.35 194.0 10.0 290.4 2.0 0
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17 8 16 228 11 31.2 0.205 0.775 0.018 539. 223. -25.0 0.0280 0.37 0.17 2.66 188.0 10.0 292.0 2.0 0

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17 8 16 228 12 112.3 0.295 1.240 0.018 612. 385. -20.6 0.0450 0.37 0.17 3.42 227.0 10.0 293.8 2.0 0
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17 8 16 228 13 139.7 0.349 1.390 0.018 693. 495. -27.5 0.0280 0.37 0.17 4.56 195.0 10.0 294.2 2.0 0
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17 8 16 228 14 132.4 0.349 1.409 0.019 762. 496. -29.0 0.0280 0.37 0.17 4.58 209.0 10.0 294.2 2.0 0
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17 8 16 228 15 115.7 0.379 1.377 0.021 813. 560. -42.4 0.0280 0.37 0.17 5.09 207.0 10.0 293.1 2.0 0
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17 8 16 228 16 90.8 0.375 1.274 0.020 822. 551. -52.3 0.0450 0.37 0.18 4.65 213.0 10.0 292.5 2.0 0
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17 8 16 228 17 58.6 0.340 1.104 0.020 827. 477. -60.6 0.0280 0.37 0.20 4.66 208.0 10.0 292.0 2.0 0
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17 8 16 228 18 21.1 0.314 0.786 0.020 829. 423. -132.6 0.0450 0.37 0.28 4.07 236.0 10.0 290.4 2.0 0
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17 8 16 228 20 -8.8 0.125 -9.000 -9.000 -999. 112. 19.9 0.0450 0.37 1.00 1.86 229.0 10.0 287.5 2.0 0
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17 8 16 228 21 -5.3 0.096 -9.000 -9.000 -999. 72. 15.1 0.0450 0.37 1.00 1.45 231.0 10.0 288.1 2.0 0
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17 8 16 228 22 -3.2 0.075 -9.000 -9.000 -999. 49. 12.1 0.0360 0.37 1.00 1.14 252.0 10.0 288.8 2.0 0
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17 8 16 228 24 -3.4 0.078 -9.000 -9.000 -999. 53. 12.7 0.0440 0.37 1.00 1.16 351.0 10.0 289.2 2.0 0
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17 8 17 229 4 -3.0 0.073 -9.000 -9.000 -999. 48. 11.7 0.0320 0.37 1.00 1.13 293.0 10.0 288.8 2.0 0
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17 8 17 229 6 -3.6 0.079 -9.000 -9.000 -999. 53. 12.6 0.0380 0.37 0.74 1.21 321.0 10.0 288.8 2.0 0
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17 8 17 229 7 0.4 0.096 0.114 0.011 126. 71. -187.3 0.0440 0.37 0.35 1.26 350.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
17 8 17 229 8 10.1 0.093 0.381 0.019 198. 68. -7.2 0.0320 0.37 0.22 1.04 278.0 10.0 289.9 2.0 0
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17 8 17 229 9 18.8 0.146 0.532 0.026 288. 134. -14.9 0.0280 0.37 0.19 1.81 201.0 10.0 290.4 2.0 0
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17 8 17 229 10 87.8 0.260 1.077 0.029 514. 317. -18.0 0.0450 0.37 0.18 2.97 216.0 10.0 292.0 2.0 0
0.00 72. 1012. 7 ADJ-A1 NoSubs
17 8 17 229 11 126.7 0.311 1.234 0.027 536. 415. -21.4 0.0280 0.37 0.17 3.98 205.0 10.0 293.8 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
17 8 17 229 12 137.6 0.332 1.286 0.025 559. 459. -24.0 0.0450 0.37 0.17 3.90 219.0 10.0 294.2 2.0 0
0.00 63. 1012. 0 ADJ-A1 NoSubs
17 8 17 229 13 139.4 0.338 1.315 0.023 588. 471. -24.9 0.0450 0.37 0.17 3.98 219.0 10.0 294.9 2.0 0
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17 8 17 229 14 132.0 0.383 1.314 0.022 621. 569. -38.4 0.0450 0.37 0.17 4.66 225.0 10.0 294.2 2.0 0

0.00 60. 1011. 0 ADJ-A1 NoSubs
17 8 17 229 15 115.5 0.370 1.276 0.020 648. 540. -39.5 0.0450 0.37 0.17 4.51 233.0 10.0 294.2 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
17 8 17 229 16 90.5 0.373 1.183 0.019 660. 548. -51.8 0.0450 0.37 0.18 4.63 228.0 10.0 293.8 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
17 8 17 229 17 58.1 0.305 1.023 0.018 665. 406. -43.9 0.0450 0.37 0.20 3.74 220.0 10.0 292.5 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
17 8 17 229 18 20.5 0.272 0.724 0.018 666. 340. -87.9 0.0450 0.37 0.28 3.46 220.0 10.0 290.9 2.0 0
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17 8 17 229 19 -14.8 0.194 -9.000 -9.000 -999. 207. 44.2 0.0450 0.37 0.54 2.78 226.0 10.0 289.2 2.0 0
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17 8 17 229 21 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.37 1.00 1.13 254.0 10.0 288.8 2.0 0
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17 8 17 229 22 -2.3 0.067 -9.000 -9.000 -999. 42. 12.2 0.0450 0.37 1.00 0.89 236.0 10.0 288.1 2.0 0
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17 8 17 229 23 -2.0 0.064 -9.000 -9.000 -999. 39. 12.0 0.0360 0.37 1.00 0.84 267.0 10.0 287.5 2.0 0
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17 8 18 230 1 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.37 1.00 1.26 326.0 10.0 288.8 2.0 0
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17 8 18 230 2 -1.9 0.063 -9.000 -9.000 -999. 38. 11.8 0.0320 0.37 1.00 0.84 271.0 10.0 288.1 2.0 0
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17 8 18 230 3 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0380 0.37 1.00 1.40 328.0 10.0 288.1 2.0 0
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17 8 18 230 4 -5.5 0.098 -9.000 -9.000 -999. 73. 15.4 0.0440 0.37 1.00 1.48 331.0 10.0 288.1 2.0 0
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17 8 18 230 5 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0320 0.37 1.00 1.25 296.0 10.0 288.1 2.0 0
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17 8 18 230 6 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.37 0.75 1.25 320.0 10.0 288.1 2.0 0
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17 8 18 230 7 0.2 0.118 0.061 0.018 41. 97. -767.3 0.0370 0.37 0.35 1.64 1.0 10.0 288.1 2.0 0
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17 8 18 230 8 9.7 0.119 0.412 0.028 258. 98. -15.6 0.0440 0.37 0.23 1.35 350.0 10.0 288.8 2.0 0
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17 8 18 230 9 18.8 0.114 0.577 0.033 367. 92. -7.0 0.0370 0.37 0.19 1.23 48.0 10.0 290.9 2.0 0
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17 8 18 230 10 103.9 0.219 1.086 0.035 445. 246. -9.1 0.0420 0.37 0.18 2.37 159.0 10.0 292.5 2.0 0
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17 8 18 230 11 126.1 0.294 1.234 0.038 538. 382. -18.1 0.0280 0.37 0.17 3.71 187.0 10.0 293.1 2.0 0
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17 8 18 230 13 138.9 0.353 1.293 0.034 561. 502. -28.5 0.0450 0.37 0.17 4.20 228.0 10.0 294.2 2.0 0
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17 8 18 230 15 114.7 0.387 1.224 0.030 576. 577. -45.5 0.0450 0.37 0.17 4.76 238.0 10.0 293.1 2.0 0
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17 8 18 230 16 89.6 0.375 1.130 0.029 581. 551. -52.9 0.0450 0.37 0.18 4.65 231.0 10.0 292.5 2.0 0
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17 8 18 230 17 57.0 0.359 0.974 0.029 584. 516. -72.9 0.0450 0.37 0.21 4.53 227.0 10.0 290.9 2.0 0

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17 8 18 230 22 -9.4 0.128 -9.000 -9.000 -999. 110. 20.2 0.0360 0.37 1.00 1.98 251.0 10.0 288.8 2.0 0
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17 8 19 231 1 -6.4 0.104 -9.000 -9.000 -999. 81. 15.9 0.0280 0.37 1.00 1.71 198.0 10.0 288.1 2.0 0
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17 8 19 231 3 -3.2 0.076 -9.000 -9.000 -999. 51. 12.5 0.0450 0.37 1.00 1.11 231.0 10.0 288.1 2.0 0
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17 8 19 231 5 -6.6 0.108 -9.000 -9.000 -999. 85. 17.0 0.0450 0.37 1.00 1.62 238.0 10.0 287.5 2.0 0
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17 8 19 231 7 0.1 0.106 0.080 0.034 220. 83. -1279.8 0.0320 0.37 0.35 1.52 299.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
17 8 19 231 8 9.5 0.120 0.406 0.035 253. 100. -16.5 0.0320 0.37 0.23 1.47 283.0 10.0 288.1 2.0 0
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17 8 19 231 9 18.2 0.152 0.537 0.038 306. 142. -17.4 0.0360 0.37 0.19 1.82 246.0 10.0 288.8 2.0 0
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17 8 19 231 10 25.4 0.205 0.638 0.039 367. 222. -30.3 0.0450 0.37 0.18 2.45 227.0 10.0 289.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
17 8 19 231 11 30.7 0.249 0.717 0.040 431. 299. -45.4 0.0450 0.37 0.17 3.07 239.0 10.0 291.4 2.0 0
0.00 75. 1009. 10 ADJ-A1 NoSubs
17 8 19 231 12 33.6 0.298 0.771 0.040 491. 391. -71.0 0.0450 0.37 0.17 3.76 230.0 10.0 292.0 2.0 0
0.00 72. 1009. 10 ADJ-A1 NoSubs
17 8 19 231 13 140.1 0.422 1.283 0.023 543. 658. -48.2 0.0450 0.37 0.17 5.21 210.0 10.0 293.1 2.0 0
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17 8 19 231 14 32.1 0.407 0.790 0.030 551. 624. -188.7 0.0450 0.37 0.17 5.33 220.0 10.0 292.0 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
17 8 19 231 15 27.8 0.389 0.756 0.035 557. 582. -189.5 0.0450 0.37 0.17 5.09 227.0 10.0 291.4 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
17 8 19 231 16 21.5 0.323 0.695 0.037 561. 443. -140.8 0.0450 0.37 0.18 4.19 233.0 10.0 290.9 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
17 8 19 231 17 13.4 0.256 0.595 0.037 563. 313. -112.9 0.0450 0.37 0.21 3.30 239.0 10.0 290.9 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
17 8 19 231 18 3.9 0.238 0.396 0.037 564. 280. -308.8 0.0360 0.37 0.29 3.29 241.0 10.0 290.4 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
17 8 19 231 19 -16.8 0.244 -9.000 -9.000 -999. 289. 77.7 0.0450 0.37 0.56 3.46 237.0 10.0 289.2 2.0 0
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17 8 19 231 20 -16.9 0.176 -9.000 -9.000 -999. 178. 34.0 0.0450 0.37 1.00 2.55 232.0 10.0 289.2 2.0 0

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17 8 19 231 21 -14.9 0.165 -9.000 -9.000 -999. 160. 29.8 0.0450 0.37 1.00 2.40 235.0 10.0 289.2 2.0 0
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17 8 19 231 22 -15.4 0.168 -9.000 -9.000 -999. 165. 30.9 0.0450 0.37 1.00 2.44 232.0 10.0 289.2 2.0 0
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17 8 19 231 23 -16.1 0.171 -9.000 -9.000 -999. 170. 32.3 0.0450 0.37 1.00 2.49 219.0 10.0 289.2 2.0 0
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17 8 19 231 24 -12.8 0.152 -9.000 -9.000 -999. 142. 25.5 0.0450 0.37 1.00 2.23 222.0 10.0 288.8 2.0 0
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17 8 20 232 1 -10.1 0.134 -9.000 -9.000 -999. 118. 21.6 0.0450 0.37 1.00 1.99 222.0 10.0 288.8 2.0 0
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17 8 20 232 5 -11.3 0.143 -9.000 -9.000 -999. 129. 23.1 0.0450 0.37 1.00 2.10 232.0 10.0 288.8 2.0 0
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17 8 20 232 6 -7.7 0.116 -9.000 -9.000 -999. 95. 18.2 0.0360 0.37 1.00 1.81 253.0 10.0 288.8 2.0 0
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17 8 20 232 7 0.1 0.166 0.013 0.005 1. 162. -4306.5 0.0360 0.37 0.36 2.33 245.0 10.0 288.8 2.0 0
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17 8 20 232 8 9.7 0.195 0.458 0.028 354. 206. -68.1 0.0360 0.37 0.23 2.56 252.0 10.0 289.9 2.0 0
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17 8 20 232 9 18.5 0.276 0.602 0.030 424. 348. -102.0 0.0360 0.37 0.19 3.69 244.0 10.0 290.4 2.0 0
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17 8 20 232 10 25.8 0.324 0.714 0.032 506. 443. -118.4 0.0360 0.37 0.18 4.36 259.0 10.0 292.0 2.0 0
0.00 72. 1008. 10 ADJ-A1 NoSubs
17 8 20 232 11 125.5 0.410 1.334 0.034 680. 629. -49.3 0.0360 0.37 0.17 5.29 257.0 10.0 293.8 2.0 0
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17 8 20 232 12 136.4 0.487 1.393 0.016 713. 814. -76.0 0.0360 0.37 0.17 6.43 241.0 10.0 294.2 2.0 0
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17 8 20 232 13 138.0 0.519 1.409 0.010 730. 896. -90.9 0.0450 0.37 0.17 6.62 235.0 10.0 294.2 2.0 0
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17 8 20 232 14 130.6 0.476 1.390 0.021 739. 790. -74.0 0.0450 0.37 0.17 6.01 237.0 10.0 294.2 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
17 8 20 232 15 116.4 0.478 1.342 0.020 747. 794. -84.5 0.0360 0.37 0.17 6.35 240.0 10.0 294.9 2.0 0
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17 8 20 232 16 88.7 0.421 1.229 0.028 751. 659. -75.5 0.0360 0.37 0.18 5.56 247.0 10.0 293.8 2.0 0
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17 8 20 232 17 56.2 0.357 1.056 0.027 754. 515. -72.9 0.0360 0.37 0.21 4.71 246.0 10.0 293.1 2.0 0
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17 8 20 232 18 18.5 0.328 0.731 0.027 755. 451. -170.2 0.0360 0.37 0.29 4.46 246.0 10.0 292.0 2.0 0
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17 8 20 232 19 -18.7 0.244 -9.000 -9.000 -999. 293. 69.6 0.0360 0.37 0.57 3.61 243.0 10.0 290.4 2.0 0
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17 8 20 232 20 -22.6 0.233 -9.000 -9.000 -999. 270. 59.7 0.0360 0.37 1.00 3.47 241.0 10.0 290.4 2.0 0
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17 8 20 232 21 -18.3 0.188 -9.000 -9.000 -999. 196. 38.9 0.0360 0.37 1.00 2.83 262.0 10.0 290.4 2.0 0
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17 8 20 232 22 -9.6 0.130 -9.000 -9.000 -999. 113. 20.6 0.0360 0.37 1.00 2.01 268.0 10.0 290.4 2.0 0
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17 8 21 233 2 -13.6 0.156 -9.000 -9.000 -999. 147. 26.6 0.0360 0.37 1.00 2.37 263.0 10.0 290.4 2.0 0
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17 8 21 233 5 -20.7 0.212 -9.000 -9.000 -999. 235. 49.6 0.0450 0.37 1.00 3.05 236.0 10.0 289.9 2.0 0
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17 8 21 233 6 -17.9 0.183 -9.000 -9.000 -999. 188. 36.9 0.0360 0.37 1.00 2.76 243.0 10.0 289.9 2.0 0
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17 8 21 233 7 0.2 0.216 0.093 0.009 133. 240. -4169.5 0.0360 0.37 0.36 3.03 244.0 10.0 289.9 2.0 0
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17 8 21 233 11 30.5 0.261 0.736 0.029 471. 321. -52.8 0.0360 0.37 0.17 3.39 247.0 10.0 291.4 2.0 0
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17 8 21 233 12 33.4 0.316 0.786 0.033 525. 425. -85.0 0.0360 0.37 0.17 4.19 240.0 10.0 292.0 2.0 0
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17 8 21 233 14 132.4 0.356 1.323 0.032 632. 511. -30.8 0.0450 0.37 0.17 4.27 232.0 10.0 295.4 2.0 0
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17 8 21 233 15 113.5 0.393 1.283 0.031 671. 591. -48.1 0.0450 0.37 0.17 4.85 229.0 10.0 294.9 2.0 0
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17 8 21 233 16 88.2 0.368 1.196 0.030 700. 537. -51.0 0.0450 0.37 0.18 4.56 224.0 10.0 294.2 2.0 0
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0 0.00 83. 1011. 0 ADJ-SFC NoSubs
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0 0.00 86. 1011. 0 ADJ-SFC NoSubs
17 8 21 233 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 289.2 2.0
0 0.00 86. 1011. 0 ADJ-SFC NoSubs
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0.00 89. 1011. 0 ADJ-SFC NoSubs
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0 0.00 96. 1011. 0 ADJ-SFC NoSubs
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0.00 92. 1011. 0 ADJ-SFC NoSubs
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17 8 22 234 7 3.7 -9.000 -9.000 -9.000 327. -999. -99999.0 0.0373 0.37 0.36 0.00 0.0 10.0 288.8 2.0 0 0.00 89. 1012. 0 ADJ-SFC NoSubs
17 8 22 234 8 41.8 -9.000 -9.000 -9.000 540. -999. -99999.0 0.0373 0.37 0.23 0.00 0.0 10.0 290.9 2.0 0 0.00 80. 1012. 0 ADJ-SFC NoSubs
17 8 22 234 9 76.9 0.168 1.064 0.032 566. 165. -5.6 0.0373 0.37 0.19 1.76 999.0 10.0 293.1 2.0 0 0.00 69. 1012. 0 ADJ-SFC NoSubs
17 8 22 234 10 105.3 0.218 1.191 0.030 580. 245. -8.9 0.0420 0.37 0.18 2.36 155.0 10.0 294.9 2.0 0 0.00 65. 1012. 0 ADJ-SFC NoSubs
17 8 22 234 11 125.5 0.366 1.268 0.029 587. 532. -35.3 0.0280 0.37 0.17 4.86 201.0 10.0 296.4 2.0 0 0.00 59. 1012. 0 ADJ-SFC NoSubs
17 8 22 234 12 136.1 0.329 1.308 0.027 594. 454. -23.6 0.0450 0.37 0.17 3.86 211.0 10.0 295.9 2.0 0 0.00 60. 1011. 0 ADJ-SFC NoSubs
17 8 22 234 13 137.7 0.336 1.319 0.025 601. 468. -24.9 0.0280 0.37 0.17 4.36 188.0 10.0 296.4 2.0 0 0.00 56. 1011. 0 ADJ-SFC NoSubs
17 8 22 234 14 129.9 0.260 1.298 0.023 607. 321. -12.2 0.0450 0.37 0.17 2.86 212.0 10.0 295.4 2.0 0 0.00 60. 1011. 0 ADJ-SFC NoSubs
17 8 22 234 15 113.3 0.359 1.244 0.022 613. 517. -36.9 0.0450 0.37 0.17 4.36 225.0 10.0 295.9 2.0 0 0.00 60. 1010. 0 ADJ-SFC NoSubs
17 8 22 234 16 87.2 0.354 1.143 0.021 617. 506. -45.9 0.0450 0.37 0.18 4.36 215.0 10.0 293.1 2.0 0 0.00 69. 1010. 0 ADJ-SFC NoSubs
17 8 22 234 17 54.3 0.292 0.977 0.020 619. 380. -41.2 0.0280 0.37 0.21 3.91 203.0 10.0 291.4 2.0 0 0.00 77. 1010. 0 ADJ-A1 NoSubs
17 8 22 234 18 17.8 0.255 0.674 0.020 620. 309. -83.6 0.0280 0.37 0.30 3.54 186.0 10.0 289.9 2.0 0 0.00 86. 1010. 7 ADJ-A1 NoSubs
17 8 22 234 19 -17.5 0.198 -9.000 -9.000 -999. 212. 43.0 0.0420 0.37 0.59 2.88 167.0 10.0 289.9 2.0 0 0.00 86. 1011. 10 ADJ-A1 NoSubs
17 8 22 234 20 -10.4 0.135 -9.000 -9.000 -999. 120. 21.4 0.0360 0.37 1.00 2.08 113.0 10.0 289.2 2.0 0 0.00 89. 1011. 10 ADJ-A1 NoSubs
17 8 22 234 21 -15.5 0.166 -9.000 -9.000 -999. 163. 30.4 0.0360 0.37 1.00 2.52 116.0 10.0 288.8 2.0 0 0.00 92. 1011. 10 ADJ-A1 NoSubs
17 8 22 234 22 -13.8 0.156 -9.000 -9.000 -999. 148. 26.9 0.0360 0.37 1.00 2.38 106.0 10.0 288.8 2.0 0 0.00 92. 1011. 10 ADJ-A1 NoSubs
17 8 22 234 23 -6.7 0.108 -9.000 -9.000 -999. 85. 16.8 0.0360 0.37 1.00 1.69 93.0 10.0 288.8 2.0 0 0.00 92. 1011. 10 ADJ-A1 NoSubs
17 8 22 234 24 -6.0 0.102 -9.000 -9.000 -999. 78. 15.8 0.0370 0.37 1.00 1.59 58.0 10.0 288.8 2.0 0 0.00 92. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 1 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0340 0.37 1.00 1.64 61.0 10.0 288.8 2.0 0 0.00 92. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 2 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0340 0.37 1.00 1.30 88.0 10.0 288.1 2.0 0 0.00 96. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 3 -3.6 0.081 -9.000 -9.000 -999. 55. 12.9 0.0440 0.37 1.00 1.20 341.0 10.0 288.8 2.0 0 0.00 92. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 4 -2.3 0.066 -9.000 -9.000 -999. 41. 11.5 0.0320 0.37 1.00 0.94 290.0 10.0 288.1 2.0 0 0.00 96. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 5 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0320 0.37 1.00 1.26 285.0 10.0 288.1 2.0 0

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17 8 23 235 6 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.37 1.00 1.03 309.0 10.0 288.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
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0.00 96. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 8 9.2 0.108 0.405 0.036 261. 86. -12.5 0.0370 0.37 0.23 1.25 19.0 10.0 288.8 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 9 17.9 0.104 0.539 0.037 315. 80. -5.6 0.0370 0.37 0.19 1.09 34.0 10.0 289.2 2.0 0
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17 8 23 235 10 25.0 0.128 0.640 0.037 377. 110. -7.5 0.0390 0.37 0.18 1.38 125.0 10.0 289.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
17 8 23 235 11 30.1 0.190 0.717 0.037 441. 199. -20.6 0.0280 0.37 0.17 2.43 202.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 12 33.0 0.256 0.753 0.037 466. 311. -45.7 0.0450 0.37 0.17 3.15 210.0 10.0 291.4 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 13 33.4 0.285 0.765 0.036 482. 365. -62.5 0.0280 0.37 0.17 3.91 200.0 10.0 291.4 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
17 8 23 235 14 31.5 0.294 0.758 0.036 497. 382. -72.5 0.0450 0.37 0.17 3.71 219.0 10.0 291.4 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
17 8 23 235 15 27.2 0.302 0.725 0.035 504. 399. -91.7 0.0280 0.37 0.17 4.22 207.0 10.0 290.9 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
17 8 23 235 16 20.8 0.311 0.665 0.035 507. 417. -130.4 0.0450 0.37 0.18 4.03 228.0 10.0 290.9 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
17 8 23 235 17 12.4 0.291 0.561 0.035 509. 376. -177.6 0.0450 0.37 0.21 3.80 228.0 10.0 289.9 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
17 8 23 235 18 2.9 0.237 0.347 0.035 509. 278. -406.8 0.0450 0.37 0.30 3.15 220.0 10.0 289.2 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
17 8 23 235 19 -17.1 0.190 -9.000 -9.000 -999. 200. 39.8 0.0450 0.37 0.60 2.74 231.0 10.0 288.8 2.0 0
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17 8 23 235 20 -14.6 0.162 -9.000 -9.000 -999. 157. 29.0 0.0450 0.37 1.00 2.37 226.0 10.0 288.1 2.0 0
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17 8 23 235 21 -7.9 0.116 -9.000 -9.000 -999. 95. 17.8 0.0280 0.37 1.00 1.89 202.0 10.0 288.1 2.0 0
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17 8 23 235 22 -5.9 0.102 -9.000 -9.000 -999. 78. 16.1 0.0450 0.37 1.00 1.54 235.0 10.0 288.1 2.0 0
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17 8 23 235 23 -6.3 0.106 -9.000 -9.000 -999. 82. 16.7 0.0450 0.37 1.00 1.59 211.0 10.0 287.5 2.0 0
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17 8 23 235 24 -3.0 0.074 -9.000 -9.000 -999. 48. 12.3 0.0450 0.37 1.00 1.06 235.0 10.0 287.5 2.0 0
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17 8 24 236 1 -7.6 0.115 -9.000 -9.000 -999. 93. 17.9 0.0360 0.37 1.00 1.79 109.0 10.0 287.5 2.0 0
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17 8 24 236 2 -5.4 0.097 -9.000 -9.000 -999. 72. 15.0 0.0360 0.37 1.00 1.52 117.0 10.0 287.5 2.0 0
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17 8 24 236 3 -4.3 0.086 -9.000 -9.000 -999. 61. 13.4 0.0340 0.37 1.00 1.37 73.0 10.0 287.5 2.0 0
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17 8 24 236 4 -6.3 0.104 -9.000 -9.000 -999. 81. 16.1 0.0340 0.37 1.00 1.65 84.0 10.0 287.5 2.0 0
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17 8 24 236 5 -3.3 0.077 -9.000 -9.000 -999. 51. 12.3 0.0390 0.37 1.00 1.16 133.0 10.0 287.0 2.0 0
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17 8 24 236 6 -3.2 0.075 -9.000 -9.000 -999. 49. 11.7 0.0280 0.37 1.00 1.20 185.0 10.0 287.0 2.0 0
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17 8 24 236 7 -1.0 0.072 -9.000 -9.000 -999. 47. 32.6 0.0280 0.37 0.37 1.14 208.0 10.0 287.0 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 8 24 236 8 8.9 0.088 0.393 0.033 243. 63. -6.9 0.0450 0.37 0.23 0.91 237.0 10.0 288.1 2.0 0

0.00 93. 1009. 10 ADJ-A1 NoSubs
17 8 24 236 9 17.7 0.119 0.524 0.034 291. 99. -8.7 0.0390 0.37 0.19 1.31 138.0 10.0 288.8 2.0 0
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17 8 24 236 10 24.8 0.119 0.621 0.035 348. 99. -6.2 0.0360 0.37 0.18 1.28 119.0 10.0 289.2 2.0 0
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17 8 24 236 11 30.1 0.146 0.698 0.036 407. 135. -9.4 0.0390 0.37 0.17 1.62 123.0 10.0 290.9 2.0 0
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17 8 24 236 12 136.4 0.216 1.274 0.034 546. 240. -6.6 0.0420 0.37 0.17 2.25 152.0 10.0 293.1 2.0 0
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17 8 24 236 13 136.1 0.294 1.292 0.032 570. 382. -16.8 0.0420 0.37 0.17 3.39 172.0 10.0 293.8 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
17 8 24 236 14 128.5 0.297 1.279 0.030 586. 389. -18.4 0.0420 0.37 0.17 3.46 176.0 10.0 294.2 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
17 8 24 236 15 111.6 0.292 1.225 0.029 591. 378. -20.0 0.0420 0.37 0.17 3.42 157.0 10.0 294.2 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
17 8 24 236 16 86.1 0.281 1.126 0.027 596. 357. -23.1 0.0390 0.37 0.18 3.39 143.0 10.0 293.8 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
17 8 24 236 17 53.0 0.293 0.960 0.027 598. 380. -42.4 0.0360 0.37 0.21 3.75 119.0 10.0 292.5 2.0 0
0.00 72. 1005. 0 ADJ-A1 NoSubs
17 8 24 236 18 15.0 0.303 0.631 0.027 599. 400. -165.6 0.0360 0.37 0.30 4.12 116.0 10.0 290.4 2.0 0
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17 8 24 236 19 -22.5 0.253 -9.000 -9.000 -999. 306. 70.2 0.0390 0.37 0.61 3.69 121.0 10.0 288.8 2.0 0
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17 8 24 236 21 -9.2 0.127 -9.000 -9.000 -999. 110. 20.1 0.0370 0.37 1.00 1.96 59.0 10.0 287.5 2.0 0
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17 8 24 236 22 -6.0 0.102 -9.000 -9.000 -999. 78. 15.8 0.0370 0.37 1.00 1.59 41.0 10.0 287.5 2.0 0
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17 8 24 236 24 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.37 1.00 1.11 317.0 10.0 285.9 2.0 0
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17 8 25 237 1 -3.7 0.080 -9.000 -9.000 -999. 55. 12.7 0.0380 0.37 1.00 1.23 314.0 10.0 286.4 2.0 0
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17 8 25 237 3 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0370 0.37 1.00 0.92 37.0 10.0 286.4 2.0 0
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17 8 25 237 5 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0370 0.37 1.00 1.26 41.0 10.0 285.9 2.0 0
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17 8 25 237 7 -1.2 0.069 -9.000 -9.000 -999. 44. 24.4 0.0320 0.37 0.37 1.08 297.0 10.0 285.9 2.0 0
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17 8 25 237 8 8.5 0.081 0.381 0.034 232. 55. -5.6 0.0440 0.37 0.23 0.82 343.0 10.0 286.4 2.0 0
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17 8 25 237 9 17.5 0.129 0.544 0.036 330. 111. -10.9 0.0280 0.37 0.19 1.55 197.0 10.0 288.1 2.0 0
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17 8 25 237 11 125.1 0.227 1.189 0.036 483. 260. -8.4 0.0420 0.37 0.17 2.44 179.0 10.0 291.4 2.0 0

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17 8 25 237 12 134.0 0.307 1.237 0.034 508. 408. -19.4 0.0420 0.37 0.17 3.59 170.0 10.0 293.1 2.0 0
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17 8 25 237 13 135.9 0.306 1.253 0.032 520. 406. -18.9 0.0420 0.37 0.17 3.57 176.0 10.0 294.9 2.0 0
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17 8 25 237 14 128.3 0.301 1.239 0.030 532. 396. -19.0 0.0420 0.37 0.17 3.51 165.0 10.0 295.4 2.0 0
0.00 58. 1005. 0 ADJ-A1 NoSubs
17 8 25 237 15 111.2 0.304 1.188 0.028 541. 403. -22.7 0.0420 0.37 0.17 3.61 169.0 10.0 294.9 2.0 0
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17 8 25 237 16 85.4 0.319 1.093 0.027 548. 432. -34.0 0.0420 0.37 0.18 3.90 172.0 10.0 293.8 2.0 0
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17 8 25 237 17 51.8 0.307 0.927 0.027 552. 408. -50.0 0.0420 0.37 0.21 3.85 169.0 10.0 290.4 2.0 0
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17 8 25 237 18 15.6 0.291 0.622 0.026 553. 377. -141.9 0.0420 0.37 0.31 3.83 162.0 10.0 288.1 2.0 0
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17 8 25 237 19 -17.8 0.191 -9.000 -9.000 -999. 205. 40.2 0.0390 0.37 0.62 2.83 142.0 10.0 287.0 2.0 0
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17 8 25 237 20 -12.2 0.147 -9.000 -9.000 -999. 136. 23.8 0.0360 0.37 1.00 2.25 110.0 10.0 287.0 2.0 0
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17 8 25 237 21 -4.7 0.090 -9.000 -9.000 -999. 66. 14.0 0.0360 0.37 1.00 1.42 95.0 10.0 287.0 2.0 0
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17 8 25 237 22 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0370 0.37 1.00 1.42 29.0 10.0 287.5 2.0 0
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17 8 25 237 23 -2.5 0.068 -9.000 -9.000 -999. 43. 11.7 0.0370 0.37 1.00 0.97 47.0 10.0 287.0 2.0 0
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17 8 26 238 2 -3.5 0.079 -9.000 -9.000 -999. 53. 12.7 0.0450 0.37 1.00 1.16 236.0 10.0 285.4 2.0 0
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0.00 100. 1007. 10 ADJ-A1 NoSubs
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17 8 26 238 7 -0.8 0.053 -9.000 -9.000 -999. 29. 17.0 0.0280 0.37 0.37 0.86 192.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 8 26 238 8 35.5 0.109 0.513 0.039 136. 86. -3.3 0.0420 0.37 0.23 1.03 167.0 10.0 288.1 2.0 0
0.00 93. 1008. 7 ADJ-A1 NoSubs
17 8 26 238 9 74.8 0.158 0.720 0.036 179. 151. -4.7 0.0390 0.37 0.19 1.60 140.0 10.0 291.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
17 8 26 238 10 103.2 0.240 0.865 0.029 225. 282. -12.0 0.0390 0.37 0.18 2.72 147.0 10.0 293.1 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
17 8 26 238 11 123.2 0.312 0.975 0.018 271. 418. -22.1 0.0420 0.37 0.17 3.69 162.0 10.0 294.2 2.0 0
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17 8 26 238 12 134.1 0.384 1.076 0.007 334. 570. -37.9 0.0420 0.37 0.17 4.73 171.0 10.0 295.4 2.0 0
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17 8 26 238 13 135.4 0.352 1.123 0.010 377. 502. -28.9 0.0280 0.37 0.17 4.61 191.0 10.0 294.9 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
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0.00 62. 1009. 0 ADJ-A1 NoSubs
17 8 26 238 15 109.9 0.309 1.082 0.019 415. 413. -24.2 0.0280 0.37 0.17 4.00 201.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
17 8 26 238 16 84.4 0.257 1.001 0.017 428. 314. -18.1 0.0280 0.37 0.18 3.25 184.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
17 8 26 238 17 51.1 0.298 0.852 0.016 435. 391. -46.8 0.0420 0.37 0.21 3.73 176.0 10.0 290.9 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
17 8 26 238 18 16.4 0.271 0.584 0.016 436. 339. -109.1 0.0280 0.37 0.31 3.81 189.0 10.0 288.1 2.0 0
0.00 89. 1008. 3 ADJ-A1 NoSubs
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17 8 26 238 22 -2.4 0.068 -9.000 -9.000 -999. 43. 11.8 0.0380 0.37 1.00 0.96 300.0 10.0 285.9 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
17 8 26 238 23 -3.3 0.077 -9.000 -9.000 -999. 52. 12.5 0.0450 0.37 1.00 1.13 225.0 10.0 285.9 2.0 0
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17 8 26 238 24 -3.2 0.076 -9.000 -9.000 -999. 51. 12.5 0.0450 0.37 1.00 1.11 231.0 10.0 286.4 2.0 0
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17 8 27 239 1 -2.7 0.071 -9.000 -9.000 -999. 45. 11.7 0.0360 0.37 1.00 1.04 243.0 10.0 286.4 2.0 0
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17 8 27 239 16 83.7 0.317 0.991 0.013 418. 430. -34.2 0.0280 0.37 0.18 4.20 189.0 10.0 292.5 2.0 0
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17 8 27 239 23 -3.9 0.082 -9.000 -9.000 -999. 57. 12.9 0.0360 0.37 1.00 1.28 97.0 10.0 287.5 2.0 0
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17 8 28 240 1 -2.7 0.071 -9.000 -9.000 -999. 46. 12.0 0.0420 0.37 1.00 1.01 164.0 10.0 287.0 2.0 0
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17 8 28 240 10 102.6 0.206 0.904 0.038 259. 224. -7.6 0.0420 0.37 0.18 2.18 158.0 10.0 294.2 2.0 0
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17 8 28 240 11 122.8 0.277 1.006 0.028 297. 350. -15.5 0.0420 0.37 0.17 3.17 175.0 10.0 295.9 2.0 0
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17 8 28 240 12 132.9 0.357 1.062 0.013 324. 512. -30.8 0.0420 0.37 0.17 4.34 177.0 10.0 294.2 2.0 0
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17 8 28 240 13 134.7 0.348 1.091 0.013 347. 493. -28.1 0.0420 0.37 0.17 4.20 160.0 10.0 295.9 2.0 0
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17 8 28 240 14 126.3 0.343 1.088 0.014 366. 483. -28.7 0.0420 0.37 0.17 4.15 172.0 10.0 294.2 2.0 0
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17 8 28 240 17 43.2 0.298 0.783 0.021 398. 392. -55.0 0.0420 0.37 0.22 3.76 179.0 10.0 289.9 2.0 0
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17 8 29 241 12 132.1 0.334 1.206 0.042 477. 464. -25.4 0.0280 0.37 0.17 4.34 197.0 10.0 293.1 2.0 0
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17 8 29 241 14 125.8 0.273 1.218 0.038 515. 342. -14.4 0.0420 0.37 0.17 3.10 158.0 10.0 294.9 2.0 0
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17 8 29 241 15 108.4 0.308 1.169 0.037 530. 410. -24.2 0.0390 0.37 0.17 3.73 146.0 10.0 294.2 2.0 0
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17 8 29 241 16 82.8 0.276 1.073 0.036 536. 348. -22.7 0.0390 0.37 0.18 3.32 145.0 10.0 294.9 2.0 0
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17 8 29 241 17 49.5 0.280 0.906 0.035 538. 355. -39.6 0.0390 0.37 0.22 3.51 135.0 10.0 294.2 2.0 0
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17 8 29 241 18 11.3 0.315 0.554 0.035 539. 424. -247.5 0.0390 0.37 0.32 4.26 139.0 10.0 292.0 2.0 0
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0.00 67. 1005. 0 ADJ-A1 NoSubs
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17 8 31 243 13 133.9 0.289 1.166 0.026 424. 373. -16.1 0.0420 0.37 0.17 3.32 164.0 10.0 298.8 2.0 0
0.00 47. 1003. 0 ADJ-A1 NoSubs
17 8 31 243 14 126.2 0.306 1.155 0.024 436. 406. -20.3 0.0420 0.37 0.17 3.59 159.0 10.0 299.9 2.0 0
0.00 44. 1003. 0 ADJ-A1 NoSubs
17 8 31 243 15 109.0 0.312 1.108 0.022 447. 419. -25.0 0.0280 0.37 0.18 4.05 180.0 10.0 300.4 2.0 0
0.00 40. 1002. 0 ADJ-A1 NoSubs
17 8 31 243 16 82.1 0.363 1.014 0.016 453. 524. -52.0 0.0420 0.37 0.19 4.56 171.0 10.0 297.5 2.0 0
0.00 49. 1002. 0 ADJ-A1 NoSubs
17 8 31 243 17 47.5 0.278 0.847 0.020 456. 355. -40.3 0.0420 0.37 0.22 3.44 157.0 10.0 293.1 2.0 0
0.00 67. 1002. 0 ADJ-A1 NoSubs
17 8 31 243 18 9.2 0.232 0.490 0.020 456. 268. -120.9 0.0420 0.37 0.33 3.03 163.0 10.0 290.4 2.0 0
0.00 80. 1002. 0 ADJ-A1 NoSubs
17 8 31 243 19 -10.0 0.132 -9.000 -9.000 -999. 120. 20.7 0.0280 0.37 0.70 2.13 187.0 10.0 288.8 2.0 0
0.00 89. 1003. 0 ADJ-A1 NoSubs
17 8 31 243 20 -2.2 0.066 -9.000 -9.000 -999. 42. 11.7 0.0360 0.37 1.00 0.91 243.0 10.0 289.2 2.0 0
0.00 86. 1003. 0 ADJ-A1 NoSubs
17 8 31 243 21 -1.9 0.064 -9.000 -9.000 -999. 39. 12.1 0.0380 0.37 1.00 0.82 327.0 10.0 290.4 2.0 0
0.00 80. 1003. 0 ADJ-A1 NoSubs
17 8 31 243 22 -2.9 0.074 -9.000 -9.000 -999. 48. 12.2 0.0440 0.37 1.00 1.06 341.0 10.0 290.4 2.0 0
0.00 80. 1003. 0 ADJ-A1 NoSubs
17 8 31 243 23 -3.9 0.084 -9.000 -9.000 -999. 58. 13.4 0.0440 0.37 1.00 1.26 347.0 10.0 290.4 2.0 0
0.00 80. 1003. 0 ADJ-A1 NoSubs
17 8 31 243 24 -7.6 0.116 -9.000 -9.000 -999. 95. 18.3 0.0380 0.37 1.00 1.79 327.0 10.0 289.9 2.0 0
0.00 77. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 1 -10.5 0.136 -9.000 -9.000 -999. 121. 21.6 0.0330 0.47 1.00 2.13 306.0 10.0 292.0 2.0 0
0.00 64. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 2 -6.8 0.108 -9.000 -9.000 -999. 85. 16.5 0.0260 0.47 1.00 1.79 292.0 10.0 290.9 2.0 0
0.00 67. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 3 -7.5 0.114 -9.000 -9.000 -999. 93. 17.8 0.0330 0.47 1.00 1.81 300.0 10.0 291.4 2.0 0
0.00 65. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 4 -11.0 0.140 -9.000 -9.000 -999. 126. 22.2 0.0330 0.47 1.00 2.18 322.0 10.0 292.0 2.0 0
0.00 60. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 5 -8.0 0.117 -9.000 -9.000 -999. 96. 18.0 0.0260 0.47 1.00 1.93 282.0 10.0 291.4 2.0 0

0.00 65. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 6 -5.9 0.102 -9.000 -9.000 -999. 78. 15.8 0.0330 0.47 1.00 1.62 314.0 10.0 292.5 2.0 0
0.00 58. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 7 0.9 0.090 0.070 0.028 13. 65. -69.0 0.0340 0.47 0.39 1.20 133.0 10.0 294.9 2.0 0
0.00 52. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 8 46.9 0.143 0.511 0.024 102. 130. -5.6 0.0330 0.47 0.24 1.54 320.0 10.0 299.2 2.0 0
0.00 44. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 9 90.7 0.145 0.762 0.021 175. 132. -3.0 0.0290 0.47 0.19 1.48 81.0 10.0 304.9 2.0 0
0.00 29. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 10 125.9 0.172 0.949 0.017 243. 171. -3.6 0.0340 0.47 0.18 1.74 127.0 10.0 308.8 2.0 0
0.00 18. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 11 151.8 0.184 1.093 0.013 308. 189. -3.7 0.0300 0.47 0.17 1.91 119.0 10.0 313.1 2.0 0
0.00 11. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 12 165.0 0.199 1.193 0.008 368. 213. -4.3 0.0340 0.47 0.17 2.05 135.0 10.0 314.2 2.0 0
0.00 13. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 13 165.5 0.315 1.328 0.005 506. 425. -17.0 0.0230 0.47 0.17 4.12 198.0 10.0 313.1 2.0 0
0.00 14. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 14 151.8 0.320 1.386 0.005 629. 434. -19.3 0.0230 0.47 0.17 4.22 209.0 10.0 306.4 2.0 0
0.00 22. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 15 130.0 0.305 1.379 0.005 722. 404. -19.5 0.0380 0.47 0.18 3.64 215.0 10.0 304.2 2.0 0
0.00 26. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 16 98.9 0.266 1.321 0.005 835. 329. -17.0 0.0230 0.47 0.19 3.47 188.0 10.0 303.8 2.0 0
0.00 26. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 17 57.8 0.304 1.163 0.005 974. 402. -43.5 0.0370 0.47 0.22 3.88 174.0 10.0 300.4 2.0 0
0.00 37. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 18 12.4 0.198 0.698 0.005 983. 218. -56.6 0.0370 0.47 0.34 2.57 163.0 10.0 298.1 2.0 0
0.00 42. 1003. 0 ADJ-A1 NoSubs
17 9 1 244 19 -4.8 0.091 -9.000 -9.000 -999. 73. 14.2 0.0300 0.47 0.72 1.48 103.0 10.0 297.5 2.0 0
0.00 49. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 20 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0330 0.47 1.00 1.23 320.0 10.0 296.4 2.0 0
0.00 52. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 21 -6.4 0.105 -9.000 -9.000 -999. 82. 16.2 0.0260 0.47 1.00 1.74 297.0 10.0 297.0 2.0 0
0.00 49. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 22 -4.9 0.093 -9.000 -9.000 -999. 68. 14.4 0.0330 0.47 1.00 1.48 312.0 10.0 296.4 2.0 0
0.00 51. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 23 -9.4 0.130 -9.000 -9.000 -999. 112. 20.6 0.0330 0.47 1.00 2.03 323.0 10.0 296.4 2.0 0
0.00 49. 1004. 0 ADJ-A1 NoSubs
17 9 1 244 24 -11.2 0.141 -9.000 -9.000 -999. 128. 22.6 0.0330 0.47 1.00 2.20 314.0 10.0 296.4 2.0 0
0.00 45. 1004. 0 ADJ-A1 NoSubs
17 9 2 245 1 -3.8 0.082 -9.000 -9.000 -999. 57. 13.0 0.0380 0.47 1.00 1.26 343.0 10.0 294.2 2.0 0
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17 9 2 245 2 -4.5 0.089 -9.000 -9.000 -999. 64. 13.9 0.0330 0.47 1.00 1.42 308.0 10.0 295.4 2.0 0
0.00 48. 1003. 0 ADJ-A1 NoSubs
17 9 2 245 3 -11.2 0.141 -9.000 -9.000 -999. 128. 22.6 0.0330 0.47 1.00 2.20 305.0 10.0 294.2 2.0 0
0.00 52. 1003. 0 ADJ-A1 NoSubs
17 9 2 245 4 -9.3 0.128 -9.000 -9.000 -999. 110. 20.3 0.0330 0.47 1.00 2.01 307.0 10.0 293.8 2.0 0
0.00 50. 1003. 0 ADJ-A1 NoSubs
17 9 2 245 5 -10.4 0.137 -9.000 -9.000 -999. 121. 21.9 0.0380 0.47 1.00 2.08 333.0 10.0 293.8 2.0 0
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17 9 2 245 6 -9.1 0.127 -9.000 -9.000 -999. 108. 20.1 0.0330 0.47 1.00 1.99 305.0 10.0 295.4 2.0 0
0.00 45. 1003. 0 ADJ-A1 NoSubs
17 9 2 245 7 1.0 0.087 0.101 0.010 37. 62. -59.8 0.0260 0.47 0.40 1.21 299.0 10.0 296.4 2.0 0
0.00 45. 1004. 0 ADJ-A1 NoSubs
17 9 2 245 8 47.2 0.132 0.633 0.008 192. 115. -4.3 0.0380 0.47 0.24 1.33 221.0 10.0 301.4 2.0 0

0.00 30. 1004. 0 ADJ-A1 NoSubs
17 9 2 245 9 89.8 0.175 0.861 0.005 255. 175. -5.3 0.0290 0.47 0.19 1.93 61.0 10.0 304.2 2.0 0
0.00 27. 1004. 0 ADJ-A1 NoSubs
17 9 2 245 10 125.0 0.162 1.217 0.005 516. 157. -3.1 0.0300 0.47 0.18 1.65 106.0 10.0 308.1 2.0 0
0.00 22. 1004. 0 ADJ-A1 NoSubs
17 9 2 245 11 150.5 0.160 1.544 0.005 876. 154. -2.4 0.0340 0.47 0.17 1.52 128.0 10.0 312.0 2.0 0
0.00 16. 1003. 0 ADJ-A1 NoSubs
17 9 2 245 12 165.1 0.166 1.858 0.005 1391. 163. -2.5 0.0340 0.47 0.17 1.59 136.0 10.0 315.4 2.0 0
0.00 13. 1003. 0 ADJ-A1 NoSubs
17 9 2 245 13 165.6 0.313 2.023 0.005 1791. 420. -16.5 0.0230 0.47 0.17 4.07 187.0 10.0 314.2 2.0 0
0.00 15. 1002. 0 ADJ-A1 NoSubs
17 9 2 245 14 154.7 0.303 2.082 0.005 2091. 400. -16.1 0.0290 0.47 0.17 3.76 246.0 10.0 312.5 2.0 0
0.00 15. 1002. 0 ADJ-A1 NoSubs
17 9 2 245 15 133.6 0.250 2.053 0.005 2322. 302. -10.5 0.0290 0.47 0.18 2.98 250.0 10.0 312.0 2.0 0
0.00 13. 1002. 0 ADJ-A1 NoSubs
17 9 2 245 16 102.6 0.217 1.947 0.005 2575. 243. -8.9 0.0290 0.47 0.19 2.54 242.0 10.0 312.0 2.0 0
0.00 13. 1002. 0 ADJ-A1 NoSubs
17 9 2 245 17 60.0 0.295 1.650 0.005 2678. 384. -38.2 0.0370 0.47 0.22 3.73 163.0 10.0 307.0 2.0 0
0.00 24. 1002. 0 ADJ-A1 NoSubs
17 9 2 245 18 13.0 0.176 0.988 0.005 2662. 184. -37.4 0.0370 0.47 0.34 2.22 160.0 10.0 302.0 2.0 0
0.00 33. 1002. 0 ADJ-A1 NoSubs
17 9 2 245 19 -10.8 0.137 -9.000 -9.000 -999. 122. 21.4 0.0230 0.47 0.73 2.27 196.0 10.0 297.5 2.0 0
0.00 51. 1003. 0 ADJ-A1 NoSubs
17 9 2 245 20 -5.4 0.097 -9.000 -9.000 -999. 73. 15.2 0.0330 0.47 1.00 1.55 304.0 10.0 298.8 2.0 0
0.00 44. 1003. 0 ADJ-A1 NoSubs
17 9 2 245 21 -6.5 0.107 -9.000 -9.000 -999. 84. 16.8 0.0330 0.47 1.00 1.70 302.0 10.0 297.5 2.0 0
0.00 49. 1004. 0 ADJ-A1 NoSubs
17 9 2 245 22 -8.5 0.123 -9.000 -9.000 -999. 103. 19.5 0.0330 0.47 1.00 1.93 305.0 10.0 298.8 2.0 0
0.00 45. 1004. 0 ADJ-A1 NoSubs
17 9 2 245 23 -7.3 0.113 -9.000 -9.000 -999. 91. 17.5 0.0260 0.47 1.00 1.86 299.0 10.0 298.1 2.0 0
0.00 44. 1004. 0 ADJ-A1 NoSubs
17 9 2 245 24 -13.5 0.153 -9.000 -9.000 -999. 144. 25.9 0.0230 0.47 1.00 2.52 205.0 10.0 295.4 2.0 0
0.00 52. 1005. 0 ADJ-A1 NoSubs
17 9 3 246 1 -11.5 0.142 -9.000 -9.000 -999. 128. 22.4 0.0260 0.47 1.00 2.30 272.0 10.0 295.9 2.0 0
0.00 54. 1005. 0 ADJ-A1 NoSubs
17 9 3 246 2 -19.0 0.200 -9.000 -9.000 -999. 215. 44.0 0.0260 0.47 1.00 3.17 271.0 10.0 295.9 2.0 0
0.00 54. 1005. 0 ADJ-A1 NoSubs
17 9 3 246 3 -16.9 0.178 -9.000 -9.000 -999. 180. 34.9 0.0260 0.47 1.00 2.84 274.0 10.0 295.9 2.0 0
0.00 54. 1006. 0 ADJ-A1 NoSubs
17 9 3 246 4 -19.8 0.207 -9.000 -9.000 -999. 226. 47.2 0.0290 0.47 1.00 3.22 262.0 10.0 295.4 2.0 0
0.00 58. 1006. 0 ADJ-A1 NoSubs
17 9 3 246 5 -8.0 0.117 -9.000 -9.000 -999. 100. 18.2 0.0260 0.47 1.00 1.93 286.0 10.0 295.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
17 9 3 246 6 -5.2 0.094 -9.000 -9.000 -999. 69. 14.5 0.0290 0.47 1.00 1.54 263.0 10.0 294.9 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
17 9 3 246 7 0.3 0.102 0.048 0.006 13. 79. -317.2 0.0290 0.47 0.40 1.47 257.0 10.0 295.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
17 9 3 246 8 46.0 0.106 0.591 0.005 161. 83. -2.3 0.0330 0.47 0.24 1.01 304.0 10.0 299.9 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
17 9 3 246 9 88.2 0.217 1.082 0.005 517. 243. -10.4 0.0340 0.47 0.19 2.50 134.0 10.0 302.0 2.0 0
0.00 43. 1008. 0 ADJ-A1 NoSubs
17 9 3 246 10 122.9 0.188 1.434 0.005 865. 197. -4.9 0.0300 0.47 0.18 2.04 100.0 10.0 305.4 2.0 0
0.00 33. 1008. 0 ADJ-A1 NoSubs
17 9 3 246 11 147.2 0.204 1.671 0.005 1142. 221. -5.2 0.0340 0.47 0.17 2.16 132.0 10.0 307.5 2.0 0

0.00 25. 1008. 0 ADJ-A1 NoSubs
17 9 3 246 12 158.9 0.374 1.848 0.005 1431. 549. -29.6 0.0370 0.47 0.17 4.65 173.0 10.0 306.4 2.0 0
0.00 26. 1008. 0 ADJ-A1 NoSubs
17 9 3 246 13 160.1 0.285 2.082 0.005 2028. 370. -13.0 0.0290 0.47 0.17 3.47 249.0 10.0 306.4 2.0 0
0.00 23. 1007. 0 ADJ-A1 NoSubs
17 9 3 246 14 147.3 0.309 2.143 0.005 2405. 411. -17.9 0.0380 0.47 0.17 3.66 211.0 10.0 300.4 2.0 0
0.00 38. 1007. 0 ADJ-A1 NoSubs
17 9 3 246 15 128.6 0.202 2.223 0.005 3073. 223. -5.7 0.0380 0.47 0.18 2.11 239.0 10.0 304.9 2.0 0
0.00 27. 1006. 0 ADJ-A1 NoSubs
17 9 3 246 16 97.2 0.232 2.094 0.005 3398. 269. -11.6 0.0230 0.47 0.19 2.93 190.0 10.0 304.2 2.0 0
0.00 28. 1006. 0 ADJ-A1 NoSubs
17 9 3 246 17 54.4 0.299 1.741 0.005 3485. 392. -44.1 0.0230 0.47 0.22 4.17 188.0 10.0 297.0 2.0 0
0.00 63. 1006. 0 ADJ-A1 NoSubs
17 9 3 246 18 8.9 0.208 0.953 0.005 3479. 231. -90.3 0.0380 0.47 0.35 2.74 236.0 10.0 294.2 2.0 0
0.00 75. 1006. 0 ADJ-A1 NoSubs
17 9 3 246 19 -14.4 0.161 -9.000 -9.000 -999. 156. 28.7 0.0370 0.47 0.75 2.44 179.0 10.0 292.5 2.0 0
0.00 84. 1007. 0 ADJ-A1 NoSubs
17 9 3 246 20 -5.4 0.095 -9.000 -9.000 -999. 72. 14.3 0.0230 0.47 1.00 1.62 197.0 10.0 291.4 2.0 0
0.00 90. 1007. 0 ADJ-A1 NoSubs
17 9 3 246 21 -11.2 0.142 -9.000 -9.000 -999. 128. 22.7 0.0370 0.47 1.00 2.16 170.0 10.0 291.4 2.0 0
0.00 93. 1008. 0 ADJ-A1 NoSubs
17 9 3 246 22 -10.4 0.135 -9.000 -9.000 -999. 119. 21.4 0.0340 0.47 1.00 2.10 136.0 10.0 291.4 2.0 0
0.00 93. 1009. 0 ADJ-A1 NoSubs
17 9 3 246 23 -6.9 0.110 -9.000 -9.000 -999. 87. 17.1 0.0330 0.47 1.00 1.74 327.0 10.0 292.0 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
17 9 3 246 24 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0260 0.47 1.00 1.65 292.0 10.0 292.5 2.0 0
0.00 84. 1006. 0 ADJ-A1 NoSubs
17 9 4 247 1 -2.4 0.067 -9.000 -9.000 -999. 42. 11.3 0.0290 0.47 1.00 1.01 64.0 10.0 292.5 2.0 0
0.00 84. 1006. 0 ADJ-A1 NoSubs
17 9 4 247 2 -6.3 0.103 -9.000 -9.000 -999. 79. 15.5 0.0230 0.47 1.00 1.74 183.0 10.0 292.0 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
17 9 4 247 3 -4.3 0.086 -9.000 -9.000 -999. 60. 13.4 0.0330 0.47 1.00 1.37 326.0 10.0 292.0 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
17 9 4 247 4 -2.2 0.065 -9.000 -9.000 -999. 40. 11.6 0.0330 0.47 1.00 0.92 312.0 10.0 292.5 2.0 0
0.00 84. 1005. 0 ADJ-A1 NoSubs
17 9 4 247 5 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0260 0.47 1.00 1.54 294.0 10.0 292.0 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
17 9 4 247 6 -5.5 0.097 -9.000 -9.000 -999. 73. 14.9 0.0290 0.47 1.00 1.59 263.0 10.0 292.0 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
17 9 4 247 7 -0.7 0.112 -9.000 -9.000 -999. 90. 170.2 0.0290 0.47 0.40 1.69 259.0 10.0 293.1 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
17 9 4 247 8 47.2 0.271 0.589 0.022 155. 338. -37.8 0.0290 0.47 0.24 3.59 242.0 10.0 294.2 2.0 0
0.00 70. 1007. 3 ADJ-A1 NoSubs
17 9 4 247 9 85.0 0.274 0.809 0.022 224. 345. -21.8 0.0260 0.47 0.19 3.57 273.0 10.0 295.4 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
17 9 4 247 10 118.5 0.304 0.989 0.021 294. 401. -21.2 0.0290 0.47 0.18 3.86 269.0 10.0 296.4 2.0 0
0.00 61. 1007. 0 ADJ-A1 NoSubs
17 9 4 247 11 115.6 0.253 1.056 0.021 366. 307. -12.6 0.0290 0.47 0.17 3.07 253.0 10.0 294.2 2.0 11
0.50 78. 1007. 7 ADJ-A1 NoSubs
17 9 4 247 12 155.2 0.218 1.243 0.020 444. 244. -6.0 0.0290 0.47 0.17 2.44 255.0 10.0 299.9 2.0 0
0.00 55. 1006. 0 ADJ-A1 NoSubs
17 9 4 247 13 156.5 0.372 1.284 0.017 486. 545. -29.5 0.0290 0.47 0.17 4.85 265.0 10.0 300.4 2.0 0
0.00 59. 1006. 0 ADJ-A1 NoSubs
17 9 4 247 14 145.9 0.474 1.309 0.009 552. 783. -65.4 0.0290 0.47 0.17 6.47 256.0 10.0 298.8 2.0 0

0.00 63. 1006. 0 ADJ-A1 NoSubs
17 9 4 247 15 125.0 0.456 1.292 0.011 619. 739. -67.8 0.0290 0.47 0.18 6.23 266.0 10.0 298.8 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
17 9 4 247 16 93.2 0.423 1.185 0.015 641. 661. -72.6 0.0290 0.47 0.19 5.80 269.0 10.0 297.0 2.0 0
0.00 73. 1005. 0 ADJ-A1 NoSubs
17 9 4 247 17 53.5 0.379 0.992 0.015 654. 562. -91.4 0.0260 0.47 0.23 5.36 275.0 10.0 297.5 2.0 0
0.00 70. 1005. 0 ADJ-A1 NoSubs
17 9 4 247 18 8.4 0.311 0.537 0.015 654. 418. -317.9 0.0260 0.47 0.35 4.54 271.0 10.0 295.9 2.0 0
0.00 78. 1005. 0 ADJ-A1 NoSubs
17 9 4 247 19 -22.4 0.235 -9.000 -9.000 -999. 276. 60.7 0.0290 0.47 1.00 3.63 268.0 10.0 295.4 2.0 0
0.00 81. 1006. 0 ADJ-A1 NoSubs
17 9 4 247 20 -27.1 0.284 -9.000 -9.000 -999. 364. 88.8 0.0260 0.47 1.00 4.44 284.0 10.0 295.4 2.0 0
0.00 83. 1007. 3 ADJ-A1 NoSubs
17 9 4 247 21 -21.5 0.226 -9.000 -9.000 -999. 259. 56.1 0.0260 0.47 1.00 3.56 290.0 10.0 295.9 2.0 0
0.00 78. 1007. 7 ADJ-A1 NoSubs
17 9 4 247 22 -22.7 0.238 -9.000 -9.000 -999. 279. 62.5 0.0260 0.47 1.00 3.75 286.0 10.0 295.9 2.0 0
0.00 78. 1007. 5 ADJ-A1 NoSubs
17 9 4 247 23 -22.2 0.234 -9.000 -9.000 -999. 271. 60.1 0.0260 0.47 1.00 3.68 286.0 10.0 295.9 2.0 0
0.00 78. 1007. 0 ADJ-A1 NoSubs
17 9 4 247 24 -10.4 0.135 -9.000 -9.000 -999. 124. 21.3 0.0290 0.47 1.00 2.16 261.0 10.0 294.9 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
17 9 5 248 1 -13.0 0.152 -9.000 -9.000 -999. 142. 25.3 0.0290 0.47 1.00 2.40 247.0 10.0 294.2 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
17 9 5 248 2 -10.1 0.133 -9.000 -9.000 -999. 116. 20.7 0.0260 0.47 1.00 2.16 276.0 10.0 294.9 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
17 9 5 248 3 -8.3 0.119 -9.000 -9.000 -999. 99. 18.4 0.0260 0.47 1.00 1.96 272.0 10.0 293.8 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
17 9 5 248 4 -11.3 0.141 -9.000 -9.000 -999. 127. 22.1 0.0260 0.47 1.00 2.28 281.0 10.0 294.2 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
17 9 5 248 5 -4.5 0.088 -9.000 -9.000 -999. 63. 13.5 0.0290 0.47 1.00 1.43 263.0 10.0 293.8 2.0 0
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17 9 5 248 6 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0340 0.47 1.00 1.31 141.0 10.0 292.0 2.0 0
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17 9 5 248 7 5.2 0.158 0.259 0.007 119. 151. -68.0 0.0260 0.47 0.41 2.21 274.0 10.0 294.9 2.0 0
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17 9 5 248 8 46.6 0.174 0.677 0.008 240. 173. -10.1 0.0310 0.47 0.24 2.03 20.0 10.0 295.9 2.0 0
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17 9 5 248 9 88.8 0.167 1.069 0.014 496. 165. -4.8 0.0380 0.47 0.19 1.71 236.0 10.0 298.1 2.0 0
0.00 65. 1009. 3 ADJ-A1 NoSubs
17 9 5 248 10 118.8 0.236 1.259 0.015 605. 276. -10.0 0.0370 0.47 0.18 2.66 167.0 10.0 298.8 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
17 9 5 248 11 143.0 0.188 1.381 0.014 664. 196. -4.2 0.0230 0.47 0.17 2.11 203.0 10.0 301.4 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
17 9 5 248 12 155.5 0.330 1.460 0.013 722. 456. -20.9 0.0380 0.47 0.17 3.97 215.0 10.0 302.0 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
17 9 5 248 13 154.9 0.508 1.509 0.014 799. 869. -76.1 0.0380 0.47 0.17 6.64 236.0 10.0 298.1 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
17 9 5 248 14 140.1 0.494 1.500 0.014 868. 833. -77.3 0.0380 0.47 0.17 6.46 236.0 10.0 295.9 2.0 0
0.00 75. 1009. 5 ADJ-A1 NoSubs
17 9 5 248 15 30.7 0.379 0.910 0.014 882. 571. -159.8 0.0290 0.47 0.18 5.36 251.0 10.0 294.9 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
17 9 5 248 16 22.7 0.361 0.826 0.014 892. 521. -186.1 0.0290 0.47 0.19 5.12 254.0 10.0 294.2 2.0 0
0.00 81. 1009. 10 ADJ-A1 NoSubs
17 9 5 248 17 51.3 0.354 1.093 0.014 916. 505. -77.7 0.0290 0.47 0.23 4.87 250.0 10.0 294.2 2.0 0

0.00 78. 1009. 0 ADJ-A1 NoSubs
17 9 5 248 18 6.5 0.287 0.549 0.014 917. 371. -327.9 0.0290 0.47 0.36 4.12 246.0 10.0 293.1 2.0 0
0.00 81. 1009. 0 ADJ-A1 NoSubs
17 9 5 248 19 -22.5 0.233 -9.000 -9.000 -999. 270. 59.5 0.0380 0.47 1.00 3.43 232.0 10.0 292.0 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
17 9 5 248 20 -10.8 0.139 -9.000 -9.000 -999. 128. 22.2 0.0380 0.47 1.00 2.11 235.0 10.0 290.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
17 9 5 248 21 -5.6 0.097 -9.000 -9.000 -999. 73. 14.9 0.0290 0.47 1.00 1.59 247.0 10.0 290.4 2.0 0
0.00 93. 1010. 5 ADJ-A1 NoSubs
17 9 5 248 22 -5.0 0.092 -9.000 -9.000 -999. 67. 14.0 0.0290 0.47 1.00 1.50 248.0 10.0 290.4 2.0 0
0.00 93. 1010. 3 ADJ-A1 NoSubs
17 9 5 248 23 -2.1 0.064 -9.000 -9.000 -999. 39. 11.4 0.0290 0.47 1.00 0.91 243.0 10.0 289.9 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
17 9 5 248 24 -4.5 0.087 -9.000 -9.000 -999. 62. 13.1 0.0230 0.47 1.00 1.48 209.0 10.0 290.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 1 -9.9 0.131 -9.000 -9.000 -999. 114. 20.4 0.0290 0.47 1.00 2.10 261.0 10.0 289.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 2 -9.9 0.131 -9.000 -9.000 -999. 114. 20.4 0.0290 0.47 1.00 2.10 256.0 10.0 289.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 3 -8.3 0.119 -9.000 -9.000 -999. 99. 18.3 0.0260 0.47 1.00 1.96 270.0 10.0 289.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 4 -6.0 0.100 -9.000 -9.000 -999. 76. 15.2 0.0260 0.47 1.00 1.67 285.0 10.0 289.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 5 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0330 0.47 1.00 1.50 306.0 10.0 290.4 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
17 9 6 249 6 -4.1 0.085 -9.000 -9.000 -999. 59. 13.3 0.0380 0.47 1.00 1.31 351.0 10.0 289.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 6 249 7 -3.8 0.115 -9.000 -9.000 -999. 94. 36.5 0.0330 0.47 0.41 1.76 51.0 10.0 289.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 8 9.3 0.109 0.420 0.023 284. 86. -12.3 0.0370 0.47 0.24 1.25 151.0 10.0 290.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 9 19.7 0.148 0.550 0.023 305. 137. -14.8 0.0230 0.47 0.19 1.91 187.0 10.0 290.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
17 9 6 249 10 28.1 0.208 0.629 0.022 318. 228. -28.9 0.0290 0.47 0.18 2.71 240.0 10.0 290.9 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
17 9 6 249 11 34.3 0.218 0.683 0.021 334. 245. -27.3 0.0290 0.47 0.17 2.83 245.0 10.0 292.5 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
17 9 6 249 12 37.2 0.325 0.712 0.017 350. 445. -83.3 0.0380 0.47 0.17 4.27 232.0 10.0 292.0 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
17 9 6 249 13 153.0 0.356 1.212 0.017 419. 510. -26.6 0.0380 0.47 0.17 4.37 234.0 10.0 294.9 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
17 9 6 249 14 146.0 0.358 1.295 0.016 536. 514. -28.3 0.0380 0.47 0.17 4.41 234.0 10.0 296.4 2.0 0
0.00 65. 1010. 3 ADJ-A1 NoSubs
17 9 6 249 15 121.6 0.365 1.248 0.015 576. 530. -36.1 0.0380 0.47 0.18 4.58 226.0 10.0 294.2 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
17 9 6 249 16 90.4 0.370 1.143 0.014 594. 540. -50.3 0.0380 0.47 0.19 4.73 230.0 10.0 294.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
17 9 6 249 17 44.9 0.378 0.909 0.013 602. 558. -108.4 0.0380 0.47 0.23 5.02 226.0 10.0 293.1 2.0 0
0.00 81. 1009. 7 ADJ-A1 NoSubs
17 9 6 249 18 10.0 0.322 0.552 0.013 603. 439. -298.6 0.0380 0.47 0.36 4.39 235.0 10.0 292.0 2.0 0
0.00 86. 1009. 7 ADJ-A1 NoSubs
17 9 6 249 19 -20.3 0.209 -9.000 -9.000 -999. 236. 48.1 0.0380 0.47 1.00 3.10 237.0 10.0 291.4 2.0 0
0.00 90. 1009. 10 ADJ-A1 NoSubs
17 9 6 249 20 -9.8 0.132 -9.000 -9.000 -999. 117. 21.0 0.0380 0.47 1.00 2.01 237.0 10.0 291.4 2.0 0

0.00 90. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 21 -12.6 0.150 -9.000 -9.000 -999. 140. 24.8 0.0380 0.47 1.00 2.27 222.0 10.0 291.4 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 22 -7.0 0.110 -9.000 -9.000 -999. 88. 17.4 0.0380 0.47 1.00 1.71 236.0 10.0 291.4 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 23 -8.5 0.122 -9.000 -9.000 -999. 103. 19.4 0.0380 0.47 1.00 1.88 221.0 10.0 291.4 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
17 9 6 249 24 -8.3 0.121 -9.000 -9.000 -999. 101. 19.1 0.0380 0.47 1.00 1.86 222.0 10.0 290.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 7 250 1 -8.1 0.119 -9.000 -9.000 -999. 99. 18.9 0.0380 0.47 1.00 1.84 227.0 10.0 290.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 7 250 2 -13.3 0.151 -9.000 -9.000 -999. 141. 25.2 0.0230 0.47 1.00 2.49 200.0 10.0 290.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 7 250 3 -18.5 0.191 -9.000 -9.000 -999. 200. 40.0 0.0380 0.47 1.00 2.84 215.0 10.0 290.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 7 250 4 -13.8 0.157 -9.000 -9.000 -999. 150. 27.2 0.0380 0.47 1.00 2.37 238.0 10.0 290.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 7 250 5 -5.5 0.098 -9.000 -9.000 -999. 74. 15.2 0.0380 0.47 1.00 1.52 225.0 10.0 290.4 2.0 0
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17 9 7 250 6 -5.6 0.099 -9.000 -9.000 -999. 75. 15.5 0.0380 0.47 1.00 1.54 214.0 10.0 290.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 7 250 7 -2.4 0.090 -9.000 -9.000 -999. 65. 26.6 0.0380 0.47 0.41 1.35 222.0 10.0 291.4 2.0 0
0.00 90. 1010. 10 ADJ-A1 NoSubs
17 9 7 250 8 9.7 0.148 0.327 0.005 130. 137. -30.5 0.0380 0.47 0.24 1.84 234.0 10.0 292.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
17 9 7 250 9 20.5 0.214 0.637 0.005 453. 238. -43.2 0.0380 0.47 0.19 2.72 236.0 10.0 293.8 2.0 0
0.00 75. 1010. 10 ADJ-A1 NoSubs
17 9 7 250 10 28.9 0.247 0.837 0.005 731. 295. -46.9 0.0380 0.47 0.18 3.15 238.0 10.0 294.2 2.0 0
0.00 70. 1010. 10 ADJ-A1 NoSubs
17 9 7 250 11 35.3 0.243 0.954 0.006 888. 287. -36.6 0.0380 0.47 0.17 3.05 211.0 10.0 295.9 2.0 0
0.00 65. 1010. 10 ADJ-A1 NoSubs
17 9 7 250 12 38.3 0.251 0.994 0.007 925. 302. -37.3 0.0230 0.47 0.17 3.47 196.0 10.0 295.9 2.0 0
0.00 65. 1010. 10 ADJ-A1 NoSubs
17 9 7 250 13 152.4 0.387 1.647 0.012 1058. 577. -34.2 0.0380 0.47 0.17 4.83 232.0 10.0 295.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 9 7 250 14 142.9 0.364 1.668 0.013 1171. 529. -30.5 0.0290 0.47 0.17 4.76 246.0 10.0 297.0 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
17 9 7 250 15 121.2 0.395 1.618 0.014 1257. 596. -45.7 0.0290 0.47 0.18 5.29 241.0 10.0 295.9 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
17 9 7 250 16 89.8 0.386 1.487 0.016 1318. 575. -57.4 0.0380 0.47 0.19 4.97 224.0 10.0 295.9 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
17 9 7 250 17 49.0 0.352 1.224 0.017 1347. 502. -79.8 0.0380 0.47 0.23 4.61 231.0 10.0 293.8 2.0 0
0.00 78. 1007. 0 ADJ-A1 NoSubs
17 9 7 250 18 4.2 0.189 0.542 0.017 1348. 218. -144.6 0.0230 0.47 0.37 2.78 209.0 10.0 292.5 2.0 0
0.00 84. 1007. 0 ADJ-A1 NoSubs
17 9 7 250 19 -14.4 0.160 -9.000 -9.000 -999. 154. 28.1 0.0290 0.47 1.00 2.52 67.0 10.0 291.4 2.0 0
0.00 90. 1007. 0 ADJ-A1 NoSubs
17 9 7 250 20 -21.2 0.219 -9.000 -9.000 -999. 245. 52.6 0.0290 0.47 1.00 3.39 76.0 10.0 290.9 2.0 0
0.00 93. 1007. 5 ADJ-A1 NoSubs
17 9 7 250 21 -12.8 0.150 -9.000 -9.000 -999. 141. 24.8 0.0290 0.47 1.00 2.38 82.0 10.0 291.4 2.0 0
0.00 90. 1007. 10 ADJ-A1 NoSubs
17 9 7 250 22 -8.0 0.118 -9.000 -9.000 -999. 98. 18.5 0.0330 0.47 1.00 1.87 53.0 10.0 291.4 2.0 0
0.00 90. 1007. 10 ADJ-A1 NoSubs
17 9 7 250 23 -5.4 0.096 -9.000 -9.000 -999. 71. 14.8 0.0310 0.47 1.00 1.55 24.0 10.0 290.9 2.0 0

0.00 89. 1007. 10 ADJ-A1 NoSubs
17 9 7 250 24 -3.0 0.073 -9.000 -9.000 -999. 47. 11.7 0.0310 0.47 1.00 1.13 17.0 10.0 290.9 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
17 9 8 251 1 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0380 0.47 1.00 0.91 348.0 10.0 289.9 2.0 0
0.00 93. 1006. 0 ADJ-A1 NoSubs
17 9 8 251 2 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.25 309.0 10.0 289.2 2.0 0
0.00 93. 1007. 7 ADJ-A1 NoSubs
17 9 8 251 3 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0330 0.47 1.00 1.18 325.0 10.0 289.2 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
17 9 8 251 4 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0260 0.47 1.00 1.43 288.0 10.0 289.2 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
17 9 8 251 5 -2.8 0.071 -9.000 -9.000 -999. 46. 11.5 0.0290 0.47 1.00 1.11 267.0 10.0 289.9 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
17 9 8 251 6 -2.5 0.069 -9.000 -9.000 -999. 44. 11.8 0.0380 0.47 1.00 0.99 224.0 10.0 289.9 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
17 9 8 251 7 -2.2 0.080 -9.000 -9.000 -999. 54. 20.5 0.0260 0.47 0.42 1.30 271.0 10.0 290.4 2.0 0
0.00 90. 1007. 10 ADJ-A1 NoSubs
17 9 8 251 8 9.0 0.095 0.331 0.007 144. 70. -8.4 0.0380 0.47 0.25 1.04 226.0 10.0 290.4 2.0 0
0.00 90. 1007. 10 ADJ-A1 NoSubs
17 9 8 251 9 19.4 0.121 0.510 0.009 246. 101. -8.3 0.0230 0.47 0.19 1.48 180.0 10.0 290.4 2.0 0
0.00 90. 1008. 10 ADJ-A1 NoSubs
17 9 8 251 10 95.5 0.185 1.105 0.016 507. 191. -6.0 0.0370 0.47 0.18 1.96 154.0 10.0 293.1 2.0 0
0.00 75. 1008. 7 ADJ-A1 NoSubs
17 9 8 251 11 141.4 0.198 1.321 0.016 587. 211. -4.9 0.0340 0.47 0.17 2.08 146.0 10.0 295.4 2.0 0
0.00 67. 1007. 3 ADJ-A1 NoSubs
17 9 8 251 12 151.0 0.336 1.405 0.017 661. 467. -22.5 0.0230 0.47 0.17 4.48 191.0 10.0 295.9 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
17 9 8 251 13 154.0 0.406 1.460 0.018 728. 621. -39.1 0.0380 0.47 0.17 5.12 222.0 10.0 294.9 2.0 0
0.00 67. 1007. 3 ADJ-A1 NoSubs
17 9 8 251 14 141.6 0.371 1.460 0.018 790. 542. -32.3 0.0380 0.47 0.17 4.61 230.0 10.0 295.9 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
17 9 8 251 15 120.0 0.398 1.411 0.019 842. 602. -47.1 0.0380 0.47 0.18 5.07 221.0 10.0 294.9 2.0 0
0.00 70. 1007. 0 ADJ-A1 NoSubs
17 9 8 251 16 74.1 0.389 1.215 0.019 869. 582. -71.3 0.0380 0.47 0.19 5.07 212.0 10.0 292.0 2.0 0
0.00 83. 1006. 7 ADJ-A1 NoSubs
17 9 8 251 17 11.0 0.267 0.643 0.019 871. 340. -155.4 0.0230 0.47 0.23 3.92 207.0 10.0 290.9 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
17 9 8 251 18 -1.3 0.228 -9.000 -9.000 -999. 262. 798.2 0.0380 0.47 0.37 3.20 216.0 10.0 290.4 2.0 0
0.00 90. 1007. 10 ADJ-A1 NoSubs
17 9 8 251 19 -12.1 0.144 -9.000 -9.000 -999. 134. 22.8 0.0230 0.47 1.00 2.38 196.0 10.0 289.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
17 9 8 251 20 -14.9 0.164 -9.000 -9.000 -999. 159. 29.4 0.0370 0.47 1.00 2.47 161.0 10.0 289.9 2.0 0
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17 9 8 251 21 -15.2 0.164 -9.000 -9.000 -999. 160. 29.7 0.0340 0.47 1.00 2.52 145.0 10.0 289.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
17 9 8 251 22 -10.0 0.132 -9.000 -9.000 -999. 116. 20.9 0.0340 0.47 1.00 2.06 124.0 10.0 289.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
17 9 8 251 23 -9.9 0.132 -9.000 -9.000 -999. 114. 20.7 0.0340 0.47 1.00 2.05 121.0 10.0 289.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
17 9 8 251 24 -9.8 0.131 -9.000 -9.000 -999. 114. 20.6 0.0340 0.47 1.00 2.04 122.0 10.0 289.9 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
17 9 9 252 1 -14.0 0.157 -9.000 -9.000 -999. 150. 27.2 0.0300 0.47 1.00 2.47 96.0 10.0 289.9 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
17 9 9 252 2 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0290 0.47 1.00 1.74 88.0 10.0 289.9 2.0 0

0.00 93. 1009. 10 ADJ-A1 NoSubs
17 9 9 252 3 -8.3 0.120 -9.000 -9.000 -999. 99. 18.5 0.0290 0.47 1.00 1.93 73.0 10.0 289.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 9 252 4 -13.3 0.153 -9.000 -9.000 -999. 143. 25.7 0.0290 0.47 1.00 2.42 68.0 10.0 289.2 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 9 252 5 -13.1 0.152 -9.000 -9.000 -999. 142. 25.3 0.0290 0.47 1.00 2.40 61.0 10.0 289.9 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
17 9 9 252 6 -6.7 0.107 -9.000 -9.000 -999. 85. 16.6 0.0330 0.47 1.00 1.71 43.0 10.0 289.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 9 9 252 7 -1.7 0.067 -9.000 -9.000 -999. 42. 16.3 0.0300 0.47 0.42 1.09 95.0 10.0 289.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 9 252 8 8.8 0.125 0.355 0.010 184. 105. -19.8 0.0370 0.47 0.25 1.50 173.0 10.0 289.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
17 9 9 252 9 19.2 0.116 0.533 0.017 283. 94. -7.2 0.0340 0.47 0.19 1.28 147.0 10.0 290.4 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
17 9 9 252 10 27.8 0.149 0.667 0.021 384. 138. -10.7 0.0340 0.47 0.18 1.72 142.0 10.0 291.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
17 9 9 252 11 34.2 0.135 0.771 0.027 482. 119. -6.4 0.0230 0.47 0.17 1.60 182.0 10.0 293.8 2.0 0
0.00 75. 1011. 10 ADJ-A1 NoSubs
17 9 9 252 12 150.1 0.205 1.349 0.025 589. 223. -5.2 0.0230 0.47 0.17 2.37 186.0 10.0 295.4 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
17 9 9 252 13 151.3 0.296 1.380 0.023 626. 386. -15.4 0.0230 0.47 0.17 3.83 187.0 10.0 296.4 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
17 9 9 252 14 140.6 0.380 1.370 0.021 659. 563. -35.2 0.0380 0.47 0.17 4.76 217.0 10.0 295.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 9 9 252 15 119.0 0.332 1.315 0.020 688. 461. -27.8 0.0380 0.47 0.18 4.09 229.0 10.0 294.9 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
17 9 9 252 16 87.0 0.303 1.196 0.019 708. 401. -28.8 0.0230 0.47 0.19 4.12 201.0 10.0 293.8 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
17 9 9 252 17 46.2 0.286 0.971 0.018 713. 367. -45.5 0.0380 0.47 0.23 3.64 212.0 10.0 292.0 2.0 0
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17 9 9 252 18 -2.2 0.203 -9.000 -9.000 -999. 223. 337.1 0.0380 0.47 0.38 2.89 212.0 10.0 290.4 2.0 0
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17 9 9 252 19 -7.8 0.115 -9.000 -9.000 -999. 96. 17.4 0.0230 0.47 1.00 1.93 203.0 10.0 289.9 2.0 0
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17 9 9 252 20 -3.4 0.076 -9.000 -9.000 -999. 50. 11.6 0.0230 0.47 1.00 1.26 208.0 10.0 289.9 2.0 0
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17 9 9 252 21 -2.9 0.072 -9.000 -9.000 -999. 46. 11.5 0.0300 0.47 1.00 1.11 95.0 10.0 290.4 2.0 0
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17 9 9 252 22 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0330 0.47 1.00 1.31 43.0 10.0 290.4 2.0 0
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17 9 9 252 23 -2.8 0.071 -9.000 -9.000 -999. 46. 11.7 0.0330 0.47 1.00 1.08 30.0 10.0 289.9 2.0 0
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17 9 9 252 24 -2.0 0.064 -9.000 -9.000 -999. 39. 11.7 0.0330 0.47 1.00 0.86 316.0 10.0 288.8 2.0 0
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17 9 10 253 10 114.8 0.150 0.923 0.020 247. 140. -2.7 0.0340 0.47 0.18 1.45 120.0 10.0 295.9 2.0 0
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17 9 10 253 11 139.4 0.154 1.088 0.017 332. 144. -2.3 0.0340 0.47 0.17 1.45 144.0 10.0 300.4 2.0 0
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17 9 10 253 12 152.1 0.259 1.181 0.013 389. 317. -10.3 0.0370 0.47 0.17 2.93 158.0 10.0 302.0 2.0 0
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17 9 10 253 13 151.6 0.308 1.258 0.011 472. 410. -17.3 0.0380 0.47 0.17 3.64 217.0 10.0 299.2 2.0 0
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17 9 10 253 14 141.6 0.253 1.285 0.008 538. 307. -10.3 0.0290 0.47 0.17 3.01 245.0 10.0 300.4 2.0 0
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17 9 10 253 16 86.7 0.339 1.130 0.006 597. 474. -40.4 0.0230 0.47 0.19 4.71 182.0 10.0 295.9 2.0 0
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17 9 10 253 17 45.8 0.231 0.919 0.005 609. 273. -24.2 0.0370 0.47 0.24 2.83 167.0 10.0 294.2 2.0 0
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17 9 10 253 18 1.3 0.186 0.279 0.005 608. 193. -453.8 0.0370 0.47 0.39 2.57 160.0 10.0 293.1 2.0 0
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17 9 10 253 20 -3.6 0.079 -9.000 -9.000 -999. 53. 12.1 0.0260 0.47 1.00 1.30 273.0 10.0 291.4 2.0 0
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17 9 11 254 10 117.4 0.255 1.111 0.010 420. 309. -12.6 0.0300 0.47 0.18 3.07 99.0 10.0 303.8 2.0 0
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17 9 11 254 11 141.4 0.250 1.346 0.014 619. 299. -9.9 0.0340 0.47 0.17 2.86 125.0 10.0 305.9 2.0 0
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17 9 11 254 12 153.5 0.310 1.444 0.014 704. 413. -17.3 0.0230 0.47 0.17 4.05 201.0 10.0 306.4 2.0 0
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17 9 11 254 13 151.3 0.432 1.481 0.013 771. 681. -47.8 0.0380 0.47 0.17 5.51 231.0 10.0 300.4 2.0 0
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17 9 11 254 14 143.9 0.236 1.490 0.012 826. 309. -8.2 0.0290 0.47 0.17 2.74 247.0 10.0 301.4 2.0 0
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17 9 11 254 15 119.0 0.282 1.420 0.011 865. 359. -16.8 0.0380 0.47 0.18 3.32 234.0 10.0 299.9 2.0 0
0.00 41. 1006. 0 ADJ-A1 NoSubs
17 9 11 254 16 73.3 0.186 1.218 0.011 886. 196. -7.9 0.0290 0.47 0.19 2.15 252.0 10.0 297.0 2.0 11
1.50 65. 1006. 7 ADJ-A1 NoSubs
17 9 11 254 17 49.3 0.124 1.075 0.011 904. 106. -3.5 0.0260 0.47 0.24 1.33 278.0 10.0 298.8 2.0 0
0.00 49. 1006. 5 ADJ-A1 NoSubs
17 9 11 254 18 1.3 0.103 0.322 0.011 902. 80. -74.6 0.0290 0.47 0.39 1.42 269.0 10.0 296.4 2.0 0
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17 9 11 254 19 -4.7 0.090 -9.000 -9.000 -999. 65. 13.8 0.0260 0.47 1.00 1.50 286.0 10.0 295.9 2.0 0
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17 9 11 254 20 -5.5 0.098 -9.000 -9.000 -999. 74. 15.4 0.0380 0.47 1.00 1.53 214.0 10.0 292.5 2.0 0
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17 9 11 254 21 -7.2 0.110 -9.000 -9.000 -999. 88. 16.8 0.0230 0.47 1.00 1.86 193.0 10.0 292.0 2.0 0
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17 9 11 254 22 -10.0 0.133 -9.000 -9.000 -999. 116. 21.0 0.0330 0.47 1.00 2.08 312.0 10.0 291.4 2.0 0
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17 9 11 254 23 -10.8 0.139 -9.000 -9.000 -999. 124. 22.3 0.0380 0.47 1.00 2.11 344.0 10.0 292.5 2.0 0
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0.00 80. 1006. 3 ADJ-A1 NoSubs
17 9 12 255 1 -7.7 0.116 -9.000 -9.000 -999. 95. 18.2 0.0330 0.47 1.00 1.84 315.0 10.0 293.1 2.0 0
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17 9 12 255 2 -9.2 0.128 -9.000 -9.000 -999. 110. 20.4 0.0380 0.47 1.00 1.96 237.0 10.0 292.0 2.0 0
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17 9 12 255 3 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0260 0.47 1.00 1.79 293.0 10.0 290.4 2.0 0
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17 9 12 255 4 -10.7 0.136 -9.000 -9.000 -999. 120. 21.2 0.0260 0.47 1.00 2.21 291.0 10.0 292.0 2.0 0
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17 9 12 255 5 -12.7 0.150 -9.000 -9.000 -999. 139. 24.6 0.0290 0.47 1.00 2.37 268.0 10.0 292.0 2.0 0
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17 9 12 255 7 -4.2 0.152 -9.000 -9.000 -999. 142. 75.5 0.0290 0.47 0.43 2.33 269.0 10.0 293.8 2.0 0
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17 9 12 255 8 39.0 0.222 0.500 0.016 115. 251. -25.2 0.0290 0.47 0.25 2.86 261.0 10.0 295.4 2.0 0
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17 9 12 255 9 80.5 0.319 0.767 0.014 202. 433. -36.3 0.0290 0.47 0.20 4.22 243.0 10.0 295.9 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
17 9 12 255 10 113.9 0.343 1.048 0.012 363. 483. -32.0 0.0380 0.47 0.18 4.27 238.0 10.0 297.0 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
17 9 12 255 11 136.4 0.423 1.162 0.008 414. 660. -50.0 0.0380 0.47 0.17 5.41 239.0 10.0 295.9 2.0 0

0.00 73. 1008. 0 ADJ-A1 NoSubs
17 9 12 255 12 148.4 0.368 1.259 0.011 484. 538. -30.1 0.0290 0.47 0.17 4.80 249.0 10.0 296.4 2.0 0
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17 9 12 255 13 36.8 0.410 0.801 0.008 501. 631. -168.7 0.0380 0.47 0.17 5.53 236.0 10.0 293.8 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
17 9 12 255 14 33.8 0.353 0.787 0.011 517. 506. -116.9 0.0380 0.47 0.17 4.70 235.0 10.0 292.5 2.0 0
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17 9 12 255 15 28.4 0.292 0.749 0.011 531. 382. -79.2 0.0290 0.47 0.18 4.03 242.0 10.0 292.5 2.0 0
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17 9 12 255 16 20.4 0.300 0.675 0.011 541. 394. -118.8 0.0290 0.47 0.19 4.20 251.0 10.0 292.5 2.0 0
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0.30 96. 1007. 10 ADJ-A1 NoSubs
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17 9 13 256 4 -4.3 0.086 -9.000 -9.000 -999. 60. 13.1 0.0290 0.47 1.00 1.40 243.0 10.0 289.9 2.0 11
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17 9 13 256 5 -7.3 0.112 -9.000 -9.000 -999. 90. 17.3 0.0290 0.47 1.00 1.82 241.0 10.0 289.9 2.0 0
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17 9 13 256 7 -5.4 0.118 -9.000 -9.000 -999. 98. 27.4 0.0290 0.47 0.44 1.86 248.0 10.0 290.4 2.0 0
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17 9 13 256 8 8.2 0.173 0.452 0.008 406. 173. -56.9 0.0380 0.47 0.25 2.23 221.0 10.0 289.9 2.0 11
0.30 100. 1007. 10 ADJ-A1 NoSubs
17 9 13 256 9 18.8 0.217 0.623 0.013 462. 243. -49.1 0.0380 0.47 0.20 2.78 238.0 10.0 290.9 2.0 0
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17 9 13 256 10 27.0 0.209 0.736 0.017 531. 229. -30.4 0.0380 0.47 0.18 2.59 223.0 10.0 290.9 2.0 0
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17 9 13 256 11 33.0 0.218 0.823 0.022 606. 245. -28.3 0.0380 0.47 0.17 2.69 228.0 10.0 292.0 2.0 0
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17 9 13 256 12 35.8 0.281 0.877 0.027 677. 357. -55.4 0.0380 0.47 0.17 3.61 229.0 10.0 291.4 2.0 0
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17 9 13 256 13 36.4 0.252 0.910 0.028 744. 304. -39.5 0.0290 0.47 0.17 3.35 249.0 10.0 293.1 2.0 0
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17 9 13 256 14 33.9 0.338 0.923 0.029 832. 472. -102.3 0.0380 0.47 0.17 4.48 236.0 10.0 293.8 2.0 0

0.00 72. 1006. 10 ADJ-A1 NoSubs
17 9 13 256 15 28.1 0.344 0.871 0.029 842. 483. -129.3 0.0380 0.47 0.18 4.59 235.0 10.0 292.5 2.0 0
0.00 78. 1006. 10 ADJ-A1 NoSubs
17 9 13 256 16 20.1 0.320 0.781 0.029 849. 435. -145.7 0.0380 0.47 0.19 4.29 225.0 10.0 292.5 2.0 0
0.00 78. 1006. 10 ADJ-A1 NoSubs
17 9 13 256 17 9.8 0.290 0.616 0.029 852. 375. -221.4 0.0380 0.47 0.24 3.93 217.0 10.0 292.0 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
17 9 13 256 18 -6.3 0.229 -9.000 -9.000 -999. 265. 172.8 0.0380 0.47 0.41 3.30 217.0 10.0 290.9 2.0 0
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17 9 13 256 23 -20.1 0.207 -9.000 -9.000 -999. 225. 47.0 0.0230 0.47 1.00 3.34 200.0 10.0 289.9 2.0 0
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17 9 13 256 24 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0230 0.47 1.00 2.54 208.0 10.0 289.9 2.0 11
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17 9 14 257 5 -7.1 0.110 -9.000 -9.000 -999. 88. 16.9 0.0290 0.47 1.00 1.79 253.0 10.0 289.2 2.0 11
0.30 999. 1007. 10 ADJ-A1 NoSubs
17 9 14 257 6 -2.6 0.069 -9.000 -9.000 -999. 44. 11.3 0.0290 0.47 1.00 1.06 259.0 10.0 289.2 2.0 0
0.00 999. 1007. 10 ADJ-A1 NoSubs
17 9 14 257 7 -6.9 0.135 -9.000 -9.000 -999. 119. 32.0 0.0380 0.47 0.44 2.01 223.0 10.0 289.2 2.0 11
0.30 999. 1007. 10 ADJ-A1 NoSubs
17 9 14 257 8 8.0 0.221 0.420 0.006 332. 250. -121.4 0.0380 0.47 0.25 2.95 238.0 10.0 289.9 2.0 0
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0.00 999. 1008. 10 ADJ-A1 NoSubs
17 9 14 257 10 27.2 0.242 0.687 0.006 429. 285. -46.7 0.0290 0.47 0.18 3.24 243.0 10.0 292.0 2.0 0
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17 9 14 257 11 33.0 0.262 0.765 0.008 487. 322. -49.0 0.0380 0.47 0.17 3.35 226.0 10.0 292.5 2.0 0
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17 9 14 257 12 119.6 0.283 1.296 0.021 656. 360. -17.0 0.0230 0.47 0.17 3.69 205.0 10.0 293.8 2.0 0
0.00 62. 1008. 7 ADJ-A1 NoSubs
17 9 14 257 13 142.1 0.343 1.447 0.027 768. 483. -25.6 0.0380 0.47 0.17 4.20 213.0 10.0 293.1 2.0 0
0.00 64. 1008. 5 ADJ-A1 NoSubs
17 9 14 257 14 138.3 0.350 1.493 0.029 865. 498. -27.9 0.0230 0.47 0.17 4.75 208.0 10.0 293.8 2.0 0
0.00 60. 1008. 3 ADJ-A1 NoSubs
17 9 14 257 15 113.6 0.418 1.436 0.030 937. 648. -57.8 0.0380 0.47 0.18 5.39 219.0 10.0 293.1 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
17 9 14 257 16 81.3 0.392 1.294 0.030 958. 589. -66.4 0.0380 0.47 0.19 5.09 219.0 10.0 292.5 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
17 9 14 257 17 40.3 0.305 1.028 0.030 968. 409. -63.4 0.0230 0.47 0.24 4.34 207.0 10.0 291.4 2.0 0

0.00 75. 1007. 0 ADJ-A1 NoSubs
17 9 14 257 18 -4.3 0.226 -9.000 -9.000 -999. 261. 240.6 0.0340 0.47 0.41 3.30 130.0 10.0 290.9 2.0 0
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17 9 14 257 19 -15.6 0.167 -9.000 -9.000 -999. 165. 30.7 0.0330 0.47 1.00 2.57 44.0 10.0 289.9 2.0 0
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17 9 14 257 20 -8.3 0.120 -9.000 -9.000 -999. 100. 18.6 0.0310 0.47 1.00 1.91 13.0 10.0 289.2 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
17 9 14 257 21 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0330 0.47 1.00 1.42 319.0 10.0 288.1 2.0 0
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17 9 14 257 22 -8.0 0.118 -9.000 -9.000 -999. 97. 18.3 0.0330 0.47 1.00 1.86 308.0 10.0 287.0 2.0 0
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17 9 14 257 23 -8.2 0.119 -9.000 -9.000 -999. 98. 18.4 0.0330 0.47 1.00 1.88 309.0 10.0 285.9 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
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0.00 96. 1008. 0 ADJ-A1 NoSubs
17 9 15 258 1 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.47 1.00 1.72 311.0 10.0 285.4 2.0 0
0.00 96. 1008. 3 ADJ-A1 NoSubs
17 9 15 258 2 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0330 0.47 1.00 1.59 316.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 9 15 258 3 -4.8 0.091 -9.000 -9.000 -999. 66. 13.9 0.0330 0.47 1.00 1.45 311.0 10.0 285.4 2.0 0
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17 9 15 258 5 -8.5 0.121 -9.000 -9.000 -999. 101. 18.7 0.0330 0.47 1.00 1.91 311.0 10.0 284.2 2.0 0
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0.00 100. 1008. 3 ADJ-A1 NoSubs
17 9 15 258 7 -0.9 0.109 -9.000 -9.000 -999. 86. 122.9 0.0330 0.47 0.45 1.62 311.0 10.0 285.9 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
17 9 15 258 8 33.1 0.104 0.727 0.017 418. 80. -3.0 0.0330 0.47 0.25 1.03 51.0 10.0 288.1 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
17 9 15 258 9 77.6 0.147 0.986 0.016 445. 136. -3.7 0.0290 0.47 0.20 1.55 71.0 10.0 290.4 2.0 0
0.00 77. 1010. 5 ADJ-A1 NoSubs
17 9 15 258 10 110.1 0.173 1.138 0.015 481. 173. -4.3 0.0340 0.47 0.18 1.79 136.0 10.0 291.4 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
17 9 15 258 11 129.9 0.276 1.280 0.014 582. 348. -14.6 0.0370 0.47 0.17 3.23 172.0 10.0 292.5 2.0 0
0.00 65. 1009. 5 ADJ-A1 NoSubs
17 9 15 258 12 145.2 0.280 1.361 0.013 626. 356. -13.7 0.0230 0.47 0.17 3.59 196.0 10.0 293.8 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
17 9 15 258 13 145.8 0.345 1.394 0.011 670. 487. -25.4 0.0380 0.47 0.17 4.22 212.0 10.0 294.2 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
17 9 15 258 14 134.9 0.331 1.424 0.010 770. 457. -24.2 0.0380 0.47 0.17 4.03 212.0 10.0 294.2 2.0 0
0.00 48. 1008. 0 ADJ-A1 NoSubs
17 9 15 258 15 113.0 0.311 1.357 0.009 796. 416. -23.9 0.0370 0.47 0.18 3.80 179.0 10.0 294.2 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
17 9 15 258 16 80.6 0.234 1.222 0.009 814. 274. -14.3 0.0230 0.47 0.19 3.01 183.0 10.0 293.8 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
17 9 15 258 17 39.6 0.201 0.968 0.008 822. 216. -18.3 0.0340 0.47 0.25 2.44 139.0 10.0 293.1 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
17 9 15 258 18 -5.7 0.233 -9.000 -9.000 -999. 271. 200.3 0.0290 0.47 0.42 3.51 88.0 10.0 290.9 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
17 9 15 258 19 -27.0 0.277 -9.000 -9.000 -999. 351. 84.6 0.0290 0.47 1.00 4.26 85.0 10.0 289.2 2.0 0
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17 9 15 258 20 -25.7 0.263 -9.000 -9.000 -999. 324. 76.2 0.0290 0.47 1.00 4.05 75.0 10.0 288.8 2.0 0

0.00 92. 1008. 5 ADJ-A1 NoSubs
17 9 15 258 21 -20.7 0.212 -9.000 -9.000 -999. 235. 49.4 0.0290 0.47 1.00 3.29 71.0 10.0 288.8 2.0 0
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17 9 15 258 22 -8.9 0.125 -9.000 -9.000 -999. 108. 19.4 0.0330 0.47 1.00 1.96 49.0 10.0 288.1 2.0 0
0.00 93. 1008. 0 ADJ-A1 NoSubs
17 9 15 258 23 -5.4 0.096 -9.000 -9.000 -999. 71. 14.7 0.0310 0.47 1.00 1.55 17.0 10.0 287.5 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
17 9 15 258 24 -5.0 0.093 -9.000 -9.000 -999. 68. 14.5 0.0380 0.47 1.00 1.45 353.0 10.0 287.0 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
17 9 16 259 1 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.47 1.00 1.43 330.0 10.0 285.9 2.0 0
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17 9 16 259 2 -8.3 0.120 -9.000 -9.000 -999. 99. 18.5 0.0330 0.47 1.00 1.89 308.0 10.0 285.4 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
17 9 16 259 3 -8.5 0.121 -9.000 -9.000 -999. 101. 18.8 0.0330 0.47 1.00 1.91 302.0 10.0 285.4 2.0 0
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17 9 16 259 4 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.25 318.0 10.0 284.2 2.0 0
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17 9 16 259 5 -4.5 0.088 -9.000 -9.000 -999. 62. 13.4 0.0330 0.47 1.00 1.40 317.0 10.0 283.8 2.0 0
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0.00 100. 1008. 10 ADJ-A1 NoSubs
17 9 16 259 7 -2.2 0.069 -9.000 -9.000 -999. 43. 13.4 0.0310 0.47 0.45 1.11 7.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 9 16 259 8 7.0 0.099 0.370 0.021 259. 74. -12.3 0.0310 0.47 0.26 1.18 24.0 10.0 287.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 9 16 259 9 17.5 0.092 0.601 0.022 446. 67. -4.1 0.0260 0.47 0.20 1.01 284.0 10.0 287.5 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 16 259 10 107.6 0.154 1.120 0.021 470. 145. -3.1 0.0380 0.47 0.18 1.48 214.0 10.0 290.4 2.0 0
0.00 80. 1009. 5 ADJ-A1 NoSubs
17 9 16 259 11 133.0 0.247 1.219 0.018 490. 294. -10.1 0.0370 0.47 0.17 2.78 168.0 10.0 294.2 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
17 9 16 259 12 144.3 0.362 1.268 0.015 509. 523. -29.6 0.0380 0.47 0.17 4.48 213.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
17 9 16 259 13 144.4 0.328 1.296 0.014 542. 453. -22.1 0.0380 0.47 0.17 3.97 230.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
17 9 16 259 14 133.7 0.329 1.276 0.013 559. 453. -23.9 0.0380 0.47 0.17 4.00 220.0 10.0 293.1 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
17 9 16 259 15 111.4 0.338 1.210 0.011 572. 471. -31.0 0.0380 0.47 0.18 4.19 234.0 10.0 292.5 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
17 9 16 259 16 78.8 0.297 1.084 0.010 580. 390. -29.9 0.0380 0.47 0.20 3.68 226.0 10.0 291.4 2.0 0
0.00 75. 1007. 0 ADJ-A1 NoSubs
17 9 16 259 17 37.7 0.243 0.849 0.010 584. 289. -34.2 0.0230 0.47 0.25 3.34 208.0 10.0 290.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
17 9 16 259 18 -6.4 0.202 -9.000 -9.000 -999. 219. 117.0 0.0230 0.47 0.43 3.20 201.0 10.0 289.2 2.0 0
0.00 93. 1007. 0 ADJ-A1 NoSubs
17 9 16 259 19 -10.6 0.134 -9.000 -9.000 -999. 119. 20.6 0.0230 0.47 1.00 2.23 183.0 10.0 288.1 2.0 0
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17 9 16 259 20 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0340 0.47 1.00 1.84 144.0 10.0 288.8 2.0 0
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17 9 16 259 21 -7.2 0.111 -9.000 -9.000 -999. 89. 17.1 0.0300 0.47 1.00 1.79 90.0 10.0 289.2 2.0 0
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17 9 16 259 22 -6.8 0.108 -9.000 -9.000 -999. 85. 16.5 0.0300 0.47 1.00 1.74 101.0 10.0 288.8 2.0 0
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17 9 16 259 23 -8.0 0.118 -9.000 -9.000 -999. 97. 18.3 0.0330 0.47 1.00 1.86 52.0 10.0 288.8 2.0 0

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17 9 16 259 24 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0330 0.47 1.00 1.54 56.0 10.0 287.5 2.0 0
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17 9 17 260 1 -7.8 0.116 -9.000 -9.000 -999. 95. 18.0 0.0330 0.47 1.00 1.84 59.0 10.0 287.5 2.0 0
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17 9 17 260 2 -3.0 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.47 1.00 1.13 302.0 10.0 287.0 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
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17 9 17 260 4 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0330 0.47 1.00 1.18 54.0 10.0 286.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 9 17 260 5 -4.9 0.092 -9.000 -9.000 -999. 67. 14.0 0.0310 0.47 1.00 1.48 26.0 10.0 287.0 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 9 17 260 6 -6.0 0.102 -9.000 -9.000 -999. 78. 15.9 0.0380 0.47 1.00 1.59 332.0 10.0 286.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 9 17 260 7 -3.6 0.088 -9.000 -9.000 -999. 63. 17.3 0.0330 0.47 0.45 1.40 325.0 10.0 287.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 9 17 260 8 6.9 0.118 0.377 0.027 280. 98. -21.7 0.0380 0.47 0.26 1.43 357.0 10.0 287.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 9 17 260 9 17.4 0.123 0.560 0.027 362. 103. -9.6 0.0380 0.47 0.20 1.37 346.0 10.0 288.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 17 260 10 25.9 0.123 0.669 0.027 416. 104. -6.5 0.0260 0.47 0.18 1.43 290.0 10.0 289.2 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
17 9 17 260 11 131.8 0.156 1.207 0.026 481. 148. -2.6 0.0330 0.47 0.17 1.51 53.0 10.0 292.5 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
17 9 17 260 12 143.5 0.289 1.255 0.023 496. 374. -15.2 0.0230 0.47 0.17 3.74 184.0 10.0 293.1 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 9 17 260 13 143.9 0.326 1.267 0.021 509. 446. -21.6 0.0380 0.47 0.17 3.93 215.0 10.0 293.8 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
17 9 17 260 14 133.1 0.332 1.244 0.019 521. 459. -24.7 0.0230 0.47 0.17 4.46 206.0 10.0 294.2 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
17 9 17 260 15 110.9 0.306 1.179 0.018 532. 407. -23.3 0.0230 0.47 0.18 4.10 203.0 10.0 294.2 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
17 9 17 260 16 77.9 0.296 1.054 0.017 541. 386. -29.9 0.0370 0.47 0.20 3.68 169.0 10.0 292.0 2.0 0
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17 9 17 260 17 36.8 0.258 0.823 0.016 545. 315. -42.0 0.0340 0.47 0.25 3.34 133.0 10.0 291.4 2.0 0
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17 9 17 260 20 -11.2 0.140 -9.000 -9.000 -999. 126. 22.1 0.0330 0.47 1.00 2.18 43.0 10.0 288.8 2.0 0
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17 9 17 260 21 -8.4 0.122 -9.000 -9.000 -999. 102. 19.1 0.0380 0.47 1.00 1.87 353.0 10.0 287.5 2.0 0
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17 9 17 260 22 -8.5 0.121 -9.000 -9.000 -999. 101. 18.8 0.0330 0.47 1.00 1.91 327.0 10.0 287.0 2.0 0
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0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 17 260 24 -6.4 0.105 -9.000 -9.000 -999. 81. 16.1 0.0330 0.47 1.00 1.67 313.0 10.0 287.0 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 18 261 1 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0330 0.47 1.00 1.45 318.0 10.0 288.1 2.0 0
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17 9 18 261 2 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.47 1.00 1.03 349.0 10.0 288.1 2.0 0

0.00 96. 1009. 10 ADJ-A1 NoSubs
17 9 18 261 3 -4.1 0.084 -9.000 -9.000 -999. 58. 13.2 0.0380 0.47 1.00 1.30 347.0 10.0 288.1 2.0 0
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17 9 18 261 4 -5.7 0.098 -9.000 -9.000 -999. 74. 15.1 0.0310 0.47 1.00 1.59 2.0 10.0 288.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 9 18 261 5 -7.2 0.112 -9.000 -9.000 -999. 89. 17.3 0.0330 0.47 1.00 1.77 33.0 10.0 288.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 9 18 261 6 -6.1 0.102 -9.000 -9.000 -999. 78. 15.6 0.0310 0.47 1.00 1.64 2.0 10.0 288.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 18 261 7 -5.0 0.105 -9.000 -9.000 -999. 82. 21.1 0.0330 0.47 0.46 1.65 304.0 10.0 288.1 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
17 9 18 261 8 7.4 0.109 0.329 0.007 174. 86. -15.6 0.0330 0.47 0.26 1.31 309.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
17 9 18 261 9 18.0 0.113 0.524 0.011 288. 91. -7.2 0.0340 0.47 0.20 1.25 144.0 10.0 290.9 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
17 9 18 261 10 26.8 0.154 0.670 0.014 404. 146. -12.4 0.0340 0.47 0.18 1.81 131.0 10.0 293.1 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
17 9 18 261 11 128.6 0.224 1.225 0.014 515. 255. -7.9 0.0230 0.47 0.17 2.72 190.0 10.0 294.9 2.0 0
0.00 70. 1010. 5 ADJ-A1 NoSubs
17 9 18 261 12 146.2 0.324 1.355 0.014 614. 444. -21.0 0.0230 0.47 0.17 4.31 195.0 10.0 295.9 2.0 0
0.00 65. 1010. 3 ADJ-A1 NoSubs
17 9 18 261 13 117.7 0.409 1.304 0.012 680. 627. -52.2 0.0380 0.47 0.17 5.24 226.0 10.0 294.9 2.0 0
0.00 75. 1009. 7 ADJ-A1 NoSubs
17 9 18 261 14 109.0 0.291 1.294 0.011 716. 385. -20.3 0.0230 0.47 0.17 3.85 194.0 10.0 294.9 2.0 0
0.00 78. 1009. 7 ADJ-A1 NoSubs
17 9 18 261 15 110.5 0.257 1.322 0.010 752. 314. -13.9 0.0340 0.47 0.18 3.05 129.0 10.0 295.9 2.0 0
0.00 73. 1008. 0 ADJ-A1 NoSubs
17 9 18 261 16 77.8 0.267 1.188 0.010 775. 332. -22.1 0.0300 0.47 0.20 3.39 115.0 10.0 295.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
17 9 18 261 17 36.6 0.243 0.929 0.010 786. 288. -35.3 0.0330 0.47 0.25 3.13 58.0 10.0 294.9 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
17 9 18 261 18 -5.0 0.138 -9.000 -9.000 -999. 128. 47.3 0.0310 0.47 0.45 2.11 19.0 10.0 293.8 2.0 0
0.00 78. 1008. 0 ADJ-A1 NoSubs
17 9 18 261 19 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0310 0.47 1.00 1.59 10.0 10.0 292.5 2.0 0
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17 9 18 261 20 -16.9 0.174 -9.000 -9.000 -999. 174. 33.3 0.0290 0.47 1.00 2.73 260.0 10.0 289.9 2.0 0
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17 9 18 261 21 -11.4 0.141 -9.000 -9.000 -999. 127. 21.9 0.0260 0.47 1.00 2.28 281.0 10.0 289.9 2.0 0
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17 9 18 261 22 -10.1 0.132 -9.000 -9.000 -999. 115. 20.3 0.0260 0.47 1.00 2.15 288.0 10.0 288.1 2.0 0
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17 9 18 261 23 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0380 0.47 1.00 1.62 332.0 10.0 287.5 2.0 0
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17 9 19 262 3 -10.7 0.136 -9.000 -9.000 -999. 121. 21.3 0.0330 0.47 1.00 2.13 313.0 10.0 284.2 2.0 0
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17 9 19 262 4 -13.4 0.153 -9.000 -9.000 -999. 144. 25.7 0.0330 0.47 1.00 2.37 310.0 10.0 283.8 2.0 0
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17 9 19 262 5 -11.3 0.140 -9.000 -9.000 -999. 125. 21.8 0.0330 0.47 1.00 2.18 315.0 10.0 283.1 2.0 0

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17 9 19 262 6 -14.3 0.158 -9.000 -9.000 -999. 150. 27.4 0.0330 0.47 1.00 2.44 309.0 10.0 283.1 2.0 0
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0.00 86. 1011. 0 ADJ-A1 NoSubs
17 9 19 262 8 32.7 0.133 0.721 0.007 413. 117. -6.6 0.0330 0.47 0.26 1.47 33.0 10.0 288.8 2.0 0
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17 9 19 262 11 130.6 0.322 1.449 0.009 841. 439. -23.1 0.0230 0.47 0.17 4.31 193.0 10.0 293.8 2.0 0
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0.00 47. 1011. 0 ADJ-A1 NoSubs
17 9 19 262 13 142.9 0.323 1.526 0.006 897. 440. -21.2 0.0230 0.47 0.17 4.29 199.0 10.0 295.9 2.0 0
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17 9 19 262 14 131.9 0.330 1.511 0.005 942. 456. -24.6 0.0230 0.47 0.17 4.44 197.0 10.0 296.4 2.0 0
0.00 42. 1009. 0 ADJ-A1 NoSubs
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17 9 19 262 17 36.0 0.172 1.035 0.007 1108. 175. -12.8 0.0370 0.47 0.26 1.99 158.0 10.0 296.4 2.0 0
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17 9 19 262 18 -4.4 0.113 -9.000 -9.000 -999. 92. 28.9 0.0340 0.47 0.46 1.72 121.0 10.0 294.9 2.0 0
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17 9 19 262 19 -13.7 0.156 -9.000 -9.000 -999. 148. 26.8 0.0300 0.47 1.00 2.45 102.0 10.0 292.5 2.0 0
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17 9 19 262 20 -18.4 0.189 -9.000 -9.000 -999. 197. 39.2 0.0290 0.47 1.00 2.95 64.0 10.0 290.4 2.0 0
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17 9 19 262 21 -3.1 0.075 -9.000 -9.000 -999. 59. 12.1 0.0380 0.47 1.00 1.13 351.0 10.0 289.2 2.0 0
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17 9 19 262 22 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0380 0.47 1.00 0.94 331.0 10.0 288.1 2.0 0
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17 9 19 262 23 -5.7 0.100 -9.000 -9.000 -999. 75. 15.5 0.0380 0.47 1.00 1.55 333.0 10.0 287.0 2.0 0
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17 9 19 262 24 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.47 1.00 1.54 338.0 10.0 286.4 2.0 0
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17 9 20 263 1 -11.3 0.140 -9.000 -9.000 -999. 126. 22.0 0.0330 0.47 1.00 2.19 322.0 10.0 285.4 2.0 0
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17 9 20 263 5 -14.2 0.158 -9.000 -9.000 -999. 151. 27.4 0.0330 0.47 1.00 2.44 318.0 10.0 284.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
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0.00 96. 1010. 0 ADJ-A1 NoSubs
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0.00 86. 1010. 0 ADJ-A1 NoSubs
17 9 20 263 8 32.3 0.103 0.592 0.005 231. 79. -3.0 0.0370 0.47 0.26 0.99 155.0 10.0 289.9 2.0 0

0.00 72. 1009. 0 ADJ-A1 NoSubs
17 9 20 263 9 74.0 0.154 0.993 0.005 477. 145. -4.5 0.0300 0.47 0.20 1.65 113.0 10.0 291.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 9 20 263 10 107.2 0.170 1.274 0.007 695. 168. -4.1 0.0340 0.47 0.18 1.74 142.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
17 9 20 263 11 130.4 0.258 1.473 0.008 883. 315. -11.9 0.0370 0.47 0.17 2.96 162.0 10.0 295.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
17 9 20 263 12 141.8 0.362 1.586 0.009 1012. 523. -30.1 0.0380 0.47 0.17 4.48 210.0 10.0 295.4 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
17 9 20 263 13 137.3 0.410 1.584 0.009 1041. 629. -45.0 0.0380 0.47 0.17 5.21 226.0 10.0 293.1 2.0 0
0.00 81. 1008. 5 ADJ-A1 NoSubs
17 9 20 263 14 107.2 0.400 1.470 0.008 1064. 608. -53.7 0.0380 0.47 0.17 5.14 222.0 10.0 293.8 2.0 0
0.00 78. 1007. 7 ADJ-A1 NoSubs
17 9 20 263 15 89.4 0.371 1.391 0.008 1082. 543. -51.2 0.0380 0.47 0.18 4.75 228.0 10.0 292.5 2.0 0
0.00 80. 1006. 7 ADJ-A1 NoSubs
17 9 20 263 16 18.7 0.266 0.828 0.008 1087. 336. -90.5 0.0380 0.47 0.20 3.51 238.0 10.0 294.2 2.0 0
0.00 72. 1006. 10 ADJ-A1 NoSubs
17 9 20 263 17 32.1 0.399 0.993 0.008 1092. 604. -177.1 0.0290 0.47 0.26 5.65 244.0 10.0 292.5 2.0 0
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17 9 20 263 19 -22.9 0.237 -9.000 -9.000 -999. 284. 61.7 0.0290 0.47 1.00 3.66 249.0 10.0 290.9 2.0 0
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17 9 20 263 21 -19.5 0.201 -9.000 -9.000 -999. 216. 44.3 0.0380 0.47 1.00 2.98 234.0 10.0 290.4 2.0 0
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17 9 21 264 6 -9.5 0.128 -9.000 -9.000 -999. 110. 19.8 0.0330 0.47 1.00 2.01 327.0 10.0 283.1 2.0 0
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17 9 21 264 7 -7.4 0.131 -9.000 -9.000 -999. 113. 27.3 0.0330 0.47 0.47 2.01 317.0 10.0 284.2 2.0 0
0.00 82. 1007. 0 ADJ-A1 NoSubs
17 9 21 264 8 31.5 0.138 0.715 0.005 415. 123. -7.4 0.0330 0.47 0.26 1.54 307.0 10.0 289.2 2.0 0
0.00 61. 1007. 0 ADJ-A1 NoSubs
17 9 21 264 9 73.1 0.293 1.122 0.005 695. 380. -30.9 0.0290 0.47 0.20 3.83 250.0 10.0 290.9 2.0 0
0.00 53. 1008. 0 ADJ-A1 NoSubs
17 9 21 264 10 109.5 0.407 1.313 0.005 742. 624. -55.4 0.0380 0.47 0.18 5.24 223.0 10.0 293.1 2.0 0
0.00 43. 1007. 3 ADJ-A1 NoSubs
17 9 21 264 11 129.1 0.470 1.458 0.005 864. 773. -72.2 0.0380 0.47 0.17 6.13 212.0 10.0 293.8 2.0 0

0.00 46. 1007. 0 ADJ-A1 NoSubs
17 9 21 264 12 140.6 0.570 1.623 0.005 1094. 1032. -118.2 0.0380 0.47 0.17 7.59 223.0 10.0 294.2 2.0
0 0.00 45. 1007. 0 ADJ-A1 NoSubs
17 9 21 264 13 140.6 0.542 1.678 0.005 1209. 960. -101.8 0.0380 0.47 0.17 7.18 225.0 10.0 294.2 2.0
0 0.00 46. 1007. 0 ADJ-A1 NoSubs
17 9 21 264 14 129.1 0.622 1.674 0.005 1306. 1174. -167.0 0.0380 0.47 0.17 8.37 230.0 10.0 293.8 2.0
0 0.00 48. 1006. 0 ADJ-A1 NoSubs
17 9 21 264 15 106.2 0.629 1.599 0.005 1382. 1196. -210.0 0.0380 0.47 0.18 8.52 233.0 10.0 292.5 2.0
0 0.00 54. 1006. 0 ADJ-A1 NoSubs
17 9 21 264 16 73.3 0.599 1.432 0.005 1439. 1114. -262.4 0.0380 0.47 0.20 8.15 234.0 10.0 292.0 2.0
0 0.00 51. 1006. 0 ADJ-A1 NoSubs
17 9 21 264 17 32.2 0.373 1.092 0.005 1455. 598. -145.3 0.0290 0.47 0.26 5.26 258.0 10.0 292.0 2.0 0
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17 9 21 264 22 -11.7 0.143 -9.000 -9.000 -999. 130. 22.6 0.0330 0.47 1.00 2.23 313.0 10.0 284.9 2.0 0
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0.00 66. 1008. 0 ADJ-A1 NoSubs
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17 9 22 265 11 128.2 0.180 1.344 0.006 681. 184. -4.1 0.0340 0.47 0.17 1.85 129.0 10.0 293.1 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
17 9 22 265 12 139.3 0.321 1.441 0.006 773. 437. -21.3 0.0230 0.47 0.17 4.27 207.0 10.0 292.5 2.0 0
0.00 51. 1007. 0 ADJ-A1 NoSubs
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0.00 52. 1006. 0 ADJ-A1 NoSubs
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0.00 56. 1006. 0 ADJ-A1 NoSubs
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0.00 58. 1006. 0 ADJ-A1 NoSubs
17 9 22 265 18 -8.3 0.144 -9.000 -9.000 -999. 144. 32.3 0.0380 0.47 0.48 2.15 235.0 10.0 289.9 2.0 0
0.00 66. 1006. 0 ADJ-A1 NoSubs
17 9 22 265 19 -11.4 0.141 -9.000 -9.000 -999. 127. 22.1 0.0290 0.47 1.00 2.25 81.0 10.0 288.8 2.0 0
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17 9 22 265 20 -18.5 0.189 -9.000 -9.000 -999. 197. 39.2 0.0290 0.47 1.00 2.95 71.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
17 9 22 265 21 -9.4 0.128 -9.000 -9.000 -999. 111. 20.0 0.0330 0.47 1.00 2.01 30.0 10.0 286.4 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
17 9 22 265 22 -9.3 0.128 -9.000 -9.000 -999. 110. 20.1 0.0380 0.47 1.00 1.96 354.0 10.0 285.4 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
17 9 22 265 23 -10.0 0.131 -9.000 -9.000 -999. 114. 20.5 0.0330 0.47 1.00 2.06 322.0 10.0 284.2 2.0 0
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17 9 22 265 24 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0330 0.47 1.00 1.96 313.0 10.0 283.8 2.0 0
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17 9 23 266 3 -14.6 0.160 -9.000 -9.000 -999. 153. 28.1 0.0330 0.47 1.00 2.47 311.0 10.0 283.1 2.0 0
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0.00 92. 1006. 0 ADJ-A1 NoSubs
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0.00 96. 1007. 0 ADJ-A1 NoSubs
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0.00 89. 1007. 0 ADJ-A1 NoSubs
17 9 23 266 8 29.6 0.087 0.468 0.011 124. 62. -2.0 0.0230 0.47 0.27 0.89 185.0 10.0 286.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
17 9 23 266 9 71.2 0.123 0.828 0.010 287. 103. -2.3 0.0340 0.47 0.20 1.16 131.0 10.0 288.8 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
17 9 23 266 10 104.7 0.167 1.028 0.008 372. 164. -4.0 0.0340 0.47 0.18 1.71 135.0 10.0 292.0 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
17 9 23 266 11 127.7 0.242 1.165 0.005 445. 286. -10.0 0.0370 0.47 0.18 2.73 176.0 10.0 294.2 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
17 9 23 266 12 139.3 0.297 1.284 0.005 547. 389. -16.9 0.0230 0.47 0.17 3.88 207.0 10.0 295.4 2.0 0
0.00 40. 1007. 0 ADJ-A1 NoSubs
17 9 23 266 13 139.4 0.385 1.444 0.005 777. 573. -36.7 0.0380 0.47 0.17 4.83 210.0 10.0 295.9 2.0 0
0.00 32. 1007. 0 ADJ-A1 NoSubs
17 9 23 266 14 127.5 0.338 1.498 0.005 947. 473. -27.1 0.0380 0.47 0.18 4.15 216.0 10.0 294.9 2.0 0
0.00 46. 1006. 0 ADJ-A1 NoSubs
17 9 23 266 15 104.8 0.289 1.461 0.005 1068. 374. -20.6 0.0230 0.47 0.18 3.83 188.0 10.0 294.9 2.0 0
0.00 43. 1006. 0 ADJ-A1 NoSubs
17 9 23 266 16 72.4 0.205 1.324 0.005 1150. 226. -10.7 0.0340 0.47 0.20 2.37 135.0 10.0 296.4 2.0 0
0.00 35. 1006. 0 ADJ-A1 NoSubs
17 9 23 266 17 31.2 0.198 1.009 0.005 1182. 211. -22.3 0.0340 0.47 0.27 2.45 143.0 10.0 296.4 2.0 0

0.00 26. 1006. 0 ADJ-A1 NoSubs
17 9 23 266 18 -10.7 0.184 -9.000 -9.000 -999. 190. 52.3 0.0300 0.47 0.49 2.83 91.0 10.0 293.8 2.0 0
0.00 44. 1006. 0 ADJ-A1 NoSubs
17 9 23 266 19 -4.0 0.083 -9.000 -9.000 -999. 63. 12.8 0.0310 0.47 1.00 1.33 10.0 10.0 290.9 2.0 0
0.00 57. 1006. 0 ADJ-A1 NoSubs
17 9 23 266 20 -6.0 0.102 -9.000 -9.000 -999. 78. 15.9 0.0380 0.47 1.00 1.59 344.0 10.0 288.8 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
17 9 23 266 21 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.47 1.00 1.28 321.0 10.0 287.0 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
17 9 23 266 22 -10.4 0.135 -9.000 -9.000 -999. 119. 21.1 0.0330 0.47 1.00 2.11 308.0 10.0 286.4 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
17 9 23 266 23 -16.0 0.168 -9.000 -9.000 -999. 166. 31.2 0.0330 0.47 1.00 2.59 323.0 10.0 284.9 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
17 9 23 266 24 -14.8 0.161 -9.000 -9.000 -999. 156. 28.6 0.0330 0.47 1.00 2.49 319.0 10.0 284.2 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 1 -13.6 0.154 -9.000 -9.000 -999. 146. 26.2 0.0330 0.47 1.00 2.39 312.0 10.0 284.2 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 2 -16.3 0.170 -9.000 -9.000 -999. 168. 31.7 0.0330 0.47 1.00 2.61 312.0 10.0 283.8 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 3 -11.4 0.141 -9.000 -9.000 -999. 127. 22.0 0.0330 0.47 1.00 2.20 318.0 10.0 283.1 2.0 0
0.00 73. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 4 -10.2 0.133 -9.000 -9.000 -999. 116. 20.6 0.0330 0.47 1.00 2.08 308.0 10.0 283.1 2.0 0
0.00 70. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 5 -8.4 0.120 -9.000 -9.000 -999. 99. 18.4 0.0330 0.47 1.00 1.89 308.0 10.0 282.0 2.0 0
0.00 73. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 6 -3.1 0.074 -9.000 -9.000 -999. 48. 11.4 0.0260 0.47 1.00 1.18 294.0 10.0 280.9 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 7 -3.1 0.081 -9.000 -9.000 -999. 56. 15.6 0.0330 0.47 0.49 1.30 316.0 10.0 284.2 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 8 29.1 0.094 0.428 0.015 97. 70. -2.6 0.0260 0.47 0.27 0.97 281.0 10.0 287.5 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
17 9 24 267 9 71.0 0.150 0.805 0.013 265. 140. -4.3 0.0340 0.47 0.20 1.55 120.0 10.0 290.9 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
17 9 24 267 10 104.8 0.179 0.961 0.010 305. 182. -4.9 0.0300 0.47 0.18 1.94 115.0 10.0 294.9 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
17 9 24 267 11 128.1 0.208 1.089 0.007 362. 228. -6.3 0.0370 0.47 0.18 2.22 161.0 10.0 297.5 2.0 0
0.00 21. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 12 139.7 0.293 1.173 0.005 416. 381. -16.2 0.0230 0.47 0.17 3.81 196.0 10.0 298.8 2.0 0
0.00 20. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 13 139.0 0.359 1.314 0.005 588. 516. -29.9 0.0380 0.47 0.17 4.44 229.0 10.0 297.5 2.0 0
0.00 24. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 14 127.4 0.319 1.499 0.005 950. 432. -22.8 0.0380 0.47 0.18 3.86 219.0 10.0 297.5 2.0 0
0.00 30. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 15 104.5 0.237 1.441 0.005 1028. 280. -11.4 0.0230 0.47 0.18 2.98 185.0 10.0 297.0 2.0 0
0.00 43. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 16 70.9 0.236 1.285 0.005 1075. 276. -16.7 0.0230 0.47 0.20 3.08 190.0 10.0 295.4 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 17 29.3 0.187 0.962 0.005 1093. 194. -20.0 0.0370 0.47 0.27 2.25 152.0 10.0 294.2 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 18 -7.0 0.124 -9.000 -9.000 -999. 106. 24.5 0.0340 0.47 0.50 1.91 130.0 10.0 292.0 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 19 -5.6 0.097 -9.000 -9.000 -999. 73. 14.6 0.0230 0.47 1.00 1.65 209.0 10.0 289.9 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
17 9 24 267 20 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0290 0.47 1.00 1.25 255.0 10.0 289.2 2.0 0

0.00 74. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 21 -6.8 0.108 -9.000 -9.000 -999. 85. 16.7 0.0330 0.47 1.00 1.72 316.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 22 -12.3 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.47 1.00 2.28 312.0 10.0 287.0 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 23 -12.9 0.150 -9.000 -9.000 -999. 140. 24.8 0.0330 0.47 1.00 2.33 321.0 10.0 285.4 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
17 9 24 267 24 -10.9 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.47 1.00 2.15 312.0 10.0 285.9 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 1 -9.8 0.131 -9.000 -9.000 -999. 113. 20.4 0.0330 0.47 1.00 2.05 314.0 10.0 285.4 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 2 -9.9 0.131 -9.000 -9.000 -999. 113. 20.4 0.0330 0.47 1.00 2.05 317.0 10.0 284.9 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 3 -14.3 0.159 -9.000 -9.000 -999. 152. 27.7 0.0330 0.47 1.00 2.45 305.0 10.0 285.4 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 4 -9.3 0.126 -9.000 -9.000 -999. 107. 19.1 0.0260 0.47 1.00 2.06 296.0 10.0 282.5 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 5 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.47 1.00 1.69 327.0 10.0 283.8 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 6 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0330 0.47 1.00 1.60 325.0 10.0 284.2 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 7 -1.8 0.062 -9.000 -9.000 -999. 37. 12.1 0.0330 0.47 0.49 0.97 323.0 10.0 285.9 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 8 28.7 0.093 0.435 0.018 103. 68. -2.5 0.0370 0.47 0.27 0.87 151.0 10.0 288.8 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
17 9 25 268 9 70.9 0.128 0.740 0.014 205. 109. -2.6 0.0340 0.47 0.20 1.23 135.0 10.0 293.1 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 10 104.5 0.169 0.961 0.011 305. 167. -4.2 0.0340 0.47 0.18 1.74 131.0 10.0 295.9 2.0 0
0.00 28. 1008. 0 ADJ-A1 NoSubs
17 9 25 268 11 127.8 0.178 1.102 0.008 376. 180. -4.0 0.0340 0.47 0.18 1.82 120.0 10.0 298.8 2.0 0
0.00 25. 1007. 0 ADJ-A1 NoSubs
17 9 25 268 12 139.5 0.248 1.180 0.005 423. 297. -9.9 0.0230 0.47 0.17 3.08 181.0 10.0 300.4 2.0 0
0.00 20. 1007. 0 ADJ-A1 NoSubs
17 9 25 268 13 138.8 0.351 1.217 0.005 466. 499. -28.0 0.0290 0.47 0.17 4.56 243.0 10.0 299.2 2.0 0
0.00 24. 1006. 0 ADJ-A1 NoSubs
17 9 25 268 14 126.6 0.328 1.410 0.005 795. 451. -24.9 0.0290 0.47 0.18 4.22 240.0 10.0 298.1 2.0 0
0.00 28. 1006. 0 ADJ-A1 NoSubs
17 9 25 268 15 103.8 0.211 1.411 0.005 970. 239. -8.1 0.0290 0.47 0.18 2.44 250.0 10.0 298.1 2.0 0
0.00 35. 1005. 0 ADJ-A1 NoSubs
17 9 25 268 16 69.7 0.247 1.272 0.005 1059. 294. -19.3 0.0370 0.47 0.20 2.96 161.0 10.0 295.4 2.0 0
0.00 58. 1005. 0 ADJ-A1 NoSubs
17 9 25 268 17 27.5 0.244 0.941 0.005 1085. 289. -47.3 0.0370 0.47 0.28 3.13 161.0 10.0 292.5 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
17 9 25 268 18 -11.6 0.171 -9.000 -9.000 -999. 171. 38.8 0.0370 0.47 0.51 2.55 166.0 10.0 290.9 2.0 0
0.00 74. 1005. 0 ADJ-A1 NoSubs
17 9 25 268 19 -8.4 0.120 -9.000 -9.000 -999. 101. 18.7 0.0300 0.47 1.00 1.93 112.0 10.0 290.4 2.0 0
0.00 80. 1005. 0 ADJ-A1 NoSubs
17 9 25 268 20 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0290 0.47 1.00 1.23 258.0 10.0 289.9 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
17 9 25 268 21 -8.2 0.119 -9.000 -9.000 -999. 99. 18.5 0.0330 0.47 1.00 1.88 313.0 10.0 288.1 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
17 9 25 268 22 -11.9 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.47 1.00 2.25 314.0 10.0 287.5 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
17 9 25 268 23 -13.0 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.47 1.00 2.35 321.0 10.0 287.0 2.0 0

0.00 83. 1005. 0 ADJ-A1 NoSubs
17 9 25 268 24 -18.8 0.193 -9.000 -9.000 -999. 203. 40.8 0.0330 0.47 1.00 2.94 306.0 10.0 287.5 2.0 0
0.00 66. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 1 -10.4 0.135 -9.000 -9.000 -999. 120. 21.2 0.0330 0.47 1.00 2.11 310.0 10.0 287.0 2.0 0
0.00 66. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 2 -16.8 0.173 -9.000 -9.000 -999. 173. 33.0 0.0330 0.47 1.00 2.66 314.0 10.0 287.0 2.0 0
0.00 63. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 3 -7.1 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.47 1.00 1.76 321.0 10.0 285.9 2.0 0
0.00 68. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 4 -13.3 0.153 -9.000 -9.000 -999. 144. 25.8 0.0330 0.47 1.00 2.37 305.0 10.0 285.9 2.0 0
0.00 68. 1004. 0 ADJ-A1 NoSubs
17 9 26 269 5 -11.4 0.141 -9.000 -9.000 -999. 127. 22.1 0.0330 0.47 1.00 2.20 317.0 10.0 284.9 2.0 0
0.00 73. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 6 -7.1 0.111 -9.000 -9.000 -999. 89. 17.0 0.0330 0.47 1.00 1.76 312.0 10.0 284.9 2.0 0
0.00 73. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 7 -5.0 0.103 -9.000 -9.000 -999. 79. 19.6 0.0330 0.47 0.50 1.62 321.0 10.0 286.4 2.0 0
0.00 64. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 8 28.6 0.106 0.409 0.017 85. 83. -3.7 0.0330 0.47 0.27 1.08 305.0 10.0 290.9 2.0 0
0.00 47. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 9 70.4 0.169 0.671 0.012 154. 167. -6.2 0.0300 0.47 0.20 1.89 102.0 10.0 293.8 2.0 0
0.00 38. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 10 104.1 0.152 0.872 0.008 228. 143. -3.0 0.0340 0.47 0.18 1.50 137.0 10.0 297.0 2.0 0
0.00 31. 1005. 0 ADJ-A1 NoSubs
17 9 26 269 11 128.1 0.159 1.103 0.006 375. 152. -2.8 0.0340 0.47 0.18 1.55 133.0 10.0 301.4 2.0 0
0.00 20. 1004. 0 ADJ-A1 NoSubs
17 9 26 269 12 139.9 0.237 1.264 0.005 517. 276. -8.5 0.0230 0.47 0.17 2.89 201.0 10.0 303.1 2.0 0
0.00 20. 1004. 0 ADJ-A1 Sub_CC
17 9 26 269 13 139.3 0.313 1.436 0.006 761. 421. -19.8 0.0380 0.47 0.17 3.75 233.0 10.0 302.5 2.0 0
0.00 21. 1003. 0 ADJ-A1 NoSubs
17 9 26 269 14 127.5 0.302 1.460 0.006 874. 398. -19.3 0.0290 0.47 0.18 3.81 246.0 10.0 302.5 2.0 0
0.00 21. 1002. 0 ADJ-A1 NoSubs
17 9 26 269 15 104.9 0.348 1.411 0.005 959. 493. -36.0 0.0290 0.47 0.18 4.60 250.0 10.0 303.1 2.0 0
0.00 19. 1002. 0 ADJ-A1 NoSubs
17 9 26 269 16 71.7 0.327 1.266 0.005 1011. 449. -43.6 0.0380 0.47 0.21 4.15 237.0 10.0 303.1 2.0 0
0.00 20. 1002. 0 ADJ-A1 NoSubs
17 9 26 269 17 27.8 0.228 0.925 0.005 1017. 266. -37.9 0.0230 0.47 0.28 3.15 201.0 10.0 297.0 2.0 0
0.00 50. 1002. 0 ADJ-A1 NoSubs
17 9 26 269 18 -18.4 0.260 -9.000 -9.000 -999. 318. 85.4 0.0370 0.47 0.52 3.81 158.0 10.0 290.9 2.0 0
0.00 83. 1003. 0 ADJ-A1 NoSubs
17 9 26 269 19 -5.3 0.096 -9.000 -9.000 -999. 99. 15.0 0.0380 0.47 1.00 1.50 237.0 10.0 290.4 2.0 0
0.00 86. 1004. 0 ADJ-A1 NoSubs
17 9 26 269 20 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0230 0.47 1.00 1.52 206.0 10.0 289.9 2.0 0
0.00 86. 1004. 0 ADJ-A1 NoSubs
17 9 26 269 21 -3.9 0.082 -9.000 -9.000 -999. 56. 12.8 0.0330 0.47 1.00 1.30 308.0 10.0 289.2 2.0 0
0.00 86. 1004. 0 ADJ-A1 NoSubs
17 9 26 269 22 -4.1 0.084 -9.000 -9.000 -999. 59. 12.9 0.0290 0.47 1.00 1.37 256.0 10.0 288.8 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
17 9 26 269 23 -9.1 0.126 -9.000 -9.000 -999. 108. 20.0 0.0380 0.47 1.00 1.94 330.0 10.0 287.5 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
17 9 26 269 24 -8.1 0.118 -9.000 -9.000 -999. 97. 18.0 0.0260 0.47 1.00 1.94 297.0 10.0 288.1 2.0 0
0.00 63. 1004. 0 ADJ-A1 NoSubs
17 9 27 270 1 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0330 0.47 1.00 1.42 304.0 10.0 287.5 2.0 0
0.00 71. 1005. 0 ADJ-A1 NoSubs
17 9 27 270 2 -3.3 0.076 -9.000 -9.000 -999. 50. 11.7 0.0260 0.47 1.00 1.23 299.0 10.0 286.4 2.0 0

0.00 71. 1005. 0 ADJ-A1 NoSubs
17 9 27 270 3 -14.1 0.158 -9.000 -9.000 -999. 151. 27.4 0.0330 0.47 1.00 2.44 316.0 10.0 287.5 2.0 0
0.00 61. 1005. 0 ADJ-A1 NoSubs
17 9 27 270 4 -9.7 0.130 -9.000 -9.000 -999. 113. 20.3 0.0330 0.47 1.00 2.04 324.0 10.0 286.4 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
17 9 27 270 5 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.47 1.00 1.77 311.0 10.0 286.4 2.0 0
0.00 66. 1005. 0 ADJ-A1 NoSubs
17 9 27 270 6 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.47 1.00 1.48 303.0 10.0 285.9 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 7 -5.9 0.113 -9.000 -9.000 -999. 91. 21.7 0.0380 0.47 0.50 1.72 336.0 10.0 287.5 2.0 0
0.00 66. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 8 28.6 0.144 0.423 0.012 95. 131. -9.3 0.0310 0.47 0.27 1.67 5.0 10.0 293.1 2.0 0
0.00 41. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 9 70.4 0.166 0.699 0.012 174. 162. -5.8 0.0300 0.47 0.20 1.84 117.0 10.0 295.9 2.0 0
0.00 36. 1007. 0 ADJ-A1 NoSubs
17 9 27 270 10 104.2 0.189 0.994 0.010 339. 198. -5.9 0.0300 0.47 0.18 2.10 105.0 10.0 299.2 2.0 0
0.00 27. 1007. 0 ADJ-A1 NoSubs
17 9 27 270 11 127.8 0.178 1.258 0.010 560. 180. -4.0 0.0340 0.47 0.18 1.82 142.0 10.0 302.5 2.0 0
0.00 23. 1007. 0 ADJ-A1 NoSubs
17 9 27 270 12 139.8 0.248 1.333 0.008 609. 297. -9.8 0.0370 0.47 0.17 2.79 174.0 10.0 304.9 2.0 0
0.00 18. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 13 138.9 0.315 1.360 0.007 651. 424. -20.2 0.0230 0.47 0.17 4.17 192.0 10.0 303.8 2.0 0
0.00 18. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 14 127.3 0.348 1.367 0.005 721. 493. -29.8 0.0380 0.47 0.18 4.31 225.0 10.0 304.2 2.0 0
0.00 17. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 15 103.5 0.275 1.324 0.005 804. 350. -18.1 0.0380 0.47 0.18 3.27 236.0 10.0 302.5 2.0 0
0.00 20. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 16 69.3 0.251 1.180 0.005 850. 302. -20.4 0.0380 0.47 0.21 3.01 221.0 10.0 300.4 2.0 0
0.00 25. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 17 27.3 0.208 0.870 0.005 866. 228. -29.5 0.0380 0.47 0.28 2.57 221.0 10.0 298.8 2.0 0
0.00 27. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 18 -4.9 0.098 -9.000 -9.000 -999. 81. 17.4 0.0230 0.47 0.54 1.65 192.0 10.0 294.9 2.0 0
0.00 31. 1006. 0 ADJ-A1 NoSubs
17 9 27 270 19 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0260 0.47 1.00 1.09 278.0 10.0 292.5 2.0 0
0.00 41. 1007. 0 ADJ-A1 NoSubs
17 9 27 270 20 -6.9 0.110 -9.000 -9.000 -999. 88. 17.4 0.0380 0.47 1.00 1.71 331.0 10.0 292.0 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
17 9 27 270 21 -8.0 0.118 -9.000 -9.000 -999. 97. 18.4 0.0330 0.47 1.00 1.86 302.0 10.0 290.4 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
17 9 27 270 22 -7.4 0.113 -9.000 -9.000 -999. 91. 17.6 0.0330 0.47 1.00 1.79 312.0 10.0 290.4 2.0 0
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17 9 27 270 23 -7.0 0.109 -9.000 -9.000 -999. 87. 17.0 0.0330 0.47 1.00 1.74 313.0 10.0 288.8 2.0 0
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17 9 28 271 1 -10.8 0.138 -9.000 -9.000 -999. 123. 21.7 0.0330 0.47 1.00 2.15 312.0 10.0 288.1 2.0 0
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17 9 28 271 2 -8.3 0.120 -9.000 -9.000 -999. 99. 18.6 0.0330 0.47 1.00 1.89 320.0 10.0 287.5 2.0 0
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17 9 28 271 3 -8.1 0.117 -9.000 -9.000 -999. 96. 17.9 0.0260 0.47 1.00 1.93 299.0 10.0 287.5 2.0 0
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17 9 28 271 6 -4.8 0.091 -9.000 -9.000 -999. 66. 13.9 0.0330 0.47 1.00 1.45 313.0 10.0 285.9 2.0 0
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17 9 28 271 7 -5.7 0.108 -9.000 -9.000 -999. 85. 19.7 0.0260 0.47 0.51 1.76 285.0 10.0 287.5 2.0 0
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17 9 28 271 8 27.6 0.090 0.441 0.015 112. 65. -2.4 0.0290 0.47 0.28 0.89 265.0 10.0 292.0 2.0 0
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17 9 28 271 9 69.3 0.133 0.712 0.012 187. 116. -3.0 0.0340 0.47 0.20 1.31 127.0 10.0 294.9 2.0 0
0.00 37. 1009. 0 ADJ-A1 NoSubs
17 9 28 271 10 103.4 0.140 0.935 0.010 284. 126. -2.4 0.0340 0.47 0.18 1.33 129.0 10.0 299.2 2.0 0
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17 9 28 271 11 126.9 0.158 1.148 0.009 429. 151. -2.8 0.0300 0.47 0.18 1.59 114.0 10.0 302.5 2.0 0
0.00 21. 1008. 0 ADJ-A1 NoSubs
17 9 28 271 12 138.4 0.265 1.284 0.007 550. 327. -12.1 0.0230 0.47 0.17 3.35 183.0 10.0 303.8 2.0 0
0.00 23. 1008. 0 ADJ-A1 NoSubs
17 9 28 271 13 137.4 0.304 1.351 0.005 645. 402. -18.3 0.0380 0.47 0.17 3.61 224.0 10.0 302.5 2.0 0
0.00 22. 1008. 0 ADJ-A1 NoSubs
17 9 28 271 14 125.7 0.301 1.363 0.005 723. 396. -19.4 0.0380 0.47 0.18 3.59 229.0 10.0 303.1 2.0 0
0.00 19. 1007. 0 ADJ-A1 NoSubs
17 9 28 271 15 102.2 0.260 1.303 0.005 779. 319. -15.5 0.0230 0.47 0.18 3.37 199.0 10.0 302.0 2.0 0
0.00 24. 1007. 0 ADJ-A1 NoSubs
17 9 28 271 16 65.9 0.367 1.139 0.005 807. 534. -67.6 0.0370 0.47 0.21 4.80 151.0 10.0 294.2 2.0 0
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17 9 28 271 17 23.6 0.276 0.813 0.005 817. 352. -79.6 0.0370 0.47 0.29 3.63 155.0 10.0 291.4 2.0 0
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17 9 28 271 18 -21.1 0.269 -9.000 -9.000 -999. 335. 83.3 0.0370 0.47 0.55 3.95 165.0 10.0 288.8 2.0 0
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17 9 28 271 19 -15.0 0.163 -9.000 -9.000 -999. 163. 29.2 0.0340 0.47 1.00 2.50 142.0 10.0 288.1 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
17 9 28 271 20 -8.5 0.121 -9.000 -9.000 -999. 101. 18.7 0.0300 0.47 1.00 1.94 103.0 10.0 288.1 2.0 0
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17 9 28 271 21 -3.9 0.082 -9.000 -9.000 -999. 57. 12.7 0.0330 0.47 1.00 1.30 312.0 10.0 287.5 2.0 0
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17 9 28 271 22 -6.0 0.102 -9.000 -9.000 -999. 78. 15.6 0.0330 0.47 1.00 1.62 317.0 10.0 285.9 2.0 0
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17 9 29 272 1 -4.7 0.090 -9.000 -9.000 -999. 64. 13.7 0.0330 0.47 1.00 1.43 306.0 10.0 285.4 2.0 0
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17 9 29 272 3 -3.8 0.080 -9.000 -9.000 -999. 55. 12.3 0.0290 0.47 1.00 1.30 260.0 10.0 283.1 2.0 0
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17 9 29 272 5 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.47 1.00 1.47 345.0 10.0 284.2 2.0 0
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17 9 29 272 6 -2.2 0.066 -9.000 -9.000 -999. 40. 11.6 0.0330 0.47 1.00 0.91 310.0 10.0 284.2 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
17 9 29 272 7 -4.2 0.088 -9.000 -9.000 -999. 63. 14.7 0.0260 0.47 0.52 1.47 282.0 10.0 284.2 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
17 9 29 272 8 4.6 0.121 0.216 0.022 78. 101. -34.6 0.0290 0.47 0.28 1.60 81.0 10.0 285.9 2.0 0

0.00 100. 1010. 10 ADJ-A1 NoSubs
17 9 29 272 9 66.9 0.134 0.859 0.027 340. 118. -3.3 0.0300 0.47 0.21 1.38 114.0 10.0 289.2 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
17 9 29 272 10 100.5 0.185 1.043 0.026 407. 191. -5.7 0.0380 0.47 0.18 1.93 214.0 10.0 293.1 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
17 9 29 272 11 123.2 0.221 1.138 0.024 431. 249. -7.9 0.0380 0.47 0.18 2.41 225.0 10.0 295.4 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
17 9 29 272 12 134.1 0.307 1.187 0.022 450. 407. -19.3 0.0370 0.47 0.17 3.68 176.0 10.0 295.4 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
17 9 29 272 13 133.5 0.329 1.201 0.020 468. 452. -24.0 0.0230 0.47 0.17 4.41 186.0 10.0 295.4 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
17 9 29 272 14 121.9 0.306 1.179 0.018 484. 407. -21.2 0.0370 0.47 0.18 3.71 164.0 10.0 296.4 2.0 0
0.00 42. 1009. 0 ADJ-A1 NoSubs
17 9 29 272 15 98.3 0.319 1.110 0.016 501. 432. -29.7 0.0340 0.47 0.18 4.03 148.0 10.0 294.9 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
17 9 29 272 16 64.1 0.317 0.971 0.015 514. 429. -44.7 0.0340 0.47 0.21 4.12 135.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 9 29 272 17 22.3 0.323 0.685 0.015 518. 442. -136.5 0.0340 0.47 0.29 4.42 122.0 10.0 290.9 2.0 0
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17 9 29 272 18 -21.1 0.262 -9.000 -9.000 -999. 324. 76.8 0.0300 0.47 0.56 4.00 108.0 10.0 289.2 2.0 0
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17 9 29 272 19 -19.3 0.198 -9.000 -9.000 -999. 212. 43.0 0.0290 0.47 1.00 3.08 74.0 10.0 288.8 2.0 0
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0.00 93. 1010. 0 ADJ-A1 NoSubs
17 9 29 272 21 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0330 0.47 1.00 1.47 38.0 10.0 288.1 2.0 0
0.00 93. 1010. 0 ADJ-A1 NoSubs
17 9 29 272 22 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0310 0.47 1.00 1.26 5.0 10.0 287.5 2.0 0
0.00 93. 1010. 0 ADJ-A1 NoSubs
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0.00 96. 1010. 0 ADJ-A1 NoSubs
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0.00 96. 1010. 10 ADJ-A1 NoSubs
17 9 30 273 1 -2.8 0.071 -9.000 -9.000 -999. 45. 11.5 0.0310 0.47 1.00 1.08 2.0 10.0 287.5 2.0 0
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17 9 30 273 4 -3.4 0.077 -9.000 -9.000 -999. 52. 12.2 0.0330 0.47 1.00 1.21 39.0 10.0 287.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 9 30 273 5 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.47 1.00 1.25 343.0 10.0 287.5 2.0 0
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0.00 100. 1010. 10 ADJ-A1 NoSubs
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17 9 30 273 10 23.7 0.142 -9.000 -9.000 -999. 129. -10.9 0.0290 0.47 0.18 1.70 75.0 10.0 289.9 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
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0.00 74. 1010. 10 ADJ-A1 NoSubs
17 9 30 273 12 132.7 0.167 -9.000 -9.000 -999. 163. -3.1 0.0300 0.47 0.17 1.70 99.0 10.0 293.8 2.0 0
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17 9 30 273 15 97.0 0.247 -9.000 -9.000 -999. 295. -14.0 0.0230 0.47 0.18 3.17 191.0 10.0 294.2 2.0 0
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17 9 30 273 16 63.1 0.257 -9.000 -9.000 -999. 313. -24.2 0.0370 0.47 0.21 3.15 167.0 10.0 293.1 2.0 0
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17 9 30 273 17 21.8 0.212 -9.000 -9.000 -999. 236. -39.6 0.0340 0.47 0.29 2.74 134.0 10.0 293.1 2.0 0
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17 10 1 274 2 -10.4 0.134 -9.000 -9.000 -999. 118. 21.0 0.0330 0.47 1.00 2.10 309.0 10.0 285.4 2.0 0
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17 10 1 274 3 -4.0 0.082 -9.000 -9.000 -999. 56. 12.3 0.0260 0.47 1.00 1.35 279.0 10.0 282.5 2.0 0
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17 10 1 274 4 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.47 1.00 1.76 331.0 10.0 284.2 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
17 10 1 274 5 -4.3 0.086 -9.000 -9.000 -999. 61. 13.2 0.0330 0.47 1.00 1.37 323.0 10.0 283.1 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
17 10 1 274 6 -4.3 0.086 -9.000 -9.000 -999. 61. 13.2 0.0330 0.47 1.00 1.37 309.0 10.0 283.8 2.0 0
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0.00 100. 1009. 0 ADJ-A1 NoSubs
17 10 1 274 8 24.3 0.127 0.382 0.014 83. 109. -7.6 0.0380 0.47 0.28 1.38 215.0 10.0 287.5 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
17 10 1 274 9 65.6 0.140 0.794 0.014 275. 126. -3.8 0.0340 0.47 0.21 1.42 132.0 10.0 289.9 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
17 10 1 274 10 98.8 0.158 0.983 0.013 345. 151. -3.6 0.0300 0.47 0.18 1.64 119.0 10.0 293.1 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
17 10 1 274 11 121.4 0.244 1.157 0.012 459. 289. -10.7 0.0370 0.47 0.18 2.76 174.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
17 10 1 274 12 132.7 0.295 1.221 0.010 493. 384. -17.4 0.0230 0.47 0.17 3.86 183.0 10.0 296.4 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
17 10 1 274 13 132.6 0.299 1.246 0.008 524. 393. -18.1 0.0370 0.47 0.17 3.57 163.0 10.0 298.1 2.0 0
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17 10 1 274 14 120.9 0.317 1.264 0.007 599. 427. -23.5 0.0230 0.47 0.18 4.24 197.0 10.0 299.2 2.0 0

0.00 30. 1005. 0 ADJ-A1 NoSubs
17 10 1 274 15 97.9 0.289 1.246 0.007 708. 373. -22.0 0.0370 0.47 0.19 3.51 165.0 10.0 299.9 2.0 0
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17 10 1 274 16 63.7 0.256 1.109 0.006 766. 312. -23.6 0.0370 0.47 0.21 3.13 176.0 10.0 298.1 2.0 0
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17 10 1 274 17 20.8 0.260 0.766 0.006 774. 319. -76.1 0.0300 0.47 0.30 3.56 109.0 10.0 293.8 2.0 0
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17 10 1 274 19 -15.1 0.163 -9.000 -9.000 -999. 158. 29.3 0.0290 0.47 1.00 2.57 77.0 10.0 289.2 2.0 0
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0.00 83. 1005. 0 ADJ-A1 NoSubs
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17 10 2 275 7 -6.6 0.114 -9.000 -9.000 -999. 92. 19.9 0.0330 0.47 0.53 1.79 320.0 10.0 282.5 2.0 0
0.00 83. 1005. 0 ADJ-A1 NoSubs
17 10 2 275 8 23.5 0.126 0.447 0.005 136. 107. -7.6 0.0290 0.47 0.28 1.45 79.0 10.0 287.0 2.0 0
0.00 68. 1006. 0 ADJ-A1 NoSubs
17 10 2 275 9 65.1 0.158 1.061 0.006 660. 151. -5.5 0.0340 0.47 0.21 1.69 142.0 10.0 290.9 2.0 0
0.00 49. 1006. 0 ADJ-A1 NoSubs
17 10 2 275 10 98.2 0.238 1.289 0.009 783. 279. -12.3 0.0370 0.47 0.18 2.74 169.0 10.0 293.8 2.0 0
0.00 37. 1006. 0 ADJ-A1 NoSubs
17 10 2 275 11 120.9 0.316 1.433 0.011 874. 426. -23.4 0.0370 0.47 0.18 3.86 175.0 10.0 295.9 2.0 0
0.00 26. 1005. 0 ADJ-A1 NoSubs
17 10 2 275 12 131.6 0.308 1.522 0.011 962. 411. -20.0 0.0230 0.47 0.17 4.08 203.0 10.0 295.9 2.0 0
0.00 25. 1005. 0 ADJ-A1 NoSubs
17 10 2 275 13 131.4 0.309 1.564 0.010 1045. 412. -20.1 0.0230 0.47 0.17 4.09 203.0 10.0 297.5 2.0 0
0.00 24. 1004. 0 ADJ-A1 NoSubs
17 10 2 275 14 118.8 0.362 1.545 0.010 1112. 522. -35.6 0.0380 0.47 0.18 4.53 218.0 10.0 296.4 2.0 0
0.00 24. 1004. 0 ADJ-A1 NoSubs
17 10 2 275 15 95.5 0.312 1.458 0.009 1164. 420. -28.5 0.0380 0.47 0.19 3.85 234.0 10.0 296.4 2.0 0
0.00 27. 1003. 0 ADJ-A1 NoSubs
17 10 2 275 16 61.9 0.200 1.274 0.009 1197. 221. -11.5 0.0370 0.47 0.21 2.28 177.0 10.0 296.4 2.0 0
0.00 31. 1003. 0 ADJ-A1 NoSubs
17 10 2 275 17 19.2 0.240 0.864 0.009 1201. 282. -64.0 0.0300 0.47 0.30 3.25 114.0 10.0 292.5 2.0 0

0.00 51. 1003. 0 ADJ-A1 NoSubs
17 10 2 275 18 -23.0 0.264 -9.000 -9.000 -999. 326. 76.9 0.0340 0.47 0.60 3.95 122.0 10.0 288.8 2.0 0
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17 10 2 275 19 -19.2 0.197 -9.000 -9.000 -999. 211. 42.6 0.0300 0.47 1.00 3.05 99.0 10.0 287.0 2.0 0
0.00 68. 1003. 0 ADJ-A1 NoSubs
17 10 2 275 20 -20.8 0.212 -9.000 -9.000 -999. 234. 49.3 0.0290 0.47 1.00 3.29 60.0 10.0 286.4 2.0 0
0.00 74. 1004. 0 ADJ-A1 NoSubs
17 10 2 275 21 -16.2 0.170 -9.000 -9.000 -999. 168. 31.7 0.0330 0.47 1.00 2.61 47.0 10.0 285.4 2.0 0
0.00 86. 1004. 0 ADJ-A1 NoSubs
17 10 2 275 22 -16.6 0.172 -9.000 -9.000 -999. 171. 32.5 0.0330 0.47 1.00 2.64 40.0 10.0 284.9 2.0 0
0.00 89. 1003. 0 ADJ-A1 NoSubs
17 10 2 275 23 -14.5 0.160 -9.000 -9.000 -999. 154. 28.1 0.0330 0.47 1.00 2.47 38.0 10.0 284.2 2.0 0
0.00 96. 1003. 5 ADJ-A1 NoSubs
17 10 2 275 24 -12.6 0.148 -9.000 -9.000 -999. 137. 24.2 0.0310 0.47 1.00 2.33 26.0 10.0 284.2 2.0 0
0.00 92. 1003. 10 ADJ-A1 NoSubs
17 10 3 276 1 -16.2 0.170 -9.000 -9.000 -999. 168. 31.7 0.0330 0.47 1.00 2.61 36.0 10.0 284.9 2.0 0
0.00 92. 1003. 10 ADJ-A1 NoSubs
17 10 3 276 2 -9.7 0.130 -9.000 -9.000 -999. 113. 20.2 0.0330 0.47 1.00 2.04 39.0 10.0 284.9 2.0 0
0.00 96. 1003. 10 ADJ-A1 NoSubs
17 10 3 276 3 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0310 0.47 1.00 1.47 22.0 10.0 285.4 2.0 0
0.00 89. 1003. 10 ADJ-A1 NoSubs
17 10 3 276 4 -6.0 0.101 -9.000 -9.000 -999. 78. 15.5 0.0330 0.47 1.00 1.62 55.0 10.0 284.9 2.0 0
0.00 92. 1002. 7 ADJ-A1 NoSubs
17 10 3 276 5 -5.8 0.100 -9.000 -9.000 -999. 75. 15.2 0.0330 0.47 1.00 1.59 322.0 10.0 283.1 2.0 0
0.00 100. 1003. 0 ADJ-A1 NoSubs
17 10 3 276 6 -7.1 0.109 -9.000 -9.000 -999. 87. 16.5 0.0260 0.47 1.00 1.81 289.0 10.0 283.1 2.0 0
0.00 92. 1003. 10 ADJ-A1 NoSubs
17 10 3 276 7 -5.4 0.103 -9.000 -9.000 -999. 79. 18.0 0.0260 0.47 0.54 1.69 289.0 10.0 282.0 2.0 0
0.00 95. 1004. 3 ADJ-A1 NoSubs
17 10 3 276 8 22.4 0.109 0.515 0.005 218. 86. -5.2 0.0290 0.47 0.29 1.20 248.0 10.0 285.4 2.0 0
0.00 80. 1004. 0 ADJ-A1 NoSubs
17 10 3 276 9 66.8 0.181 0.937 0.007 441. 185. -8.0 0.0370 0.47 0.21 1.99 177.0 10.0 286.4 2.0 0
0.00 71. 1005. 3 ADJ-A1 NoSubs
17 10 3 276 10 96.1 0.166 1.172 0.009 601. 162. -4.2 0.0300 0.47 0.18 1.76 92.0 10.0 289.2 2.0 0
0.00 57. 1005. 0 ADJ-A1 NoSubs
17 10 3 276 11 118.3 0.256 1.321 0.009 699. 312. -12.8 0.0370 0.47 0.18 2.96 165.0 10.0 290.4 2.0 0
0.00 55. 1005. 0 ADJ-A1 NoSubs
17 10 3 276 12 129.1 0.294 1.418 0.008 793. 383. -17.7 0.0230 0.47 0.17 3.86 197.0 10.0 290.9 2.0 0
0.00 53. 1006. 0 ADJ-A1 NoSubs
17 10 3 276 13 128.3 0.397 1.465 0.008 880. 600. -43.8 0.0380 0.47 0.17 5.04 225.0 10.0 290.9 2.0 0
0.00 59. 1006. 0 ADJ-A1 NoSubs
17 10 3 276 14 115.9 0.428 1.441 0.009 928. 671. -60.7 0.0290 0.47 0.18 5.82 243.0 10.0 290.4 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
17 10 3 276 15 92.5 0.343 1.350 0.008 956. 486. -39.1 0.0380 0.47 0.19 4.32 227.0 10.0 290.4 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
17 10 3 276 16 58.7 0.236 1.167 0.008 973. 281. -20.0 0.0230 0.47 0.21 3.12 200.0 10.0 289.9 2.0 0
0.00 66. 1007. 0 ADJ-A1 NoSubs
17 10 3 276 17 16.9 0.264 0.772 0.008 976. 326. -98.4 0.0230 0.47 0.31 3.83 193.0 10.0 288.1 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
17 10 3 276 18 -9.5 0.129 -9.000 -9.000 -999. 124. 20.6 0.0230 0.47 0.61 2.15 201.0 10.0 285.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
17 10 3 276 19 -4.7 0.088 -9.000 -9.000 -999. 63. 13.2 0.0230 0.47 1.00 1.50 200.0 10.0 285.9 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
17 10 3 276 20 -3.0 0.073 -9.000 -9.000 -999. 47. 11.4 0.0260 0.47 1.00 1.16 290.0 10.0 284.9 2.0 0

0.00 96. 1010. 0 ADJ-A1 NoSubs
17 10 3 276 21 -9.9 0.131 -9.000 -9.000 -999. 113. 20.3 0.0330 0.47 1.00 2.05 309.0 10.0 283.8 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
17 10 3 276 22 -6.6 0.105 -9.000 -9.000 -999. 81. 15.7 0.0260 0.47 1.00 1.74 284.0 10.0 283.1 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
17 10 3 276 23 -9.2 0.126 -9.000 -9.000 -999. 107. 19.5 0.0330 0.47 1.00 1.98 321.0 10.0 282.5 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
17 10 3 276 24 -8.6 0.121 -9.000 -9.000 -999. 101. 18.6 0.0330 0.47 1.00 1.91 312.0 10.0 282.0 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
17 10 4 277 1 -11.5 0.140 -9.000 -9.000 -999. 125. 21.5 0.0260 0.47 1.00 2.27 293.0 10.0 282.0 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
17 10 4 277 2 -12.3 0.146 -9.000 -9.000 -999. 134. 23.4 0.0330 0.47 1.00 2.27 318.0 10.0 281.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
17 10 4 277 3 -6.7 0.107 -9.000 -9.000 -999. 84. 16.3 0.0330 0.47 1.00 1.70 316.0 10.0 280.9 2.0 0
0.00 95. 1012. 0 ADJ-A1 NoSubs
17 10 4 277 4 -7.7 0.114 -9.000 -9.000 -999. 93. 17.5 0.0330 0.47 1.00 1.81 327.0 10.0 280.9 2.0 0
0.00 95. 1012. 0 ADJ-A1 NoSubs
17 10 4 277 5 -8.1 0.118 -9.000 -9.000 -999. 97. 18.0 0.0330 0.47 1.00 1.86 317.0 10.0 280.4 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
17 10 4 277 6 -8.8 0.122 -9.000 -9.000 -999. 103. 18.8 0.0330 0.47 1.00 1.93 314.0 10.0 280.4 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
17 10 4 277 7 -8.4 0.126 -9.000 -9.000 -999. 107. 21.3 0.0260 0.47 0.55 2.04 296.0 10.0 282.0 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
17 10 4 277 8 21.6 0.106 0.398 0.015 105. 83. -5.0 0.0330 0.47 0.29 1.13 35.0 10.0 284.9 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
17 10 4 277 9 62.8 0.108 0.743 0.017 236. 85. -1.8 0.0300 0.47 0.21 1.01 113.0 10.0 288.1 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
17 10 4 277 10 95.9 0.149 0.974 0.015 348. 139. -3.1 0.0340 0.47 0.19 1.48 131.0 10.0 291.4 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
17 10 4 277 11 118.7 0.161 1.102 0.012 408. 154. -3.1 0.0340 0.47 0.18 1.59 133.0 10.0 294.9 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
17 10 4 277 12 129.9 0.252 1.246 0.010 539. 303. -11.1 0.0370 0.47 0.17 2.86 171.0 10.0 296.4 2.0 0
0.00 31. 1013. 0 ADJ-A1 NoSubs
17 10 4 277 13 128.6 0.333 1.265 0.008 569. 460. -25.8 0.0380 0.47 0.17 4.07 213.0 10.0 295.4 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
17 10 4 277 14 115.8 0.292 1.239 0.006 594. 380. -19.4 0.0380 0.47 0.18 3.49 215.0 10.0 293.8 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
17 10 4 277 15 92.0 0.266 1.160 0.005 613. 330. -18.5 0.0370 0.47 0.19 3.18 177.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
17 10 4 277 16 58.1 0.212 1.002 0.005 624. 236. -14.9 0.0370 0.47 0.22 2.49 162.0 10.0 292.0 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
17 10 4 277 17 16.3 0.177 0.657 0.005 627. 180. -30.9 0.0340 0.47 0.31 2.25 149.0 10.0 290.4 2.0 0
0.00 75. 1011. 0 ADJ-A1 NoSubs
17 10 4 277 18 -19.0 0.207 -9.000 -9.000 -999. 225. 46.9 0.0340 0.47 0.62 3.12 146.0 10.0 287.0 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
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0.00 100. 1011. 0 ADJ-A1 NoSubs
17 10 4 277 20 -7.8 0.116 -9.000 -9.000 -999. 94. 17.9 0.0340 0.47 1.00 1.82 129.0 10.0 285.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 10 4 277 21 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0260 0.47 1.00 1.08 289.0 10.0 285.4 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 10 4 277 22 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.47 1.00 1.74 310.0 10.0 284.2 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 10 4 277 23 -8.8 0.123 -9.000 -9.000 -999. 104. 19.0 0.0330 0.47 1.00 1.94 312.0 10.0 283.8 2.0 0

0.00 96. 1012. 0 ADJ-A1 NoSubs
17 10 4 277 24 -6.1 0.101 -9.000 -9.000 -999. 78. 15.5 0.0330 0.47 1.00 1.62 319.0 10.0 283.8 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
17 10 5 278 1 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.47 1.00 1.86 314.0 10.0 283.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 2 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0330 0.47 1.00 1.96 310.0 10.0 283.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 3 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0330 0.47 1.00 1.50 312.0 10.0 282.0 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 4 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0330 0.47 1.00 1.74 312.0 10.0 281.4 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 5 -9.5 0.128 -9.000 -9.000 -999. 110. 19.7 0.0330 0.47 1.00 2.01 316.0 10.0 280.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 6 -4.4 0.087 -9.000 -9.000 -999. 61. 13.2 0.0330 0.47 1.00 1.38 320.0 10.0 280.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 7 -8.3 0.125 -9.000 -9.000 -999. 106. 21.0 0.0260 0.47 0.55 2.03 295.0 10.0 282.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 8 21.0 0.107 0.415 0.017 123. 84. -5.3 0.0290 0.47 0.29 1.18 254.0 10.0 285.9 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 9 62.4 0.162 0.748 0.016 242. 157. -6.2 0.0340 0.47 0.21 1.76 121.0 10.0 289.9 2.0 0
0.00 43. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 10 95.7 0.161 0.909 0.013 283. 155. -3.9 0.0340 0.47 0.19 1.64 123.0 10.0 293.8 2.0 0
0.00 32. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 11 118.6 0.159 1.042 0.010 344. 152. -3.1 0.0340 0.47 0.18 1.57 135.0 10.0 297.0 2.0 0
0.00 24. 1011. 0 ADJ-A1 NoSubs
17 10 5 278 12 130.0 0.235 1.130 0.007 400. 274. -9.0 0.0370 0.47 0.17 2.62 178.0 10.0 299.2 2.0 0
0.00 19. 1010. 0 ADJ-A1 NoSubs
17 10 5 278 13 129.1 0.304 1.171 0.005 449. 402. -19.5 0.0380 0.47 0.18 3.63 229.0 10.0 299.2 2.0 0
0.00 21. 1010. 0 ADJ-A1 NoSubs
17 10 5 278 14 116.7 0.303 1.228 0.005 572. 401. -21.5 0.0290 0.47 0.18 3.86 250.0 10.0 299.2 2.0 0
0.00 19. 1009. 0 ADJ-A1 NoSubs
17 10 5 278 15 93.0 0.275 1.202 0.005 673. 346. -20.0 0.0380 0.47 0.19 3.29 221.0 10.0 298.8 2.0 0
0.00 24. 1008. 0 ADJ-A1 NoSubs
17 10 5 278 16 57.9 0.218 1.063 0.005 745. 245. -16.1 0.0340 0.47 0.22 2.62 148.0 10.0 295.4 2.0 0
0.00 45. 1008. 0 ADJ-A1 NoSubs
17 10 5 278 17 15.1 0.204 0.680 0.005 747. 221. -50.5 0.0340 0.47 0.31 2.67 143.0 10.0 290.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
17 10 5 278 18 -8.9 0.125 -9.000 -9.000 -999. 108. 19.6 0.0230 0.47 0.64 2.08 196.0 10.0 287.5 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
17 10 5 278 19 -6.4 0.106 -9.000 -9.000 -999. 82. 16.4 0.0380 0.47 1.00 1.64 214.0 10.0 287.0 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
17 10 5 278 20 -4.8 0.090 -9.000 -9.000 -999. 65. 13.7 0.0290 0.47 1.00 1.47 258.0 10.0 286.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
17 10 5 278 21 -2.9 0.072 -9.000 -9.000 -999. 46. 11.3 0.0260 0.47 1.00 1.14 299.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
17 10 5 278 22 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.47 1.00 2.25 321.0 10.0 284.9 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
17 10 5 278 23 -15.2 0.163 -9.000 -9.000 -999. 159. 29.4 0.0330 0.47 1.00 2.52 316.0 10.0 284.9 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
17 10 5 278 24 -10.0 0.131 -9.000 -9.000 -999. 114. 20.5 0.0330 0.47 1.00 2.06 316.0 10.0 284.9 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
17 10 6 279 1 -9.2 0.126 -9.000 -9.000 -999. 107. 19.6 0.0330 0.47 1.00 1.98 323.0 10.0 284.9 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
17 10 6 279 2 -8.3 0.119 -9.000 -9.000 -999. 98. 18.4 0.0330 0.47 1.00 1.88 318.0 10.0 283.8 2.0 0

0.00 68. 1010. 0 ADJ-A1 NoSubs
17 10 6 279 3 -8.7 0.121 -9.000 -9.000 -999. 101. 18.4 0.0260 0.47 1.00 1.99 296.0 10.0 284.2 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
17 10 6 279 4 -5.8 0.099 -9.000 -9.000 -999. 74. 14.7 0.0260 0.47 1.00 1.64 293.0 10.0 282.5 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
17 10 6 279 5 -6.4 0.104 -9.000 -9.000 -999. 80. 15.5 0.0260 0.47 1.00 1.72 273.0 10.0 283.1 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
17 10 6 279 6 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0330 0.47 1.00 1.79 304.0 10.0 282.0 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
17 10 6 279 7 -5.3 0.099 -9.000 -9.000 -999. 74. 16.4 0.0330 0.47 0.56 1.57 307.0 10.0 283.1 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
17 10 6 279 8 20.8 0.110 0.354 0.022 77. 88. -5.8 0.0380 0.47 0.29 1.16 360.0 10.0 288.1 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
17 10 6 279 9 62.2 0.189 0.663 0.017 169. 197. -9.8 0.0330 0.47 0.21 2.18 51.0 10.0 292.0 2.0 0
0.00 37. 1012. 0 ADJ-A1 NoSubs
17 10 6 279 10 95.4 0.148 0.863 0.015 243. 137. -3.1 0.0290 0.47 0.19 1.52 82.0 10.0 295.4 2.0 0
0.00 28. 1012. 0 ADJ-A1 NoSubs
17 10 6 279 11 119.3 0.166 1.009 0.011 311. 163. -3.5 0.0300 0.47 0.18 1.72 98.0 10.0 300.9 2.0 0
0.00 17. 1011. 0 ADJ-A1 NoSubs
17 10 6 279 12 130.8 0.212 1.103 0.008 370. 234. -6.6 0.0290 0.47 0.18 2.40 79.0 10.0 303.1 2.0 0
0.00 13. 1011. 0 ADJ-A1 NoSubs
17 10 6 279 13 130.3 0.204 1.139 0.006 408. 221. -5.9 0.0300 0.47 0.18 2.26 107.0 10.0 304.2 2.0 0
0.00 12. 1010. 0 ADJ-A1 NoSubs
17 10 6 279 14 117.9 0.271 1.153 0.005 469. 339. -15.3 0.0380 0.47 0.18 3.17 215.0 10.0 304.2 2.0 0
0.00 14. 1009. 0 ADJ-A1 NoSubs
17 10 6 279 15 93.5 0.356 1.120 0.005 542. 509. -43.3 0.0290 0.47 0.19 4.75 247.0 10.0 302.5 2.0 0
0.00 16. 1009. 0 ADJ-A1 NoSubs
17 10 6 279 16 59.1 0.303 1.078 0.005 762. 403. -42.5 0.0290 0.47 0.22 4.05 247.0 10.0 301.4 2.0 0
0.00 17. 1008. 0 ADJ-A1 NoSubs
17 10 6 279 17 17.4 0.220 0.731 0.005 806. 251. -55.1 0.0290 0.47 0.32 2.98 251.0 10.0 300.4 2.0 0
0.00 20. 1008. 0 ADJ-A1 NoSubs
17 10 6 279 18 -20.0 0.215 -9.000 -9.000 -999. 240. 51.0 0.0370 0.47 0.65 3.20 158.0 10.0 290.9 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
17 10 6 279 19 -9.3 0.126 -9.000 -9.000 -999. 110. 19.2 0.0230 0.47 1.00 2.10 185.0 10.0 288.1 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
17 10 6 279 20 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0380 0.47 1.00 1.40 227.0 10.0 288.1 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
17 10 6 279 21 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.47 1.00 1.48 306.0 10.0 287.5 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
17 10 6 279 22 -10.5 0.135 -9.000 -9.000 -999. 119. 21.1 0.0330 0.47 1.00 2.11 313.0 10.0 286.4 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
17 10 6 279 23 -10.7 0.136 -9.000 -9.000 -999. 121. 21.4 0.0330 0.47 1.00 2.13 315.0 10.0 285.9 2.0 0
0.00 73. 1009. 0 ADJ-A1 NoSubs
17 10 6 279 24 -11.4 0.141 -9.000 -9.000 -999. 127. 22.2 0.0330 0.47 1.00 2.20 321.0 10.0 285.9 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
17 10 7 280 1 -10.4 0.134 -9.000 -9.000 -999. 118. 21.0 0.0330 0.47 1.00 2.10 312.0 10.0 285.4 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
17 10 7 280 2 -6.3 0.103 -9.000 -9.000 -999. 79. 15.4 0.0260 0.47 1.00 1.71 281.0 10.0 283.1 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
17 10 7 280 3 -7.7 0.114 -9.000 -9.000 -999. 92. 17.2 0.0260 0.47 1.00 1.88 285.0 10.0 283.8 2.0 0
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17 10 7 280 4 -8.5 0.121 -9.000 -9.000 -999. 101. 18.7 0.0330 0.47 1.00 1.91 305.0 10.0 284.2 2.0 0
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17 10 7 280 5 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.47 1.00 1.74 304.0 10.0 282.5 2.0 0

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17 10 7 280 6 -9.5 0.128 -9.000 -9.000 -999. 110. 19.8 0.0330 0.47 1.00 2.01 307.0 10.0 282.5 2.0 0
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17 10 7 280 7 -4.5 0.091 -9.000 -9.000 -999. 66. 15.2 0.0380 0.47 0.57 1.42 331.0 10.0 283.1 2.0 0
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17 10 7 280 8 20.3 0.109 0.356 0.026 80. 86. -5.7 0.0380 0.47 0.30 1.14 337.0 10.0 289.2 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
17 10 7 280 9 61.5 0.124 0.625 0.024 143. 105. -2.8 0.0300 0.47 0.21 1.25 108.0 10.0 292.5 2.0 0
0.00 32. 1008. 0 ADJ-A1 NoSubs
17 10 7 280 10 94.8 0.151 0.808 0.020 200. 140. -3.2 0.0340 0.47 0.19 1.50 130.0 10.0 295.9 2.0 0
0.00 25. 1008. 0 ADJ-A1 NoSubs
17 10 7 280 11 117.2 0.179 0.946 0.017 260. 182. -4.4 0.0340 0.47 0.18 1.86 136.0 10.0 298.1 2.0 0
0.00 29. 1007. 0 ADJ-A1 NoSubs
17 10 7 280 12 128.6 0.253 1.056 0.014 329. 305. -11.3 0.0370 0.47 0.18 2.88 176.0 10.0 300.4 2.0 0
0.00 21. 1006. 0 ADJ-A1 NoSubs
17 10 7 280 13 128.0 0.242 1.128 0.012 403. 286. -9.9 0.0380 0.47 0.18 2.71 232.0 10.0 301.4 2.0 0
0.00 16. 1005. 0 ADJ-A1 NoSubs
17 10 7 280 14 116.0 0.226 1.141 0.010 460. 257. -8.9 0.0230 0.47 0.18 2.77 208.0 10.0 302.5 2.0 0
0.00 13. 1005. 0 ADJ-A1 Sub_CC
17 10 7 280 15 91.6 0.264 1.094 0.009 512. 325. -17.9 0.0230 0.47 0.19 3.46 190.0 10.0 300.9 2.0 0
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17 10 7 280 16 54.9 0.334 0.934 0.009 532. 463. -60.8 0.0340 0.47 0.22 4.41 149.0 10.0 293.1 2.0 0
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17 10 7 280 17 13.2 0.256 0.583 0.009 537. 313. -113.3 0.0340 0.47 0.32 3.47 140.0 10.0 291.4 2.0 0
0.00 62. 1004. 0 ADJ-A1 NoSubs
17 10 7 280 18 -20.5 0.217 -9.000 -9.000 -999. 244. 52.0 0.0370 0.47 0.66 3.23 156.0 10.0 288.1 2.0 0
0.00 77. 1004. 0 ADJ-A1 NoSubs
17 10 7 280 19 -9.8 0.131 -9.000 -9.000 -999. 116. 20.3 0.0300 0.47 1.00 2.08 109.0 10.0 288.1 2.0 0
0.00 74. 1005. 0 ADJ-A1 NoSubs
17 10 7 280 20 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.47 1.00 1.25 330.0 10.0 287.5 2.0 0
0.00 83. 1005. 0 ADJ-A1 NoSubs
17 10 7 280 21 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0310 0.47 1.00 1.72 17.0 10.0 287.0 2.0 0
0.00 80. 1005. 0 ADJ-A1 NoSubs
17 10 7 280 22 -9.1 0.126 -9.000 -9.000 -999. 107. 19.6 0.0330 0.47 1.00 1.98 38.0 10.0 285.9 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
17 10 7 280 23 -6.6 0.107 -9.000 -9.000 -999. 84. 16.4 0.0330 0.47 1.00 1.70 39.0 10.0 285.4 2.0 0
0.00 96. 1005. 0 ADJ-A1 NoSubs
17 10 7 280 24 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.47 1.00 1.54 359.0 10.0 284.9 2.0 0
0.00 96. 1005. 0 ADJ-A1 NoSubs
17 10 8 281 1 -5.3 0.095 -9.000 -9.000 -999. 71. 14.5 0.0310 0.47 1.00 1.54 9.0 10.0 284.2 2.0 0
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17 10 8 281 2 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.47 1.00 1.60 27.0 10.0 284.9 2.0 0
0.00 100. 1004. 10 ADJ-A1 NoSubs
17 10 8 281 3 -10.3 0.134 -9.000 -9.000 -999. 118. 21.0 0.0330 0.47 1.00 2.10 33.0 10.0 285.4 2.0 0
0.00 100. 1004. 10 ADJ-A1 NoSubs
17 10 8 281 4 -9.9 0.131 -9.000 -9.000 -999. 114. 20.5 0.0330 0.47 1.00 2.06 44.0 10.0 285.4 2.0 0
0.00 100. 1004. 10 ADJ-A1 NoSubs
17 10 8 281 5 -7.6 0.114 -9.000 -9.000 -999. 93. 17.6 0.0330 0.47 1.00 1.81 56.0 10.0 285.4 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
17 10 8 281 6 -6.3 0.104 -9.000 -9.000 -999. 80. 15.8 0.0290 0.47 1.00 1.69 67.0 10.0 285.4 2.0 0
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17 10 8 281 7 -9.7 0.133 -9.000 -9.000 -999. 117. 21.9 0.0330 0.47 0.58 2.08 54.0 10.0 284.9 2.0 0
0.00 100. 1004. 10 ADJ-A1 NoSubs
17 10 8 281 8 2.8 0.145 0.181 0.015 76. 132. -96.8 0.0290 0.47 0.30 2.01 65.0 10.0 284.9 2.0 0

0.00 100. 1004. 10 ADJ-A1 NoSubs
17 10 8 281 9 62.9 0.133 0.797 0.021 288. 116. -3.4 0.0300 0.47 0.21 1.37 99.0 10.0 287.0 2.0 0
0.00 83. 1004. 3 ADJ-A1 NoSubs
17 10 8 281 10 92.7 0.135 0.943 0.021 324. 119. -2.4 0.0340 0.47 0.19 1.28 126.0 10.0 292.0 2.0 0
0.00 58. 1004. 0 ADJ-A1 NoSubs
17 10 8 281 11 115.2 0.136 1.092 0.021 404. 121. -2.0 0.0330 0.47 0.18 1.26 50.0 10.0 294.9 2.0 0
0.00 46. 1003. 0 ADJ-A1 NoSubs
17 10 8 281 12 126.7 0.195 1.157 0.020 437. 207. -5.2 0.0260 0.47 0.18 2.20 275.0 10.0 298.1 2.0 0
0.00 39. 1003. 0 ADJ-A1 NoSubs
17 10 8 281 13 125.4 0.260 1.209 0.020 504. 318. -12.5 0.0290 0.47 0.18 3.15 253.0 10.0 297.5 2.0 0
0.00 44. 1002. 0 ADJ-A1 NoSubs
17 10 8 281 14 113.7 0.256 1.241 0.020 601. 311. -13.2 0.0230 0.47 0.18 3.27 209.0 10.0 299.9 2.0 0
0.00 34. 1002. 0 ADJ-A1 NoSubs
17 10 8 281 15 89.6 0.257 1.185 0.020 663. 312. -16.9 0.0380 0.47 0.19 3.03 212.0 10.0 298.8 2.0 0
0.00 35. 1002. 0 ADJ-A1 NoSubs
17 10 8 281 16 55.0 0.231 1.024 0.020 697. 267. -20.1 0.0340 0.47 0.22 2.84 149.0 10.0 297.0 2.0 0
0.00 43. 1002. 0 ADJ-A1 NoSubs
17 10 8 281 17 12.6 0.201 0.627 0.020 698. 217. -57.9 0.0370 0.47 0.33 2.61 152.0 10.0 293.1 2.0 0
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17 10 8 281 18 -12.6 0.148 -9.000 -9.000 -999. 137. 24.1 0.0230 0.47 0.68 2.44 190.0 10.0 288.1 2.0 0
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17 10 8 281 19 -14.0 0.155 -9.000 -9.000 -999. 147. 26.5 0.0230 0.47 1.00 2.55 194.0 10.0 285.9 2.0 0
0.00 92. 1002. 0 ADJ-A1 NoSubs
17 10 8 281 20 -8.3 0.121 -9.000 -9.000 -999. 101. 18.9 0.0380 0.47 1.00 1.86 215.0 10.0 285.9 2.0 0
0.00 89. 1003. 0 ADJ-A1 NoSubs
17 10 8 281 21 -6.7 0.107 -9.000 -9.000 -999. 84. 16.3 0.0290 0.47 1.00 1.74 245.0 10.0 285.4 2.0 0
0.00 82. 1003. 0 ADJ-A1 NoSubs
17 10 8 281 22 -6.7 0.107 -9.000 -9.000 -999. 84. 16.3 0.0290 0.47 1.00 1.74 245.0 10.0 285.9 2.0 0
0.00 71. 1003. 0 ADJ-A1 NoSubs
17 10 8 281 23 -5.3 0.095 -9.000 -9.000 -999. 70. 14.4 0.0290 0.47 1.00 1.55 254.0 10.0 284.9 2.0 0
0.00 71. 1004. 0 ADJ-A1 NoSubs
17 10 8 281 24 -11.4 0.141 -9.000 -9.000 -999. 127. 22.1 0.0330 0.47 1.00 2.20 314.0 10.0 285.4 2.0 0
0.00 56. 1003. 0 ADJ-A1 NoSubs
17 10 9 282 1 -7.8 0.116 -9.000 -9.000 -999. 95. 17.9 0.0330 0.47 1.00 1.84 306.0 10.0 284.9 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
17 10 9 282 2 -7.8 0.116 -9.000 -9.000 -999. 95. 17.9 0.0330 0.47 1.00 1.84 300.0 10.0 283.8 2.0 0
0.00 60. 1004. 0 ADJ-A1 NoSubs
17 10 9 282 3 -11.4 0.141 -9.000 -9.000 -999. 127. 22.0 0.0330 0.47 1.00 2.20 307.0 10.0 282.5 2.0 0
0.00 63. 1004. 0 ADJ-A1 NoSubs
17 10 9 282 4 -9.2 0.127 -9.000 -9.000 -999. 108. 19.6 0.0330 0.47 1.00 1.99 311.0 10.0 284.2 2.0 0
0.00 49. 1004. 0 ADJ-A1 NoSubs
17 10 9 282 5 -6.7 0.106 -9.000 -9.000 -999. 83. 16.0 0.0260 0.47 1.00 1.76 286.0 10.0 283.1 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
17 10 9 282 6 -11.6 0.142 -9.000 -9.000 -999. 129. 22.3 0.0330 0.47 1.00 2.22 302.0 10.0 283.1 2.0 0
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17 10 9 282 7 -9.7 0.135 -9.000 -9.000 -999. 119. 22.6 0.0330 0.47 0.58 2.10 304.0 10.0 284.9 2.0 0
0.00 46. 1006. 0 ADJ-A1 NoSubs
17 10 9 282 8 19.0 0.096 0.421 0.005 141. 71. -4.2 0.0310 0.47 0.30 1.01 28.0 10.0 289.9 2.0 0
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17 10 9 282 9 60.6 0.163 1.147 0.022 894. 158. -6.4 0.0290 0.47 0.21 1.84 86.0 10.0 294.9 2.0 0
0.00 22. 1007. 0 ADJ-A1 NoSubs
17 10 9 282 10 93.4 0.187 1.370 0.023 990. 194. -6.3 0.0290 0.47 0.19 2.11 61.0 10.0 297.0 2.0 0
0.00 14. 1007. 0 ADJ-A1 NoSubs
17 10 9 282 11 115.7 0.200 1.484 0.022 1017. 214. -6.2 0.0370 0.47 0.18 2.13 153.0 10.0 298.8 2.0 0

0.00 12. 1008. 0 ADJ-A1 NoSubs
17 10 9 282 12 125.4 0.318 1.538 0.022 1044. 429. -22.9 0.0380 0.47 0.18 3.85 212.0 10.0 297.0 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
17 10 9 282 13 123.4 0.368 1.543 0.021 1070. 535. -36.2 0.0380 0.47 0.18 4.61 239.0 10.0 294.9 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
17 10 9 282 14 111.0 0.314 1.500 0.021 1094. 425. -25.1 0.0290 0.47 0.18 4.05 249.0 10.0 295.4 2.0 0
0.00 40. 1008. 0 ADJ-A1 NoSubs
17 10 9 282 15 87.2 0.319 1.392 0.020 1112. 432. -33.4 0.0290 0.47 0.19 4.19 254.0 10.0 295.4 2.0 0
0.00 37. 1008. 0 ADJ-A1 NoSubs
17 10 9 282 16 53.6 0.247 1.188 0.020 1123. 296. -25.2 0.0290 0.47 0.22 3.18 246.0 10.0 296.4 2.0 0
0.00 27. 1007. 0 ADJ-A1 NoSubs
17 10 9 282 17 11.1 0.271 0.704 0.020 1123. 338. -159.8 0.0380 0.47 0.33 3.64 221.0 10.0 292.0 2.0 0
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17 10 9 282 18 -4.3 0.087 -9.000 -9.000 -999. 105. 13.7 0.0380 0.47 0.69 1.35 239.0 10.0 289.9 2.0 0
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17 10 9 282 19 -3.3 0.076 -9.000 -9.000 -999. 50. 11.7 0.0260 0.47 1.00 1.23 270.0 10.0 289.2 2.0 0
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17 10 9 282 20 -5.6 0.098 -9.000 -9.000 -999. 74. 15.1 0.0330 0.47 1.00 1.57 304.0 10.0 288.1 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
17 10 9 282 21 -8.8 0.123 -9.000 -9.000 -999. 104. 19.2 0.0330 0.47 1.00 1.94 312.0 10.0 287.0 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
17 10 9 282 22 -7.2 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.47 1.00 1.76 309.0 10.0 285.4 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
17 10 9 282 23 -8.5 0.121 -9.000 -9.000 -999. 101. 18.8 0.0330 0.47 1.00 1.91 321.0 10.0 285.9 2.0 0
0.00 73. 1008. 0 ADJ-A1 NoSubs
17 10 9 282 24 -9.9 0.131 -9.000 -9.000 -999. 114. 20.5 0.0330 0.47 1.00 2.06 314.0 10.0 285.4 2.0 0
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17 10 10 283 1 -15.7 0.166 -9.000 -9.000 -999. 163. 30.4 0.0330 0.47 1.00 2.56 317.0 10.0 284.9 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
17 10 10 283 2 -13.7 0.155 -9.000 -9.000 -999. 147. 26.4 0.0330 0.47 1.00 2.40 304.0 10.0 284.2 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
17 10 10 283 3 -12.3 0.145 -9.000 -9.000 -999. 133. 23.2 0.0260 0.47 1.00 2.35 299.0 10.0 283.8 2.0 0
0.00 85. 1007. 0 ADJ-A1 NoSubs
17 10 10 283 4 -8.7 0.122 -9.000 -9.000 -999. 103. 18.9 0.0330 0.47 1.00 1.93 313.0 10.0 283.1 2.0 0
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17 10 10 283 5 -5.8 0.100 -9.000 -9.000 -999. 75. 15.2 0.0330 0.47 1.00 1.59 315.0 10.0 282.5 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
17 10 10 283 6 -5.7 0.097 -9.000 -9.000 -999. 73. 14.6 0.0260 0.47 1.00 1.62 290.0 10.0 282.5 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
17 10 10 283 7 -5.7 0.101 -9.000 -9.000 -999. 77. 16.2 0.0290 0.47 0.59 1.64 263.0 10.0 283.8 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
17 10 10 283 8 17.9 0.150 0.355 0.012 89. 139. -16.9 0.0330 0.47 0.30 1.82 316.0 10.0 288.8 2.0 0
0.00 48. 1008. 0 ADJ-A1 NoSubs
17 10 10 283 9 58.9 0.136 0.660 0.011 176. 120. -3.8 0.0300 0.47 0.22 1.42 109.0 10.0 292.0 2.0 0
0.00 39. 1008. 0 ADJ-A1 NoSubs
17 10 10 283 10 92.3 0.128 0.883 0.009 268. 110. -2.1 0.0370 0.47 0.19 1.16 156.0 10.0 296.4 2.0 0
0.00 26. 1008. 0 ADJ-A1 NoSubs
17 10 10 283 11 114.3 0.304 1.106 0.008 426. 402. -22.0 0.0370 0.47 0.18 3.69 179.0 10.0 297.5 2.0 0
0.00 22. 1008. 0 ADJ-A1 NoSubs
17 10 10 283 12 123.6 0.356 1.241 0.007 557. 509. -32.7 0.0380 0.47 0.18 4.43 210.0 10.0 294.9 2.0 0
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17 10 10 283 13 122.4 0.293 1.312 0.007 664. 382. -18.4 0.0230 0.47 0.18 3.85 187.0 10.0 294.9 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
17 10 10 283 14 108.7 0.346 1.303 0.006 732. 488. -34.2 0.0380 0.47 0.18 4.32 214.0 10.0 291.4 2.0 0

0.00 60. 1007. 0 ADJ-A1 NoSubs
17 10 10 283 15 84.6 0.299 1.225 0.006 781. 393. -28.3 0.0380 0.47 0.19 3.68 217.0 10.0 290.4 2.0 0
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17 10 10 283 16 50.3 0.255 1.042 0.006 809. 309. -29.5 0.0380 0.47 0.23 3.15 214.0 10.0 289.2 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
17 10 10 283 17 8.6 0.244 0.578 0.006 809. 290. -153.1 0.0370 0.47 0.34 3.30 179.0 10.0 285.9 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
17 10 10 283 18 -7.1 0.109 -9.000 -9.000 -999. 100. 16.4 0.0230 0.47 0.71 1.84 196.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 10 10 283 19 -2.1 0.063 -9.000 -9.000 -999. 39. 11.0 0.0230 0.47 1.00 0.92 189.0 10.0 284.9 2.0 0
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17 10 10 283 20 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.47 1.00 1.74 215.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 10 10 283 21 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0290 0.47 1.00 1.52 253.0 10.0 284.9 2.0 0
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17 10 10 283 22 -2.0 0.064 -9.000 -9.000 -999. 39. 11.6 0.0310 0.47 1.00 0.87 14.0 10.0 284.9 2.0 0
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17 10 10 283 23 -2.7 0.070 -9.000 -9.000 -999. 44. 11.6 0.0340 0.47 1.00 1.03 124.0 10.0 285.4 2.0 0
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17 10 10 283 24 -15.1 0.161 -9.000 -9.000 -999. 155. 28.5 0.0230 0.47 1.00 2.64 181.0 10.0 284.2 2.0 0
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17 10 11 284 1 -10.8 0.138 -9.000 -9.000 -999. 123. 21.7 0.0370 0.47 1.00 2.11 169.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 10 11 284 2 -4.8 0.090 -9.000 -9.000 -999. 66. 13.7 0.0300 0.47 1.00 1.47 117.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 10 11 284 3 -4.9 0.091 -9.000 -9.000 -999. 66. 14.0 0.0340 0.47 1.00 1.45 123.0 10.0 284.2 2.0 0
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17 10 11 284 4 -4.6 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.47 1.00 1.40 128.0 10.0 284.2 2.0 0
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17 10 11 284 5 -6.2 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.47 1.00 1.72 180.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 10 11 284 6 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0290 0.47 1.00 1.37 248.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 10 11 284 7 -2.6 0.069 -9.000 -9.000 -999. 43. 11.4 0.0290 0.47 0.60 1.06 243.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 10 11 284 8 2.2 0.072 0.157 0.014 63. 47. -15.2 0.0330 0.47 0.31 0.87 304.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 10 11 284 9 12.3 0.129 0.404 0.017 192. 111. -15.7 0.0290 0.47 0.22 1.60 66.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 10 11 284 10 74.7 0.132 0.939 0.019 399. 115. -2.8 0.0290 0.47 0.19 1.33 86.0 10.0 287.0 2.0 0
0.00 83. 1010. 7 ADJ-A1 NoSubs
17 10 11 284 11 110.8 0.158 1.091 0.017 423. 150. -3.2 0.0230 0.47 0.18 1.71 207.0 10.0 289.2 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
17 10 11 284 12 121.5 0.252 1.143 0.015 443. 303. -11.8 0.0370 0.47 0.18 2.88 174.0 10.0 290.9 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
17 10 11 284 13 120.4 0.263 1.166 0.013 474. 324. -13.6 0.0230 0.47 0.18 3.37 195.0 10.0 291.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
17 10 11 284 14 107.8 0.264 1.148 0.011 506. 325. -15.3 0.0370 0.47 0.18 3.10 177.0 10.0 292.0 2.0 0
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17 10 11 284 15 84.3 0.245 1.078 0.010 535. 292. -15.7 0.0370 0.47 0.19 2.89 164.0 10.0 293.1 2.0 0
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17 10 11 284 16 50.2 0.174 0.921 0.009 559. 175. -9.4 0.0340 0.47 0.23 1.98 132.0 10.0 293.1 2.0 0
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17 10 11 284 18 -13.6 0.153 -9.000 -9.000 -999. 144. 25.8 0.0230 0.47 0.72 2.52 189.0 10.0 288.1 2.0 0
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17 10 11 284 19 -15.7 0.164 -9.000 -9.000 -999. 160. 29.7 0.0230 0.47 1.00 2.69 203.0 10.0 285.9 2.0 0
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17 10 11 284 20 -8.5 0.121 -9.000 -9.000 -999. 102. 19.0 0.0380 0.47 1.00 1.87 238.0 10.0 285.4 2.0 0
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17 10 11 284 21 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0290 0.47 1.00 1.59 254.0 10.0 284.2 2.0 0
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17 10 11 284 22 -5.9 0.100 -9.000 -9.000 -999. 75. 15.2 0.0330 0.47 1.00 1.59 306.0 10.0 282.5 2.0 0
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17 10 12 285 1 -14.0 0.156 -9.000 -9.000 -999. 148. 26.9 0.0330 0.47 1.00 2.42 315.0 10.0 281.4 2.0 0
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17 10 12 285 2 -12.1 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.47 1.00 2.25 301.0 10.0 281.4 2.0 0
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17 10 12 285 3 -9.6 0.128 -9.000 -9.000 -999. 110. 19.7 0.0330 0.47 1.00 2.01 323.0 10.0 279.9 2.0 0
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17 10 12 285 4 -8.4 0.120 -9.000 -9.000 -999. 99. 18.3 0.0330 0.47 1.00 1.89 319.0 10.0 280.4 2.0 0
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17 10 12 285 5 -8.0 0.116 -9.000 -9.000 -999. 95. 17.8 0.0330 0.47 1.00 1.84 313.0 10.0 279.9 2.0 0
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17 10 12 285 6 -14.7 0.160 -9.000 -9.000 -999. 153. 28.1 0.0330 0.47 1.00 2.47 320.0 10.0 279.2 2.0 0
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17 10 12 285 7 -7.1 0.112 -9.000 -9.000 -999. 90. 17.9 0.0330 0.47 0.61 1.77 314.0 10.0 280.4 2.0 0
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17 10 12 285 8 15.5 0.089 0.322 0.007 78. 64. -4.2 0.0310 0.47 0.31 0.94 22.0 10.0 284.2 2.0 0
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17 10 12 285 9 56.1 0.118 0.649 0.005 176. 97. -2.7 0.0340 0.47 0.22 1.14 135.0 10.0 287.5 2.0 0
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17 10 12 285 10 88.7 0.168 1.031 0.007 447. 165. -4.8 0.0340 0.47 0.19 1.76 120.0 10.0 290.4 2.0 0
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17 10 12 285 11 110.9 0.155 1.284 0.008 689. 147. -3.1 0.0370 0.47 0.18 1.50 160.0 10.0 293.1 2.0 0
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17 10 12 285 12 121.5 0.340 1.351 0.006 733. 476. -29.2 0.0380 0.47 0.18 4.20 213.0 10.0 294.2 2.0 0
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17 10 12 285 13 120.0 0.344 1.370 0.005 774. 485. -30.7 0.0380 0.47 0.18 4.27 214.0 10.0 293.8 2.0 0
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17 10 12 285 14 107.6 0.318 1.342 0.005 811. 430. -26.9 0.0380 0.47 0.18 3.90 231.0 10.0 294.9 2.0 0
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17 10 12 285 15 83.5 0.284 1.265 0.005 874. 365. -24.8 0.0380 0.47 0.19 3.47 216.0 10.0 294.2 2.0 0
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17 10 12 285 16 49.4 0.248 1.079 0.005 917. 297. -27.8 0.0380 0.47 0.23 3.05 210.0 10.0 294.2 2.0 0
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17 10 12 285 17 8.1 0.173 0.591 0.005 920. 175. -58.3 0.0370 0.47 0.35 2.25 164.0 10.0 292.5 2.0 0
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17 10 12 285 20 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.47 1.00 1.59 238.0 10.0 284.9 2.0 0

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17 10 12 285 21 -5.2 0.094 -9.000 -9.000 -999. 69. 14.1 0.0290 0.47 1.00 1.53 264.0 10.0 283.8 2.0 0
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17 10 12 285 22 -10.2 0.133 -9.000 -9.000 -999. 116. 20.6 0.0330 0.47 1.00 2.08 310.0 10.0 282.5 2.0 0
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17 10 12 285 23 -11.9 0.143 -9.000 -9.000 -999. 130. 22.5 0.0330 0.47 1.00 2.23 314.0 10.0 282.0 2.0 0
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17 10 12 285 24 -14.4 0.158 -9.000 -9.000 -999. 151. 27.6 0.0330 0.47 1.00 2.45 314.0 10.0 281.4 2.0 0
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17 10 13 286 1 -11.1 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.47 1.00 2.16 302.0 10.0 280.9 2.0 0
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17 10 13 286 6 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0330 0.47 1.00 1.23 311.0 10.0 278.1 2.0 0
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17 10 13 286 7 -4.6 0.089 -9.000 -9.000 -999. 64. 14.1 0.0330 0.47 0.61 1.43 325.0 10.0 278.8 2.0 0
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17 10 13 286 9 55.0 0.128 0.651 0.015 181. 109. -3.4 0.0340 0.47 0.22 1.28 123.0 10.0 286.4 2.0 0
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17 10 13 286 11 109.8 0.141 1.046 0.010 377. 127. -2.3 0.0340 0.47 0.18 1.33 140.0 10.0 292.5 2.0 0
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0.00 22. 1012. 0 ADJ-A1 NoSubs
17 10 13 286 14 107.1 0.289 1.147 0.005 509. 372. -20.3 0.0380 0.47 0.18 3.46 216.0 10.0 296.4 2.0 0
0.00 23. 1012. 0 ADJ-A1 NoSubs
17 10 13 286 15 83.1 0.269 1.081 0.005 549. 335. -21.1 0.0290 0.47 0.19 3.42 244.0 10.0 296.4 2.0 0
0.00 21. 1012. 0 ADJ-A1 NoSubs
17 10 13 286 16 49.0 0.199 0.926 0.005 584. 215. -14.5 0.0290 0.47 0.23 2.45 242.0 10.0 296.4 2.0 0
0.00 23. 1011. 0 ADJ-A1 NoSubs
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17 10 13 286 20 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.47 1.00 1.59 234.0 10.0 285.4 2.0 0
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0.00 67. 1013. 0 ADJ-A1 NoSubs
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0.00 79. 1013. 0 ADJ-A1 NoSubs
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0.00 85. 1013. 0 ADJ-A1 NoSubs
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17 10 14 287 11 110.3 0.271 -9.000 -9.000 -999. 339. -16.3 0.0290 0.47 0.18 3.37 79.0 10.0 297.0 2.0 0
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0 0.00 17. 1013. 0 ADJ-A1 NoSubs
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0 0.00 16. 1012. 0 ADJ-A1 NoSubs
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17 10 14 287 18 -8.9 0.125 -9.000 -9.000 -999. 109. 19.6 0.0310 0.47 1.00 1.98 27.0 10.0 295.4 2.0 0
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17 10 14 287 19 -16.1 0.170 -9.000 -9.000 -999. 168. 31.7 0.0330 0.47 1.00 2.61 44.0 10.0 293.8 2.0 0
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17 10 14 287 23 -7.3 0.112 -9.000 -9.000 -999. 89. 17.1 0.0310 0.47 1.00 1.79 20.0 10.0 286.4 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
17 10 14 287 24 -10.6 0.136 -9.000 -9.000 -999. 121. 21.6 0.0380 0.47 1.00 2.08 347.0 10.0 285.4 2.0 0
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17 10 15 288 1 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.47 1.00 1.59 351.0 10.0 284.9 2.0 0
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0.00 44. 1012. 0 ADJ-A1 NoSubs
17 10 15 288 3 -5.1 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.47 1.00 1.48 325.0 10.0 284.2 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
17 10 15 288 4 -5.0 0.092 -9.000 -9.000 -999. 67. 14.0 0.0310 0.47 1.00 1.48 22.0 10.0 285.4 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
17 10 15 288 5 -8.7 0.122 -9.000 -9.000 -999. 103. 18.9 0.0330 0.47 1.00 1.93 55.0 10.0 284.2 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
17 10 15 288 6 -8.7 0.122 -9.000 -9.000 -999. 103. 18.9 0.0330 0.47 1.00 1.93 48.0 10.0 284.2 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
17 10 15 288 7 -10.1 0.135 -9.000 -9.000 -999. 118. 21.7 0.0330 0.47 0.63 2.10 54.0 10.0 284.9 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
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17 10 15 288 9 55.3 0.224 -9.000 -9.000 -999. 254. -18.3 0.0290 0.47 0.22 2.81 77.0 10.0 294.2 2.0 0
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17 10 15 288 10 88.5 0.215 -9.000 -9.000 -999. 239. -10.1 0.0290 0.47 0.19 2.55 86.0 10.0 298.1 2.0 0
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17 10 15 288 11 110.9 0.235 -9.000 -9.000 -999. 273. -10.6 0.0300 0.47 0.18 2.78 96.0 10.0 300.9 2.0 0
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0.00 10. 1012. 0 ADJ-A1 NoSubs
17 10 15 288 14 109.1 0.202 -9.000 -9.000 -999. 218. -6.8 0.0370 0.47 0.18 2.18 168.0 10.0 305.9 2.0 0
0.00 9. 1012. 0 ADJ-A1 NoSubs
17 10 15 288 15 83.4 0.334 -9.000 -9.000 -999. 463. -40.4 0.0380 0.47 0.20 4.22 231.0 10.0 302.5 2.0 0
0.00 12. 1012. 0 ADJ-A1 NoSubs
17 10 15 288 16 48.1 0.268 -9.000 -9.000 -999. 335. -36.1 0.0290 0.47 0.24 3.54 248.0 10.0 299.9 2.0 0
0.00 15. 1012. 0 ADJ-A1 NoSubs
17 10 15 288 17 6.7 0.153 -9.000 -9.000 -999. 151. -48.8 0.0230 0.47 0.36 2.15 206.0 10.0 297.5 2.0 0
0.00 19. 1012. 0 ADJ-A1 NoSubs
17 10 15 288 18 -8.2 0.120 -9.000 -9.000 -999. 100. 18.8 0.0340 0.47 1.00 1.88 125.0 10.0 292.5 2.0 0
0.00 39. 1013. 0 ADJ-A1 NoSubs
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0.00 39. 1013. 0 ADJ-A1 NoSubs
17 10 15 288 20 -15.7 0.167 -9.000 -9.000 -999. 164. 30.7 0.0330 0.47 1.00 2.57 304.0 10.0 290.4 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
17 10 15 288 21 -8.8 0.123 -9.000 -9.000 -999. 104. 19.2 0.0330 0.47 1.00 1.94 310.0 10.0 288.1 2.0 0
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17 10 15 288 22 -10.9 0.138 -9.000 -9.000 -999. 123. 21.7 0.0330 0.47 1.00 2.15 315.0 10.0 288.8 2.0 0
0.00 41. 1014. 0 ADJ-A1 NoSubs
17 10 15 288 23 -10.9 0.138 -9.000 -9.000 -999. 123. 21.7 0.0330 0.47 1.00 2.15 311.0 10.0 288.1 2.0 0
0.00 41. 1014. 0 ADJ-A1 NoSubs
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17 10 16 289 1 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0380 0.47 1.00 1.43 333.0 10.0 286.4 2.0 0
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17 10 16 289 2 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0310 0.47 1.00 1.33 22.0 10.0 287.0 2.0 0
0.00 44. 1014. 0 ADJ-A1 NoSubs
17 10 16 289 3 -4.8 0.090 -9.000 -9.000 -999. 65. 13.7 0.0310 0.47 1.00 1.45 26.0 10.0 287.0 2.0 0
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17 10 16 289 4 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.47 1.00 1.11 360.0 10.0 286.4 2.0 0
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17 10 16 289 5 -6.5 0.105 -9.000 -9.000 -999. 82. 16.0 0.0310 0.47 1.00 1.69 23.0 10.0 284.2 2.0 0

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17 10 16 289 6 -18.5 0.187 -9.000 -9.000 -999. 194. 38.5 0.0330 0.47 1.00 2.86 40.0 10.0 286.4 2.0 0
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17 10 16 289 7 -12.9 0.153 -9.000 -9.000 -999. 143. 25.6 0.0330 0.47 0.64 2.36 30.0 10.0 287.0 2.0 0
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17 10 16 289 8 13.7 -9.000 -9.000 -9.000 54. -999. -99999.0 0.0317 0.47 0.32 0.00 0.0 10.0 290.4 2.0 0
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17 10 16 289 9 55.0 0.157 0.556 0.014 113. 149. -6.4 0.0300 0.47 0.22 1.76 108.0 10.0 295.9 2.0 0
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17 10 16 289 10 88.0 0.236 0.744 0.010 169. 275. -13.5 0.0300 0.47 0.19 2.86 118.0 10.0 299.2 2.0 0
0.00 19. 1014. 0 ADJ-SFC NoSubs
17 10 16 289 11 110.5 0.245 0.938 0.010 270. 291. -12.0 0.0340 0.47 0.18 2.86 129.0 10.0 302.0 2.0 0
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17 10 16 289 12 121.9 0.211 1.088 0.010 382. 233. -7.0 0.0317 0.47 0.18 2.36 999.0 10.0 304.9 2.0 0
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17 10 16 289 13 121.2 0.260 1.182 0.008 491. 318. -13.1 0.0340 0.47 0.18 3.06 128.0 10.0 306.4 2.0 0
0.00 7. 1012. 0 ADJ-A1 NoSubs
17 10 16 289 14 107.1 0.306 1.237 0.008 638. 405. -24.0 0.0370 0.47 0.18 3.74 167.0 10.0 304.2 2.0 0
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17 10 16 289 15 81.8 0.305 1.155 0.007 681. 403. -31.2 0.0380 0.47 0.20 3.78 224.0 10.0 301.4 2.0 0
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17 10 16 289 16 47.2 0.218 0.973 0.007 704. 248. -19.8 0.0380 0.47 0.24 2.61 231.0 10.0 300.4 2.0 0
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17 10 16 289 17 5.3 0.147 0.468 0.007 702. 137. -54.8 0.0230 0.47 0.37 2.08 188.0 10.0 296.4 2.0 0
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17 10 16 289 18 -4.2 0.085 -9.000 -9.000 -999. 61. 13.3 0.0340 0.47 1.00 1.35 144.0 10.0 293.1 2.0 0
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17 10 16 289 19 -2.3 0.066 -9.000 -9.000 -999. 41. 11.1 0.0260 0.47 1.00 0.99 289.0 10.0 291.4 2.0 0
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17 10 16 289 20 -10.6 0.136 -9.000 -9.000 -999. 121. 21.5 0.0330 0.47 1.00 2.13 310.0 10.0 289.9 2.0 0
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17 10 16 289 21 -16.3 0.170 -9.000 -9.000 -999. 169. 32.0 0.0330 0.47 1.00 2.62 302.0 10.0 290.4 2.0 0
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17 10 16 289 22 -9.2 0.126 -9.000 -9.000 -999. 108. 19.7 0.0330 0.47 1.00 1.98 314.0 10.0 288.1 2.0 0
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17 10 16 289 23 -10.2 0.133 -9.000 -9.000 -999. 116. 20.8 0.0330 0.47 1.00 2.08 315.0 10.0 287.5 2.0 0
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17 10 16 289 24 -10.9 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.47 1.00 2.15 317.0 10.0 287.0 2.0 0
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17 10 17 290 1 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0330 0.47 1.00 1.54 314.0 10.0 288.1 2.0 0
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17 10 17 290 2 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0330 0.47 1.00 1.47 318.0 10.0 287.0 2.0 0
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17 10 17 290 3 -5.5 0.095 -9.000 -9.000 -999. 71. 14.3 0.0260 0.47 1.00 1.59 297.0 10.0 285.4 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 4 -9.3 0.126 -9.000 -9.000 -999. 107. 19.2 0.0260 0.47 1.00 2.06 294.0 10.0 285.4 2.0 0
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17 10 17 290 5 -9.8 0.130 -9.000 -9.000 -999. 113. 20.3 0.0330 0.47 1.00 2.04 319.0 10.0 285.4 2.0 0
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17 10 17 290 6 -6.1 0.101 -9.000 -9.000 -999. 78. 15.5 0.0330 0.47 1.00 1.62 327.0 10.0 284.9 2.0 0
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17 10 17 290 8 12.6 0.102 0.266 0.020 54. 78. -7.5 0.0330 0.47 0.32 1.14 53.0 10.0 289.2 2.0 0

0.00 37. 1013. 0 ADJ-A1 NoSubs
17 10 17 290 9 53.0 0.144 0.562 0.016 121. 131. -5.1 0.0340 0.47 0.22 1.52 131.0 10.0 292.5 2.0 0
0.00 31. 1014. 0 ADJ-A1 NoSubs
17 10 17 290 10 86.0 0.148 0.791 0.013 208. 136. -3.4 0.0370 0.47 0.19 1.45 160.0 10.0 296.4 2.0 0
0.00 24. 1014. 0 ADJ-A1 NoSubs
17 10 17 290 11 107.9 0.224 0.959 0.009 296. 254. -9.4 0.0370 0.47 0.18 2.50 176.0 10.0 298.1 2.0 0
0.00 16. 1013. 0 ADJ-A1 NoSubs
17 10 17 290 12 117.3 0.294 1.044 0.005 351. 383. -19.7 0.0380 0.47 0.18 3.52 229.0 10.0 296.4 2.0 0
0.00 21. 1013. 0 ADJ-A1 NoSubs
17 10 17 290 13 115.6 0.278 1.080 0.005 393. 351. -16.7 0.0380 0.47 0.18 3.27 234.0 10.0 295.9 2.0 0
0.00 22. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 14 102.6 0.200 1.128 0.005 505. 217. -7.1 0.0230 0.47 0.18 2.40 209.0 10.0 295.9 2.0 0
0.00 24. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 15 77.9 0.248 1.130 0.005 668. 296. -17.6 0.0370 0.47 0.20 2.95 179.0 10.0 294.2 2.0 0
0.00 28. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 16 43.6 0.207 0.977 0.005 772. 226. -18.3 0.0370 0.47 0.24 2.47 163.0 10.0 293.8 2.0 0
0.00 41. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 17 2.0 0.202 0.346 0.005 748. 218. -371.2 0.0370 0.47 0.38 2.78 178.0 10.0 288.8 2.0 0
0.00 79. 1012. 0 ADJ-A1 Sub_CC
17 10 17 290 18 -10.8 0.136 -9.000 -9.000 -999. 121. 20.7 0.0230 0.47 1.00 2.25 185.0 10.0 286.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 19 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0290 0.47 1.00 1.48 63.0 10.0 287.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 20 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0260 0.47 1.00 1.31 277.0 10.0 285.9 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 21 -4.9 0.089 -9.000 -9.000 -999. 64. 13.3 0.0230 0.47 1.00 1.52 186.0 10.0 284.2 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 22 -3.9 0.081 -9.000 -9.000 -999. 55. 12.2 0.0260 0.47 1.00 1.33 286.0 10.0 284.2 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
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0.00 89. 1012. 0 ADJ-A1 NoSubs
17 10 17 290 24 -5.4 0.096 -9.000 -9.000 -999. 71. 14.6 0.0330 0.47 1.00 1.53 312.0 10.0 283.8 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
17 10 18 291 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0330 0.47 1.00 1.04 300.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 10 18 291 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0330 0.47 1.00 1.06 301.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 10 18 291 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0260 0.47 1.00 1.45 279.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 10 18 291 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.47 1.00 1.13 236.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 10 18 291 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.47 1.00 1.28 338.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 10 18 291 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0330 0.47 1.00 1.31 317.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 10 18 291 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0310 0.47 0.66 1.18 18.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 10 18 291 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0230 0.47 0.33 1.14 202.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 10 18 291 9 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0290 0.47 0.22 1.21 250.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 10 18 291 10 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.19 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 10 18 291 11 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.18 999.00 999.0 -9.0 999.0 -9.0

9999 -9.00 999. 1007. 99 NAD NoSubs
17 10 18 291 12 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.18 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 10 18 291 13 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.18 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 10 18 291 14 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.18 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 10 18 291 15 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.20 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 10 18 291 16 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.24 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 10 18 291 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0370 0.47 0.38 2.98 159.0 10.0 284.2 2.0
0 0.00 100. 1011. 99 ADJ-A1 NoSubs
17 10 18 291 18 -15.1 0.163 -9.000 -9.000 -999. 158. 29.2 0.0340 0.47 1.00 2.50 123.0 10.0 284.2 2.0 0
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17 10 18 291 19 -17.0 0.172 -9.000 -9.000 -999. 172. 32.6 0.0300 0.47 1.00 2.69 99.0 10.0 284.2 2.0 0
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17 10 18 291 20 -11.4 0.140 -9.000 -9.000 -999. 126. 21.8 0.0300 0.47 1.00 2.22 98.0 10.0 284.2 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 10 18 291 21 -3.4 0.077 -9.000 -9.000 -999. 52. 11.9 0.0290 0.47 1.00 1.23 76.0 10.0 284.2 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 10 18 291 22 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0330 0.47 1.00 1.48 35.0 10.0 283.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 10 18 291 23 -2.1 0.066 -9.000 -9.000 -999. 40. 12.0 0.0380 0.47 1.00 0.87 346.0 10.0 283.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 10 18 291 24 -5.2 0.094 -9.000 -9.000 -999. 69. 14.1 0.0290 0.47 1.00 1.53 269.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 10 19 292 1 -4.0 0.082 -9.000 -9.000 -999. 56. 12.5 0.0290 0.47 1.00 1.33 62.0 10.0 283.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 10 19 292 2 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.47 1.00 1.11 233.0 10.0 283.1 2.0 0
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17 10 19 292 3 -6.5 0.105 -9.000 -9.000 -999. 82. 15.9 0.0290 0.47 1.00 1.71 79.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
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0.00 100. 1011. 10 ADJ-A1 NoSubs
17 10 19 292 5 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.47 1.00 1.59 352.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 10 19 292 6 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.47 1.00 1.38 326.0 10.0 283.1 2.0 0
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17 10 19 292 7 -5.5 0.096 -9.000 -9.000 -999. 71. 14.6 0.0260 0.47 0.67 1.60 293.0 10.0 282.5 2.0 0
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17 10 19 292 8 0.6 0.085 0.182 0.012 388. 60. -99.6 0.0330 0.47 0.33 1.16 308.0 10.0 284.2 2.0 0
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17 10 19 292 12 26.9 0.260 0.769 0.024 610. 318. -58.8 0.0230 0.47 0.18 3.68 209.0 10.0 288.1 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
17 10 19 292 13 114.4 0.261 1.331 0.024 743. 320. -14.0 0.0230 0.47 0.18 3.35 198.0 10.0 289.9 2.0 0
0.00 69. 1009. 2 ADJ-A1 NoSubs
17 10 19 292 14 101.3 0.358 1.302 0.023 785. 515. -40.9 0.0380 0.47 0.18 4.53 217.0 10.0 289.9 2.0 0

0.00 72. 1009. 2 ADJ-A1 NoSubs
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0.00 74. 1009. 2 ADJ-A1 NoSubs
17 10 19 292 16 37.2 0.309 0.939 0.022 800. 413. -71.3 0.0380 0.47 0.24 4.03 214.0 10.0 289.9 2.0 0
0.00 77. 1009. 7 ADJ-A1 NoSubs
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11 1.80 999. 1008. 10 ADJ-A1 NoSubs
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17 10 20 293 3 -20.1 0.203 -9.000 -9.000 -999. 219. 45.2 0.0380 0.47 1.00 3.01 216.0 10.0 285.4 2.0 0
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17 10 20 293 5 -8.6 0.121 -9.000 -9.000 -999. 101. 18.6 0.0300 0.47 1.00 1.94 90.0 10.0 284.2 2.0 0
0.00 999. 1012. 0 ADJ-A1 NoSubs
17 10 20 293 6 -4.9 0.089 -9.000 -9.000 -999. 64. 13.3 0.0230 0.47 1.00 1.52 195.0 10.0 283.1 2.0 0
0.00 999. 1012. 0 ADJ-A1 NoSubs
17 10 20 293 7 -7.6 0.114 -9.000 -9.000 -999. 93. 17.8 0.0330 0.47 0.68 1.81 312.0 10.0 283.1 2.0 0
0.00 999. 1013. 0 ADJ-A1 NoSubs
17 10 20 293 8 9.5 0.144 0.360 0.005 176. 131. -28.2 0.0260 0.47 0.33 1.91 287.0 10.0 285.9 2.0 0
0.00 999. 1013. 0 ADJ-A1 NoSubs
17 10 20 293 9 48.9 0.172 0.841 0.005 440. 172. -9.5 0.0290 0.47 0.23 2.03 247.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 10 20 293 10 81.3 0.145 1.078 0.005 557. 132. -3.4 0.0340 0.47 0.19 1.45 145.0 10.0 288.8 2.0 0
0.00 92. 1014. 5 ADJ-A1 NoSubs
17 10 20 293 11 102.1 0.352 1.312 0.005 802. 502. -38.8 0.0380 0.47 0.18 4.44 237.0 10.0 288.8 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
17 10 20 293 12 115.3 0.364 1.461 0.005 979. 528. -37.9 0.0290 0.47 0.18 4.83 241.0 10.0 290.4 2.0 0
0.00 64. 1014. 3 ADJ-A1 NoSubs
17 10 20 293 13 109.2 0.414 1.491 0.005 1098. 639. -58.6 0.0380 0.47 0.18 5.34 239.0 10.0 290.9 2.0
0 0.00 62. 1013. 5 ADJ-A1 NoSubs
17 10 20 293 14 82.1 0.444 1.389 0.005 1181. 710. -96.4 0.0380 0.47 0.18 5.87 235.0 10.0 291.4 2.0 0
0.00 55. 1013. 7 ADJ-A1 NoSubs
17 10 20 293 15 74.3 0.379 1.368 0.005 1247. 563. -66.1 0.0380 0.47 0.20 4.92 224.0 10.0 289.9 2.0 0
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17 10 20 293 16 8.9 0.324 0.677 0.005 1256. 445. -345.9 0.0380 0.47 0.25 4.44 226.0 10.0 290.4 2.0 0
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17 10 20 293 17 -0.6 0.208 -9.000 -9.000 -999. 235. 1381.5 0.0330 0.47 0.39 2.98 300.0 10.0 289.9 2.0

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17 10 20 293 20 -13.7 0.153 -9.000 -9.000 -999. 147. 25.8 0.0260 0.47 1.00 2.47 292.0 10.0 285.9 2.0 0
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17 10 20 293 21 -3.4 0.077 -9.000 -9.000 -999. 53. 12.0 0.0310 0.47 1.00 1.21 7.0 10.0 284.2 2.0 0
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17 10 20 293 22 -10.0 0.131 -9.000 -9.000 -999. 114. 20.6 0.0380 0.47 1.00 2.01 330.0 10.0 282.5 2.0 0
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17 10 20 293 23 -8.6 0.121 -9.000 -9.000 -999. 101. 18.7 0.0330 0.47 1.00 1.91 313.0 10.0 282.5 2.0 0
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17 10 20 293 24 -9.4 0.126 -9.000 -9.000 -999. 108. 19.6 0.0330 0.47 1.00 1.99 317.0 10.0 282.0 2.0 0
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17 10 21 294 1 -13.9 0.155 -9.000 -9.000 -999. 146. 26.4 0.0330 0.47 1.00 2.40 307.0 10.0 281.4 2.0 0
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17 10 21 294 2 -17.9 0.177 -9.000 -9.000 -999. 178. 34.3 0.0330 0.47 1.00 2.71 302.0 10.0 280.9 2.0 0
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17 10 21 294 3 -13.1 0.150 -9.000 -9.000 -999. 140. 24.8 0.0330 0.47 1.00 2.33 309.0 10.0 280.9 2.0 0
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17 10 21 294 4 -15.4 0.163 -9.000 -9.000 -999. 158. 29.3 0.0330 0.47 1.00 2.52 310.0 10.0 280.4 2.0 0
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17 10 21 294 5 -6.9 0.107 -9.000 -9.000 -999. 85. 16.4 0.0330 0.47 1.00 1.71 314.0 10.0 280.4 2.0 0
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17 10 21 294 6 -8.9 0.123 -9.000 -9.000 -999. 104. 18.9 0.0330 0.47 1.00 1.94 316.0 10.0 279.9 2.0 0
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17 10 21 294 7 -9.4 0.127 -9.000 -9.000 -999. 108. 19.7 0.0330 0.47 0.69 1.99 314.0 10.0 280.4 2.0 0
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17 10 21 294 8 8.3 0.106 0.243 0.005 63. 83. -13.1 0.0310 0.47 0.34 1.28 1.0 10.0 283.8 2.0 0
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17 10 21 294 9 47.8 0.133 0.615 0.005 177. 116. -4.4 0.0300 0.47 0.23 1.42 93.0 10.0 285.9 2.0 0
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17 10 21 294 10 80.0 0.157 1.056 0.008 535. 149. -4.4 0.0370 0.47 0.19 1.59 156.0 10.0 288.8 2.0 0
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17 10 21 294 11 101.7 0.185 1.237 0.008 676. 192. -5.7 0.0340 0.47 0.18 1.99 142.0 10.0 290.9 2.0 0
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17 10 21 294 12 111.4 0.320 1.316 0.007 744. 435. -26.8 0.0380 0.47 0.18 3.93 218.0 10.0 290.4 2.0 0
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17 10 21 294 13 110.6 0.194 1.350 0.007 809. 214. -6.0 0.0230 0.47 0.18 2.28 206.0 10.0 293.1 2.0 0
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17 10 21 294 14 97.3 0.271 1.322 0.006 862. 338. -18.5 0.0230 0.47 0.18 3.56 202.0 10.0 292.5 2.0 0
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17 10 21 294 15 73.3 0.305 1.221 0.006 902. 403. -35.0 0.0380 0.47 0.20 3.81 236.0 10.0 293.1 2.0 0
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17 10 22 295 12 112.5 0.178 1.210 0.005 574. 180. -4.6 0.0230 0.47 0.18 2.03 192.0 10.0 297.0 2.0 0
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17 10 22 295 13 111.0 0.309 1.294 0.005 710. 412. -24.1 0.0380 0.47 0.18 3.76 215.0 10.0 297.5 2.0 0
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17 10 22 295 14 97.9 0.302 1.298 0.005 812. 398. -25.5 0.0380 0.47 0.19 3.69 234.0 10.0 297.5 2.0 0
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17 10 22 295 15 73.9 0.240 1.225 0.006 905. 283. -16.9 0.0380 0.47 0.20 2.83 227.0 10.0 298.1 2.0 0
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17 10 22 295 16 39.8 0.171 1.016 0.008 957. 172. -11.5 0.0230 0.47 0.25 2.16 205.0 10.0 298.1 2.0 0
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0.00 62. 1018. 0 ADJ-A1 NoSubs
17 10 22 295 21 -31.9 0.326 -9.000 -9.000 -999. 448. 117.2 0.0330 0.47 1.00 4.87 55.0 10.0 291.4 2.0 0
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0.00 92. 1017. 0 ADJ-A1 NoSubs
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0.00 92. 1017. 0 ADJ-A1 NoSubs
17 10 23 296 5 -9.4 0.128 -9.000 -9.000 -999. 110. 20.1 0.0380 0.47 1.00 1.96 331.0 10.0 284.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
17 10 23 296 6 -8.8 0.122 -9.000 -9.000 -999. 103. 19.0 0.0330 0.47 1.00 1.93 318.0 10.0 284.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
17 10 23 296 7 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.47 0.71 1.81 312.0 10.0 285.4 2.0 0
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17 10 23 296 8 8.1 0.118 0.210 0.010 41. 98. -18.6 0.0330 0.47 0.34 1.45 53.0 10.0 289.9 2.0 0
0.00 66. 1018. 0 ADJ-A1 NoSubs
17 10 23 296 9 48.0 0.110 0.498 0.011 93. 87. -2.5 0.0330 0.47 0.23 1.06 42.0 10.0 293.8 2.0 0
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17 10 23 296 16 41.4 0.253 0.966 0.018 786. 308. -35.4 0.0340 0.47 0.25 3.24 142.0 10.0 304.2 2.0 0
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17 10 24 297 1 -7.0 0.110 -9.000 -9.000 -999. 87. 17.0 0.0330 0.47 1.00 1.74 309.0 10.0 290.4 2.0 0
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17 10 24 297 5 -9.3 0.126 -9.000 -9.000 -999. 107. 19.4 0.0260 0.47 1.00 2.06 294.0 10.0 288.8 2.0 0
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17 10 24 297 12 115.6 0.275 1.222 0.009 570. 347. -16.3 0.0300 0.47 0.18 3.40 92.0 10.0 308.1 2.0 0
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0.00 17. 1011. 0 ADJ-A1 NoSubs
17 10 24 297 14 101.8 0.240 1.236 0.008 669. 282. -12.2 0.0290 0.47 0.19 2.90 84.0 10.0 309.9 2.0 0
0.00 15. 1011. 0 ADJ-A1 NoSubs
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17 10 24 297 16 42.4 0.197 0.937 0.008 698. 210. -16.2 0.0340 0.47 0.26 2.37 129.0 10.0 308.1 2.0 0
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17 10 24 297 20 -3.4 0.078 -9.000 -9.000 -999. 53. 12.6 0.0380 0.47 1.00 1.20 342.0 10.0 296.4 2.0 0
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17 10 25 298 3 -4.5 0.087 -9.000 -9.000 -999. 62. 13.3 0.0290 0.47 1.00 1.42 259.0 10.0 289.9 2.0 0
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17 10 25 298 5 -2.7 0.070 -9.000 -9.000 -999. 44. 11.2 0.0260 0.47 1.00 1.09 290.0 10.0 286.4 2.0 0

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17 10 25 298 9 46.7 0.102 0.523 0.018 110. 78. -2.0 0.0300 0.47 0.24 0.97 93.0 10.0 295.4 2.0 0
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17 10 25 298 10 79.5 0.155 0.725 0.014 172. 147. -4.2 0.0300 0.47 0.20 1.65 112.0 10.0 299.2 2.0 0
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17 10 25 298 11 101.7 0.156 0.884 0.011 244. 147. -3.3 0.0300 0.47 0.18 1.60 118.0 10.0 302.0 2.0 0
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17 10 25 298 12 112.9 0.161 1.002 0.008 320. 154. -3.3 0.0340 0.47 0.18 1.60 140.0 10.0 304.9 2.0 0
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17 10 25 298 13 111.7 0.198 1.074 0.006 398. 211. -6.2 0.0370 0.47 0.18 2.11 172.0 10.0 306.0 2.0 0
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17 10 25 298 14 99.1 0.285 1.146 0.006 545. 365. -20.9 0.0230 0.47 0.19 3.78 194.0 10.0 307.0 2.0 0
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17 10 25 298 15 73.4 0.306 1.085 0.007 624. 406. -35.0 0.0380 0.47 0.20 3.83 229.0 10.0 304.2 2.0 0
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17 10 25 298 17 -4.4 0.202 -9.000 -9.000 -999. 217. 168.4 0.0340 0.47 0.42 2.96 145.0 10.0 293.1 2.0 0
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17 10 25 298 20 -6.1 0.103 -9.000 -9.000 -999. 79. 16.0 0.0380 0.47 1.00 1.60 226.0 10.0 288.1 2.0 0
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17 10 25 298 22 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0330 0.47 1.00 1.18 315.0 10.0 287.0 2.0 0
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17 10 25 298 23 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0330 0.47 1.00 1.31 327.0 10.0 287.0 2.0 0
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17 10 26 299 5 -6.8 0.107 -9.000 -9.000 -999. 84. 16.1 0.0260 0.47 1.00 1.77 297.0 10.0 285.9 2.0 0
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17 10 26 299 8 6.0 0.100 0.169 0.020 29. 76. -15.2 0.0330 0.47 0.36 1.21 322.0 10.0 290.9 2.0 0

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17 10 26 299 11 101.0 0.155 0.880 0.011 242. 147. -3.3 0.0340 0.47 0.18 1.55 131.0 10.0 302.5 2.0 0
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17 10 26 299 12 112.1 0.215 1.025 0.009 344. 239. -7.9 0.0340 0.47 0.18 2.40 145.0 10.0 305.4 2.0 0
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17 10 26 299 13 110.4 0.207 1.089 0.007 420. 226. -7.2 0.0230 0.47 0.18 2.49 196.0 10.0 305.4 2.0 0
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17 10 26 299 14 96.1 0.311 1.083 0.006 474. 416. -28.1 0.0230 0.47 0.19 4.22 202.0 10.0 303.1 2.0 0
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17 10 26 299 15 70.4 0.291 1.018 0.005 537. 377. -31.3 0.0380 0.47 0.21 3.61 233.0 10.0 299.9 2.0 0
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17 10 26 299 18 -3.6 0.079 -9.000 -9.000 -999. 56. 12.3 0.0290 0.47 1.00 1.28 268.0 10.0 294.2 2.0 0
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17 10 26 299 21 -2.1 0.064 -9.000 -9.000 -999. 39. 11.2 0.0260 0.47 1.00 0.92 280.0 10.0 288.8 2.0 0
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17 10 27 300 9 43.9 0.108 0.547 0.022 134. 85. -2.6 0.0340 0.47 0.24 1.04 133.0 10.0 292.5 2.0 0
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17 10 27 300 14 93.4 0.305 1.013 0.009 400. 404. -27.3 0.0380 0.47 0.19 3.75 229.0 10.0 299.2 2.0 0
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17 10 27 300 16 32.7 0.228 0.752 0.008 468. 264. -32.8 0.0370 0.47 0.26 2.86 157.0 10.0 292.0 2.0 0
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17 10 27 300 19 -11.8 0.144 -9.000 -9.000 -999. 135. 22.9 0.0370 0.47 1.00 2.20 161.0 10.0 284.9 2.0 0
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17 10 27 300 21 -2.2 0.066 -9.000 -9.000 -999. 41. 11.6 0.0340 0.47 1.00 0.92 135.0 10.0 284.9 2.0 0
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17 10 28 301 4 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.26 307.0 10.0 283.1 2.0 0
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17 10 28 301 6 -3.0 0.073 -9.000 -9.000 -999. 47. 11.7 0.0330 0.47 1.00 1.11 318.0 10.0 281.4 2.0 0
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17 10 28 301 8 -0.7 0.049 -9.000 -9.000 -999. 26. 14.9 0.0230 0.47 0.36 0.84 208.0 10.0 282.5 2.0 0
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17 10 28 301 9 41.2 0.116 0.561 0.035 154. 95. -3.4 0.0340 0.47 0.24 1.16 138.0 10.0 284.9 2.0 0
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17 10 28 301 10 73.3 0.151 0.720 0.032 183. 140. -4.2 0.0340 0.47 0.20 1.55 128.0 10.0 288.8 2.0 0
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17 10 28 301 11 95.3 0.183 0.830 0.028 216. 187. -5.7 0.0340 0.47 0.19 1.96 139.0 10.0 292.5 2.0 0
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17 10 28 301 12 105.2 0.234 0.913 0.024 260. 272. -11.0 0.0370 0.47 0.18 2.66 151.0 10.0 293.1 2.0 0
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17 10 29 302 3 -5.5 0.095 -9.000 -9.000 -999. 71. 14.3 0.0260 0.47 1.00 1.59 286.0 10.0 283.8 2.0 0
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17 10 29 302 13 23.6 0.131 0.664 0.033 446. 114. -8.5 0.0370 0.47 0.18 1.45 179.0 10.0 286.4 2.0 0
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0.00 96. 1006. 10 ADJ-A1 NoSubs
17 10 29 302 17 -9.6 0.160 -9.000 -9.000 -999. 153. 37.9 0.0380 0.47 0.45 2.37 217.0 10.0 285.9 2.0 0

0.00 100. 1006. 10 ADJ-A1 NoSubs
17 10 29 302 18 -8.7 0.121 -9.000 -9.000 -999. 101. 18.3 0.0230 0.47 1.00 2.03 208.0 10.0 285.9 2.0 0
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17 10 29 302 19 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0380 0.47 1.00 1.72 217.0 10.0 285.4 2.0 0
0.00 999. 1007. 10 ADJ-A1 NoSubs
17 10 29 302 20 -4.1 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.47 1.00 1.31 230.0 10.0 285.4 2.0 0
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17 10 29 302 21 -3.4 0.077 -9.000 -9.000 -999. 52. 12.2 0.0340 0.47 1.00 1.20 149.0 10.0 285.4 2.0 0
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17 10 29 302 22 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.47 1.00 1.45 232.0 10.0 284.9 2.0 0
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17 10 29 302 23 -5.5 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.47 1.00 1.52 216.0 10.0 284.9 2.0 0
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17 10 29 302 24 -6.0 0.100 -9.000 -9.000 -999. 75. 14.8 0.0230 0.47 1.00 1.69 197.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 10 30 303 1 -3.9 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.47 1.00 1.37 180.0 10.0 284.2 2.0 0
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17 10 30 303 2 -9.0 0.125 -9.000 -9.000 -999. 106. 19.5 0.0340 0.47 1.00 1.96 128.0 10.0 284.2 2.0 0
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17 10 30 303 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0370 0.47 1.00 1.31 169.0 10.0 284.2 2.0 0
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17 10 30 303 4 -2.0 0.064 -9.000 -9.000 -999. 39. 12.2 0.0380 0.47 1.00 0.82 231.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 10 30 303 5 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.47 1.00 1.20 360.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 10 30 303 6 -1.9 0.062 -9.000 -9.000 -999. 37. 11.8 0.0290 0.47 1.00 0.82 267.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 10 30 303 7 -2.7 0.070 -9.000 -9.000 -999. 44. 11.3 0.0290 0.47 1.00 1.06 252.0 10.0 284.2 2.0 0
0.00 999. 1007. 10 ADJ-A1 NoSubs
17 10 30 303 8 -1.5 0.072 -9.000 -9.000 -999. 46. 22.7 0.0380 0.47 0.37 1.09 225.0 10.0 284.9 2.0 0
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17 10 30 303 9 8.1 0.110 0.427 0.009 346. 87. -14.7 0.0380 0.47 0.24 1.28 227.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 10 30 303 10 16.0 0.132 0.579 0.016 435. 115. -12.8 0.0290 0.47 0.20 1.60 252.0 10.0 285.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
17 10 30 303 11 21.3 0.189 0.681 0.033 532. 197. -28.4 0.0380 0.47 0.19 2.33 223.0 10.0 286.4 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 10 30 303 12 24.0 0.235 0.747 0.037 623. 273. -48.3 0.0230 0.47 0.18 3.29 203.0 10.0 287.5 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
17 10 30 303 13 24.2 0.306 0.782 0.039 706. 406. -105.9 0.0230 0.47 0.18 4.44 204.0 10.0 290.4 2.0 0
0.00 64. 1006. 10 ADJ-A1 NoSubs
17 10 30 303 14 21.2 0.282 0.753 0.039 721. 359. -94.2 0.0230 0.47 0.19 4.07 190.0 10.0 291.4 2.0 0
0.00 57. 1005. 10 ADJ-A1 NoSubs
17 10 30 303 15 15.0 0.267 0.672 0.039 724. 331. -112.9 0.0230 0.47 0.21 3.88 207.0 10.0 290.9 2.0 0
0.00 59. 1005. 10 ADJ-A1 NoSubs
17 10 30 303 16 29.3 0.223 0.842 0.039 730. 253. -33.7 0.0380 0.47 0.27 2.78 216.0 10.0 290.4 2.0 0
0.00 59. 1005. 0 ADJ-A1 NoSubs
17 10 30 303 17 -1.4 0.149 -9.000 -9.000 -999. 139. 213.8 0.0380 0.47 0.45 2.13 223.0 10.0 289.2 2.0 0
0.00 64. 1004. 7 ADJ-A1 NoSubs
17 10 30 303 18 -14.7 0.161 -9.000 -9.000 -999. 155. 28.5 0.0290 0.47 1.00 2.54 266.0 10.0 288.1 2.0 0
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17 10 30 303 19 -4.4 0.086 -9.000 -9.000 -999. 62. 13.0 0.0260 0.47 1.00 1.43 292.0 10.0 287.5 2.0 0
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17 10 30 303 20 -5.3 0.094 -9.000 -9.000 -999. 69. 14.2 0.0260 0.47 1.00 1.57 278.0 10.0 287.5 2.0 0

0.00 69. 1005. 10 ADJ-A1 NoSubs
17 10 30 303 21 -4.7 0.089 -9.000 -9.000 -999. 64. 13.4 0.0260 0.47 1.00 1.48 282.0 10.0 287.5 2.0 0
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17 10 30 303 22 -8.6 0.122 -9.000 -9.000 -999. 102. 18.7 0.0290 0.47 1.00 1.96 80.0 10.0 287.0 2.0 0
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17 10 30 303 23 -9.5 0.128 -9.000 -9.000 -999. 109. 19.7 0.0290 0.47 1.00 2.05 244.0 10.0 286.4 2.0 0
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17 10 30 303 24 -14.0 0.156 -9.000 -9.000 -999. 148. 26.9 0.0290 0.47 1.00 2.47 258.0 10.0 286.4 2.0 0
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17 10 31 304 1 -11.8 0.143 -9.000 -9.000 -999. 130. 22.6 0.0290 0.47 1.00 2.28 261.0 10.0 286.4 2.0 0
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17 10 31 304 2 -6.4 0.106 -9.000 -9.000 -999. 82. 16.4 0.0380 0.47 1.00 1.64 225.0 10.0 285.9 2.0 0
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17 10 31 304 3 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.47 1.00 1.03 222.0 10.0 286.4 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
17 10 31 304 4 -2.8 0.071 -9.000 -9.000 -999. 46. 11.5 0.0310 0.47 1.00 1.09 7.0 10.0 285.9 2.0 0
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17 10 31 304 5 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.47 1.00 1.28 48.0 10.0 285.9 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
17 10 31 304 6 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.25 30.0 10.0 285.9 2.0 0
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17 10 31 304 7 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.47 1.00 1.14 344.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
17 10 31 304 8 -1.3 0.068 -9.000 -9.000 -999. 43. 22.1 0.0380 0.47 0.38 1.04 339.0 10.0 286.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
17 10 31 304 9 8.3 0.113 0.523 0.005 619. 92. -15.8 0.0380 0.47 0.25 1.33 340.0 10.0 287.5 2.0 0
0.00 69. 1008. 10 ADJ-A1 NoSubs
17 10 31 304 10 16.4 0.110 0.659 0.005 630. 88. -7.4 0.0310 0.47 0.20 1.25 6.0 10.0 288.8 2.0 0
0.00 55. 1009. 10 ADJ-A1 NoSubs
17 10 31 304 11 21.9 0.156 0.732 0.005 643. 148. -15.6 0.0290 0.47 0.19 1.93 78.0 10.0 289.9 2.0 0
0.00 51. 1009. 10 ADJ-A1 NoSubs
17 10 31 304 12 84.9 0.212 1.179 0.005 694. 235. -10.1 0.0300 0.47 0.18 2.50 98.0 10.0 290.9 2.0 0
0.00 47. 1008. 7 ADJ-A1 NoSubs
17 10 31 304 13 98.9 0.259 1.293 0.005 786. 316. -15.7 0.0370 0.47 0.18 3.05 176.0 10.0 290.9 2.0 0
0.00 49. 1007. 5 ADJ-A1 NoSubs
17 10 31 304 14 86.8 0.234 1.350 0.022 1018. 272. -13.3 0.0230 0.47 0.19 2.99 186.0 10.0 291.4 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
17 10 31 304 15 62.6 0.203 1.263 0.023 1157. 220. -12.0 0.0230 0.47 0.21 2.57 180.0 10.0 291.4 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
17 10 31 304 16 28.2 0.233 0.982 0.023 1208. 271. -40.5 0.0380 0.47 0.27 2.95 220.0 10.0 289.5 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
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0.00 61. 1007. 0 ADJ-A1 NoSubs
17 10 31 304 18 -19.1 0.193 -9.000 -9.000 -999. 204. 41.2 0.0380 0.47 1.00 2.88 227.0 10.0 285.9 2.0 0
0.00 68. 1008. 0 ADJ-A1 NoSubs
17 10 31 304 19 -3.5 0.078 -9.000 -9.000 -999. 62. 12.1 0.0310 0.47 1.00 1.23 7.0 10.0 286.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
17 10 31 304 20 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0330 0.47 1.00 1.57 325.0 10.0 284.2 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
17 10 31 304 21 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.47 1.00 1.86 321.0 10.0 283.1 2.0 0
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17 10 31 304 22 -9.3 0.126 -9.000 -9.000 -999. 108. 19.6 0.0330 0.47 1.00 1.99 315.0 10.0 282.5 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
17 10 31 304 23 -11.6 0.142 -9.000 -9.000 -999. 128. 22.1 0.0330 0.47 1.00 2.21 313.0 10.0 282.5 2.0 0

0.00 100. 1009. 0 ADJ-A1 NoSubs
17 10 31 304 24 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0330 0.47 1.00 2.25 311.0 10.0 282.0 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 1 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0330 0.47 1.00 1.52 319.0 10.0 280.9 2.0 0
0.00 95. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 2 -4.7 0.090 -9.000 -9.000 -999. 64. 13.6 0.0330 0.47 1.00 1.43 315.0 10.0 280.9 2.0 0
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17 11 1 305 3 -3.0 0.073 -9.000 -9.000 -999. 48. 11.9 0.0380 0.47 1.00 1.08 338.0 10.0 281.4 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 4 -4.1 0.083 -9.000 -9.000 -999. 58. 12.6 0.0290 0.47 1.00 1.35 78.0 10.0 282.0 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 5 -4.2 0.083 -9.000 -9.000 -999. 58. 12.5 0.0260 0.47 1.00 1.38 277.0 10.0 280.4 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 6 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0330 0.47 1.00 1.23 312.0 10.0 280.4 2.0 0
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17 11 1 305 7 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0380 0.47 1.00 1.11 338.0 10.0 280.4 2.0 0
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17 11 1 305 8 -0.1 0.097 -9.000 -9.000 -999. 72. 562.0 0.0330 0.47 0.38 1.40 304.0 10.0 283.8 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 9 37.8 0.153 0.626 0.009 234. 143. -8.5 0.0300 0.47 0.25 1.77 114.0 10.0 286.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 10 69.6 0.209 0.880 0.007 352. 229. -11.8 0.0300 0.47 0.20 2.50 99.0 10.0 289.2 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 11 91.4 0.160 1.020 0.006 418. 154. -4.0 0.0340 0.47 0.19 1.64 123.0 10.0 292.5 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 12 101.6 0.196 1.116 0.005 491. 209. -6.7 0.0370 0.47 0.18 2.11 162.0 10.0 294.2 2.0 0
0.00 45. 1008. 0 ADJ-A1 NoSubs
17 11 1 305 13 99.7 0.339 1.153 0.005 554. 473. -35.1 0.0380 0.47 0.18 4.24 215.0 10.0 293.8 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
17 11 1 305 14 86.1 0.338 1.169 0.010 666. 472. -40.3 0.0380 0.47 0.19 4.27 237.0 10.0 292.5 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
17 11 1 305 15 61.3 0.344 1.125 0.013 835. 484. -59.5 0.0380 0.47 0.21 4.44 217.0 10.0 290.4 2.0 0
0.00 55. 1007. 0 ADJ-A1 NoSubs
17 11 1 305 16 27.4 0.276 0.885 0.014 910. 350. -68.9 0.0380 0.47 0.27 3.59 234.0 10.0 289.9 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
17 11 1 305 17 -8.1 0.155 -9.000 -9.000 -999. 155. 41.2 0.0380 0.47 0.47 2.30 224.0 10.0 287.5 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
17 11 1 305 18 -5.5 0.096 -9.000 -9.000 -999. 72. 14.6 0.0290 0.47 1.00 1.57 259.0 10.0 287.0 2.0 0
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17 11 1 305 19 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.25 305.0 10.0 285.4 2.0 0
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17 11 1 305 20 -2.3 0.065 -9.000 -9.000 -999. 40. 11.1 0.0260 0.47 1.00 0.96 289.0 10.0 284.9 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 21 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0330 0.47 1.00 1.45 307.0 10.0 283.8 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
17 11 1 305 22 -9.2 0.126 -9.000 -9.000 -999. 107. 19.5 0.0330 0.47 1.00 1.98 306.0 10.0 282.5 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
17 11 1 305 23 -5.7 0.097 -9.000 -9.000 -999. 73. 14.6 0.0260 0.47 1.00 1.62 295.0 10.0 282.5 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
17 11 1 305 24 -11.8 0.143 -9.000 -9.000 -999. 130. 22.5 0.0330 0.47 1.00 2.23 318.0 10.0 282.5 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
17 11 2 306 1 -11.0 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.47 1.00 2.16 307.0 10.0 282.5 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
17 11 2 306 2 -10.7 0.136 -9.000 -9.000 -999. 121. 21.2 0.0330 0.47 1.00 2.13 311.0 10.0 282.5 2.0 0

0.00 96. 1010. 0 ADJ-A1 NoSubs
17 11 2 306 3 -11.7 0.142 -9.000 -9.000 -999. 129. 22.3 0.0330 0.47 1.00 2.22 321.0 10.0 281.4 2.0 0
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17 11 2 306 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0330 0.47 1.00 1.79 310.0 10.0 281.4 2.0 0
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17 11 2 306 5 -5.6 0.097 -9.000 -9.000 -999. 72. 14.7 0.0330 0.47 1.00 1.55 304.0 10.0 281.4 2.0 0
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17 11 2 306 6 -10.4 0.134 -9.000 -9.000 -999. 118. 20.8 0.0330 0.47 1.00 2.10 309.0 10.0 281.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
17 11 2 306 7 -5.4 0.096 -9.000 -9.000 -999. 71. 14.5 0.0330 0.47 1.00 1.53 326.0 10.0 280.9 2.0 0
0.00 95. 1011. 3 ADJ-A1 NoSubs
17 11 2 306 8 -1.6 0.067 -9.000 -9.000 -999. 42. 16.7 0.0380 0.47 0.39 1.04 339.0 10.0 282.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
17 11 2 306 9 7.3 0.074 0.235 0.012 64. 48. -5.0 0.0330 0.47 0.25 0.79 57.0 10.0 284.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
17 11 2 306 10 68.5 0.140 0.767 0.009 238. 126. -3.6 0.0290 0.47 0.20 1.47 73.0 10.0 288.8 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
17 11 2 306 11 90.1 0.168 0.981 0.008 378. 165. -4.7 0.0300 0.47 0.19 1.81 108.0 10.0 291.4 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
17 11 2 306 12 83.9 0.185 1.021 0.007 457. 191. -6.8 0.0370 0.47 0.18 1.99 162.0 10.0 292.5 2.0 0
0.00 44. 1011. 7 ADJ-A1 NoSubs
17 11 2 306 13 24.3 0.240 0.682 0.007 471. 282. -51.1 0.0380 0.47 0.18 3.07 229.0 10.0 293.1 2.0 0
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17 11 2 306 14 20.7 0.223 0.652 0.007 482. 253. -48.4 0.0290 0.47 0.19 3.00 241.0 10.0 292.0 2.0 0
0.00 42. 1011. 10 ADJ-A1 NoSubs
17 11 2 306 15 14.6 0.199 0.584 0.007 489. 213. -48.3 0.0290 0.47 0.21 2.67 241.0 10.0 292.0 2.0 0
0.00 42. 1011. 10 ADJ-A1 NoSubs
17 11 2 306 16 5.7 0.208 0.428 0.007 491. 228. -141.9 0.0380 0.47 0.28 2.79 223.0 10.0 290.4 2.0 0
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17 11 2 306 17 -9.8 0.154 -9.000 -9.000 -999. 146. 33.8 0.0380 0.47 0.47 2.30 227.0 10.0 289.2 2.0 0
0.00 53. 1011. 10 ADJ-A1 NoSubs
17 11 2 306 18 -4.8 0.090 -9.000 -9.000 -999. 66. 13.6 0.0260 0.47 1.00 1.50 285.0 10.0 289.2 2.0 0
0.00 55. 1011. 10 ADJ-A1 NoSubs
17 11 2 306 19 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0260 0.47 1.00 1.42 282.0 10.0 288.8 2.0 0
0.00 56. 1011. 10 ADJ-A1 NoSubs
17 11 2 306 20 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0330 0.47 1.00 1.64 326.0 10.0 287.5 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
17 11 2 306 21 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0330 0.47 1.00 1.64 316.0 10.0 287.5 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
17 11 2 306 22 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0330 0.47 1.00 1.37 304.0 10.0 287.0 2.0 0
0.00 68. 1011. 10 ADJ-A1 NoSubs
17 11 2 306 23 -6.3 0.103 -9.000 -9.000 -999. 80. 15.9 0.0330 0.47 1.00 1.65 327.0 10.0 285.9 2.0 0
0.00 76. 1011. 10 ADJ-A1 NoSubs
17 11 2 306 24 -4.1 0.083 -9.000 -9.000 -999. 58. 12.6 0.0260 0.47 1.00 1.38 277.0 10.0 285.9 2.0 0
0.00 82. 1012. 10 ADJ-A1 NoSubs
17 11 3 307 1 -10.9 0.139 -9.000 -9.000 -999. 124. 22.0 0.0380 0.47 1.00 2.11 335.0 10.0 286.4 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
17 11 3 307 2 -8.3 0.119 -9.000 -9.000 -999. 98. 18.4 0.0330 0.47 1.00 1.88 312.0 10.0 284.9 2.0 11
0.30 96. 1011. 7 ADJ-A1 NoSubs
17 11 3 307 3 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.47 1.00 1.69 325.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 11 3 307 4 -11.6 0.140 -9.000 -9.000 -999. 126. 21.7 0.0260 0.47 1.00 2.28 272.0 10.0 284.9 2.0 11
0.50 100. 1012. 10 ADJ-A1 NoSubs
17 11 3 307 5 -13.7 0.156 -9.000 -9.000 -999. 147. 26.7 0.0380 0.47 1.00 2.35 359.0 10.0 284.9 2.0 11

0.30 999. 1011. 10 ADJ-A1 NoSubs
17 11 3 307 6 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0380 0.47 1.00 2.06 336.0 10.0 284.9 2.0 0
0.00 999. 1011. 7 ADJ-A1 NoSubs
17 11 3 307 7 -8.7 0.122 -9.000 -9.000 -999. 103. 19.0 0.0330 0.47 1.00 1.93 328.0 10.0 284.9 2.0 0
0.00 100. 1011. 5 ADJ-A1 NoSubs
17 11 3 307 8 -2.7 0.090 -9.000 -9.000 -999. 65. 24.9 0.0330 0.47 0.39 1.40 45.0 10.0 286.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 11 3 307 9 7.9 0.088 0.356 0.005 206. 63. -7.8 0.0300 0.47 0.25 1.01 102.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
17 11 3 307 10 15.9 0.110 0.513 0.005 306. 87. -7.5 0.0370 0.47 0.20 1.20 157.0 10.0 289.9 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
17 11 3 307 11 21.4 0.255 0.670 0.005 505. 309. -69.7 0.0340 0.47 0.19 3.39 130.0 10.0 290.9 2.0 0
0.00 69. 1012. 10 ADJ-A1 NoSubs
17 11 3 307 12 24.0 0.283 0.718 0.005 555. 361. -85.2 0.0340 0.47 0.18 3.80 149.0 10.0 291.4 2.0 0
0.00 62. 1011. 10 ADJ-A1 NoSubs
17 11 3 307 13 22.7 0.262 0.722 0.005 596. 322. -71.1 0.0230 0.47 0.18 3.74 192.0 10.0 288.1 2.0 11
0.50 89. 1011. 10 ADJ-A1 NoSubs
17 11 3 307 14 19.6 0.292 0.700 0.005 630. 379. -114.9 0.0340 0.47 0.19 3.97 130.0 10.0 288.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
17 11 3 307 15 13.5 0.161 0.626 0.005 653. 165. -27.7 0.0310 0.47 0.21 2.06 9.0 10.0 288.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 11 3 307 16 5.0 0.153 0.450 0.005 661. 143. -64.8 0.0260 0.47 0.28 2.13 293.0 10.0 288.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 11 3 307 17 -15.6 0.226 -9.000 -9.000 -999. 257. 66.3 0.0290 0.47 0.48 3.47 261.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 11 3 307 18 -13.3 0.153 -9.000 -9.000 -999. 145. 25.8 0.0330 0.47 1.00 2.37 306.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 11 3 307 19 -6.7 0.107 -9.000 -9.000 -999. 84. 16.5 0.0330 0.47 1.00 1.70 327.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
17 11 3 307 20 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0380 0.47 1.00 1.04 356.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 11 3 307 21 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.47 1.00 1.09 36.0 10.0 287.0 2.0 0
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17 11 3 307 22 -4.8 0.091 -9.000 -9.000 -999. 66. 13.9 0.0330 0.47 1.00 1.45 313.0 10.0 286.4 2.0 0
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17 11 3 307 23 -8.3 0.120 -9.000 -9.000 -999. 99. 18.6 0.0330 0.47 1.00 1.89 303.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 11 3 307 24 -9.2 0.126 -9.000 -9.000 -999. 107. 19.6 0.0330 0.47 1.00 1.98 305.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 11 4 308 1 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0380 0.47 1.00 1.38 342.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 11 4 308 2 -3.0 0.073 -9.000 -9.000 -999. 47. 11.7 0.0330 0.47 1.00 1.11 316.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 11 4 308 3 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.47 1.00 1.72 304.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 11 4 308 4 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.47 1.00 1.72 320.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 11 4 308 5 -5.2 0.094 -9.000 -9.000 -999. 69. 14.4 0.0330 0.47 1.00 1.50 317.0 10.0 284.9 2.0 0
0.00 100. 1010. 7 ADJ-A1 NoSubs
17 11 4 308 6 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0330 0.47 1.00 1.96 310.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 11 4 308 7 -6.4 0.105 -9.000 -9.000 -999. 81. 16.1 0.0330 0.47 1.00 1.67 312.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 11 4 308 8 -2.7 0.090 -9.000 -9.000 -999. 65. 24.9 0.0330 0.47 0.40 1.40 317.0 10.0 287.5 2.0 0

0.00 96. 1011. 10 ADJ-A1 NoSubs
17 11 4 308 9 7.1 0.105 0.279 0.005 110. 82. -14.8 0.0340 0.47 0.25 1.26 129.0 10.0 286.4 2.0 11
1.00 999. 1012. 10 ADJ-A1 NoSubs
17 11 4 308 10 15.3 0.107 0.439 0.005 200. 85. -7.3 0.0330 0.47 0.21 1.20 53.0 10.0 288.1 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
17 11 4 308 11 87.7 0.135 1.247 0.005 798. 119. -2.5 0.0370 0.47 0.19 1.26 168.0 10.0 289.9 2.0 0
0.00 999. 1011. 5 ADJ-A1 NoSubs
17 11 4 308 12 23.5 0.272 0.817 0.005 837. 340. -77.3 0.0380 0.47 0.18 3.56 221.0 10.0 290.4 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
17 11 4 308 13 22.9 0.269 0.822 0.005 873. 335. -76.6 0.0380 0.47 0.18 3.52 236.0 10.0 289.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 11 4 308 14 19.7 0.247 0.791 0.005 903. 295. -69.0 0.0380 0.47 0.19 3.22 234.0 10.0 290.4 2.0 0
0.00 75. 1010. 10 ADJ-A1 NoSubs
17 11 4 308 15 51.4 0.284 1.117 0.005 976. 362. -40.0 0.0380 0.47 0.22 3.58 223.0 10.0 290.4 2.0 0
0.00 69. 1010. 7 ADJ-A1 NoSubs
17 11 4 308 16 25.3 0.271 0.892 0.005 1010. 340. -71.3 0.0230 0.47 0.28 3.88 195.0 10.0 290.4 2.0 0
0.00 62. 1010. 7 ADJ-A1 NoSubs
17 11 4 308 17 -8.3 0.172 -9.000 -9.000 -999. 176. 55.0 0.0230 0.47 0.49 2.76 205.0 10.0 287.5 2.0 0
0.00 71. 1010. 3 ADJ-A1 NoSubs
17 11 4 308 18 -6.1 0.102 -9.000 -9.000 -999. 80. 15.8 0.0340 0.47 1.00 1.62 141.0 10.0 287.5 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
17 11 4 308 19 -7.7 0.113 -9.000 -9.000 -999. 92. 17.1 0.0230 0.47 1.00 1.91 191.0 10.0 286.4 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
17 11 4 308 20 -15.8 0.168 -9.000 -9.000 -999. 165. 31.0 0.0380 0.47 1.00 2.52 348.0 10.0 286.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
17 11 4 308 21 -11.4 0.140 -9.000 -9.000 -999. 126. 21.8 0.0300 0.47 1.00 2.22 108.0 10.0 285.9 2.0 0
0.00 71. 1012. 10 ADJ-A1 NoSubs
17 11 4 308 22 -4.3 0.085 -9.000 -9.000 -999. 60. 12.9 0.0290 0.47 1.00 1.38 263.0 10.0 285.4 2.0 0
0.00 68. 1013. 10 ADJ-A1 NoSubs
17 11 4 308 23 -6.0 0.100 -9.000 -9.000 -999. 76. 15.2 0.0290 0.47 1.00 1.64 249.0 10.0 283.1 2.0 0
0.00 79. 1013. 10 ADJ-A1 NoSubs
17 11 4 308 24 -5.0 0.091 -9.000 -9.000 -999. 66. 13.6 0.0260 0.47 1.00 1.52 275.0 10.0 282.5 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 5 309 1 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0330 0.47 1.00 1.79 308.0 10.0 282.5 2.0 0
0.00 70. 1014. 0 ADJ-A1 NoSubs
17 11 5 309 2 -8.4 0.120 -9.000 -9.000 -999. 99. 18.3 0.0330 0.47 1.00 1.89 318.0 10.0 280.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 5 309 3 -6.5 0.105 -9.000 -9.000 -999. 81. 15.9 0.0330 0.47 1.00 1.67 319.0 10.0 280.4 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 11 5 309 4 -2.7 0.070 -9.000 -9.000 -999. 44. 11.5 0.0330 0.47 1.00 1.03 313.0 10.0 281.4 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
17 11 5 309 5 -2.4 0.067 -9.000 -9.000 -999. 42. 11.5 0.0330 0.47 1.00 0.96 306.0 10.0 281.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
17 11 5 309 6 -2.7 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.47 1.00 1.01 355.0 10.0 281.4 2.0 0
0.00 85. 1014. 10 ADJ-A1 NoSubs
17 11 5 309 7 -4.4 0.086 -9.000 -9.000 -999. 61. 13.1 0.0330 0.47 1.00 1.37 311.0 10.0 280.9 2.0 0
0.00 100. 1015. 7 ADJ-A1 NoSubs
17 11 5 309 8 0.8 0.104 0.238 0.005 577. 81. -121.6 0.0330 0.47 0.40 1.43 316.0 10.0 282.5 2.0 0
0.00 83. 1015. 3 ADJ-A1 NoSubs
17 11 5 309 9 33.8 0.107 0.825 0.005 601. 84. -3.3 0.0290 0.47 0.26 1.11 60.0 10.0 284.9 2.0 0
0.00 56. 1016. 0 ADJ-A1 NoSubs
17 11 5 309 10 66.7 0.181 1.157 0.005 842. 185. -8.0 0.0230 0.47 0.21 2.20 193.0 10.0 287.0 2.0 0
0.00 50. 1016. 5 ADJ-A1 NoSubs
17 11 5 309 11 86.4 0.180 1.398 0.016 1148. 183. -6.1 0.0370 0.47 0.19 1.91 163.0 10.0 288.1 2.0 0

0.00 43. 1016. 0 ADJ-A1 NoSubs
17 11 5 309 12 95.4 0.293 1.511 0.019 1310. 380. -23.8 0.0370 0.47 0.18 3.58 164.0 10.0 288.1 2.0 0
0.00 48. 1015. 5 ADJ-A1 NoSubs
17 11 5 309 13 94.5 0.360 1.522 0.019 1352. 519. -44.8 0.0380 0.47 0.19 4.58 219.0 10.0 288.8 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
17 11 5 309 14 81.2 0.366 1.480 0.020 1445. 532. -54.8 0.0380 0.47 0.19 4.71 226.0 10.0 288.1 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
17 11 5 309 15 56.9 0.388 1.317 0.020 1452. 580. -92.8 0.0380 0.47 0.22 5.12 229.0 10.0 287.5 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
17 11 5 309 16 23.3 0.325 0.979 0.020 1455. 446. -132.7 0.0380 0.47 0.28 4.34 239.0 10.0 287.0 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
17 11 5 309 17 -13.2 0.206 -9.000 -9.000 -999. 232. 59.3 0.0290 0.47 0.49 3.17 240.0 10.0 285.4 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
17 11 5 309 18 -4.7 0.089 -9.000 -9.000 -999. 74. 13.6 0.0330 0.47 1.00 1.42 316.0 10.0 284.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
17 11 5 309 19 -9.5 0.128 -9.000 -9.000 -999. 110. 19.8 0.0330 0.47 1.00 2.01 323.0 10.0 282.5 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 5 309 20 -10.1 0.131 -9.000 -9.000 -999. 114. 20.4 0.0330 0.47 1.00 2.06 307.0 10.0 282.0 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
17 11 5 309 21 -8.9 0.123 -9.000 -9.000 -999. 104. 19.0 0.0330 0.47 1.00 1.94 307.0 10.0 281.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 5 309 22 -12.6 0.146 -9.000 -9.000 -999. 134. 23.6 0.0260 0.47 1.00 2.37 296.0 10.0 280.9 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
17 11 5 309 23 -12.4 0.146 -9.000 -9.000 -999. 134. 23.4 0.0330 0.47 1.00 2.27 311.0 10.0 279.9 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
17 11 5 309 24 -13.9 0.155 -9.000 -9.000 -999. 146. 26.4 0.0330 0.47 1.00 2.40 312.0 10.0 279.2 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 1 -7.3 0.111 -9.000 -9.000 -999. 89. 16.8 0.0330 0.47 1.00 1.76 324.0 10.0 278.8 2.0 0
0.00 999. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 2 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0330 0.47 1.00 1.23 328.0 10.0 278.1 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 3 -5.1 0.093 -9.000 -9.000 -999. 68. 14.2 0.0380 0.47 1.00 1.45 333.0 10.0 278.1 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 4 -5.6 0.095 -9.000 -9.000 -999. 71. 14.1 0.0260 0.47 1.00 1.59 280.0 10.0 276.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 5 -6.0 0.101 -9.000 -9.000 -999. 77. 15.4 0.0380 0.47 1.00 1.57 333.0 10.0 277.5 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 6 -3.4 0.077 -9.000 -9.000 -999. 51. 11.9 0.0310 0.47 1.00 1.20 11.0 10.0 278.1 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 7 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0380 0.47 1.00 1.11 334.0 10.0 278.1 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 8 -2.1 0.087 -9.000 -9.000 -999. 62. 28.8 0.0370 0.47 0.41 1.31 157.0 10.0 280.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
17 11 6 310 9 32.6 0.183 0.627 0.005 273. 188. -17.1 0.0300 0.47 0.26 2.27 95.0 10.0 283.1 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
17 11 6 310 10 64.2 0.160 0.916 0.005 434. 153. -5.8 0.0300 0.47 0.21 1.77 93.0 10.0 286.4 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 11 85.4 0.169 1.086 0.005 543. 167. -5.1 0.0340 0.47 0.19 1.79 127.0 10.0 288.1 2.0 0
0.00 999. 1015. 0 ADJ-A1 Sub_CC-TT
17 11 6 310 12 95.6 0.166 1.284 0.006 801. 162. -4.3 0.0370 0.47 0.19 1.68 165.0 10.0 289.9 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
17 11 6 310 13 94.0 0.298 1.398 0.006 1052. 391. -25.6 0.0380 0.47 0.19 3.65 231.0 10.0 290.4 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
17 11 6 310 14 80.7 0.338 1.339 0.006 1075. 471. -43.1 0.0290 0.47 0.19 4.51 243.0 10.0 289.9 2.0 0

0.00 61. 1013. 0 ADJ-A1 NoSubs
17 11 6 310 15 56.5 0.323 1.194 0.005 1091. 441. -53.9 0.0380 0.47 0.22 4.15 231.0 10.0 289.2 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
17 11 6 310 16 23.0 0.210 0.887 0.005 1097. 238. -36.5 0.0290 0.47 0.29 2.78 241.0 10.0 289.2 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
17 11 6 310 17 -4.8 0.101 -9.000 -9.000 -999. 84. 19.2 0.0290 0.47 0.50 1.62 240.0 10.0 288.1 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
17 11 6 310 18 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.47 1.00 0.91 340.0 10.0 285.9 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
17 11 6 310 19 -5.7 0.098 -9.000 -9.000 -999. 74. 15.1 0.0330 0.47 1.00 1.57 39.0 10.0 285.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
17 11 6 310 20 -3.1 0.074 -9.000 -9.000 -999. 49. 11.8 0.0330 0.47 1.00 1.14 316.0 10.0 283.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 11 6 310 21 -9.8 0.130 -9.000 -9.000 -999. 112. 20.2 0.0330 0.47 1.00 2.04 305.0 10.0 282.5 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 11 6 310 22 -7.9 0.115 -9.000 -9.000 -999. 93. 17.3 0.0260 0.47 1.00 1.89 291.0 10.0 282.0 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
17 11 6 310 23 -11.9 0.143 -9.000 -9.000 -999. 130. 22.5 0.0330 0.47 1.00 2.23 300.0 10.0 281.4 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
17 11 6 310 24 -8.8 0.122 -9.000 -9.000 -999. 103. 18.8 0.0330 0.47 1.00 1.93 305.0 10.0 280.9 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 7 311 1 -9.4 0.126 -9.000 -9.000 -999. 108. 19.5 0.0330 0.47 1.00 1.99 320.0 10.0 279.9 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 7 311 2 -13.0 0.151 -9.000 -9.000 -999. 140. 24.9 0.0380 0.47 1.00 2.28 331.0 10.0 279.2 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 7 311 3 -5.9 0.099 -9.000 -9.000 -999. 75. 15.0 0.0310 0.47 1.00 1.60 12.0 10.0 279.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 7 311 4 -4.4 0.086 -9.000 -9.000 -999. 60. 13.0 0.0310 0.47 1.00 1.38 26.0 10.0 280.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 7 311 5 -4.3 0.085 -9.000 -9.000 -999. 60. 12.9 0.0310 0.47 1.00 1.37 18.0 10.0 279.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 7 311 6 -4.4 0.086 -9.000 -9.000 -999. 60. 13.0 0.0310 0.47 1.00 1.38 19.0 10.0 279.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 11 7 311 7 -6.0 0.100 -9.000 -9.000 -999. 76. 15.1 0.0310 0.47 1.00 1.62 14.0 10.0 279.9 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 7 311 8 -2.1 0.085 -9.000 -9.000 -999. 60. 26.8 0.0380 0.47 0.41 1.28 358.0 10.0 283.1 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
17 11 7 311 9 32.3 0.171 0.453 0.005 104. 170. -14.1 0.0290 0.47 0.26 2.10 74.0 10.0 286.4 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
17 11 7 311 10 63.9 0.256 0.809 0.005 300. 311. -23.9 0.0290 0.47 0.21 3.29 82.0 10.0 289.2 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
17 11 7 311 11 85.3 0.226 1.007 0.005 432. 259. -12.3 0.0290 0.47 0.19 2.74 78.0 10.0 291.4 2.0 0
0.00 38. 1014. 0 ADJ-A1 NoSubs
17 11 7 311 12 95.4 0.273 1.185 0.005 630. 342. -19.2 0.0300 0.47 0.19 3.42 109.0 10.0 292.5 2.0 0
0.00 32. 1013. 0 ADJ-A1 NoSubs
17 11 7 311 13 94.0 0.231 1.311 0.005 866. 268. -11.9 0.0340 0.47 0.19 2.70 141.0 10.0 293.8 2.0 0
0.00 31. 1013. 0 ADJ-A1 NoSubs
17 11 7 311 14 80.7 0.345 1.312 0.012 1012. 486. -45.9 0.0380 0.47 0.19 4.39 212.0 10.0 293.1 2.0 0
0.00 32. 1012. 0 ADJ-A1 NoSubs
17 11 7 311 15 56.3 0.304 1.197 0.014 1100. 403. -45.1 0.0290 0.47 0.22 4.07 240.0 10.0 292.0 2.0 0
0.00 36. 1012. 0 ADJ-A1 NoSubs
17 11 7 311 16 22.5 0.261 0.887 0.015 1122. 320. -71.2 0.0380 0.47 0.29 3.40 237.0 10.0 290.4 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
17 11 7 311 17 -9.9 0.148 -9.000 -9.000 -999. 143. 29.6 0.0290 0.47 0.50 2.32 243.0 10.0 288.1 2.0 0

0.00 53. 1012. 0 ADJ-A1 NoSubs
17 11 7 311 18 -3.3 0.077 -9.000 -9.000 -999. 53. 12.3 0.0380 0.47 1.00 1.16 216.0 10.0 285.4 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
17 11 7 311 19 -2.7 0.069 -9.000 -9.000 -999. 44. 11.1 0.0260 0.47 1.00 1.08 281.0 10.0 283.1 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
17 11 7 311 20 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0330 0.47 1.00 1.84 316.0 10.0 283.1 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
17 11 7 311 21 -9.0 0.124 -9.000 -9.000 -999. 105. 19.2 0.0330 0.47 1.00 1.96 315.0 10.0 282.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
17 11 7 311 22 -10.5 0.134 -9.000 -9.000 -999. 118. 20.8 0.0330 0.47 1.00 2.10 300.0 10.0 282.0 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
17 11 7 311 23 -11.9 0.143 -9.000 -9.000 -999. 130. 22.5 0.0330 0.47 1.00 2.23 318.0 10.0 281.4 2.0 0
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17 11 7 311 24 -11.0 0.138 -9.000 -9.000 -999. 122. 21.4 0.0330 0.47 1.00 2.15 313.0 10.0 281.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
17 11 8 312 1 -10.1 0.131 -9.000 -9.000 -999. 114. 20.3 0.0330 0.47 1.00 2.06 321.0 10.0 280.4 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
17 11 8 312 2 -8.8 0.122 -9.000 -9.000 -999. 103. 18.8 0.0330 0.47 1.00 1.93 319.0 10.0 280.9 2.0 0
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17 11 8 312 5 -6.7 0.106 -9.000 -9.000 -999. 83. 16.2 0.0330 0.47 1.00 1.69 301.0 10.0 280.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
17 11 8 312 6 -10.8 0.136 -9.000 -9.000 -999. 121. 21.2 0.0330 0.47 1.00 2.13 310.0 10.0 281.4 2.0 0
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17 11 8 312 7 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.47 1.00 1.86 310.0 10.0 283.1 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
17 11 8 312 8 -1.9 0.067 -9.000 -9.000 -999. 42. 14.1 0.0310 0.47 0.42 1.08 2.0 10.0 284.2 2.0 0
0.00 79. 1013. 10 ADJ-A1 NoSubs
17 11 8 312 9 6.2 0.099 0.199 0.010 46. 75. -14.1 0.0310 0.47 0.26 1.20 21.0 10.0 286.4 2.0 0
0.00 64. 1012. 10 ADJ-A1 NoSubs
17 11 8 312 10 54.6 0.112 0.748 0.009 277. 90. -2.3 0.0330 0.47 0.21 1.06 39.0 10.0 288.8 2.0 0
0.00 55. 1012. 7 ADJ-A1 NoSubs
17 11 8 312 11 19.8 0.106 0.568 0.010 332. 83. -5.4 0.0300 0.47 0.19 1.16 104.0 10.0 289.2 2.0 0
0.00 55. 1012. 10 ADJ-A1 NoSubs
17 11 8 312 12 22.5 0.115 0.617 0.011 376. 93. -6.1 0.0300 0.47 0.19 1.28 119.0 10.0 290.4 2.0 0
0.00 49. 1011. 10 ADJ-A1 NoSubs
17 11 8 312 13 22.1 0.112 0.621 0.011 389. 91. -5.8 0.0380 0.47 0.19 1.18 359.0 10.0 290.4 2.0 0
0.00 49. 1010. 10 ADJ-A1 NoSubs
17 11 8 312 14 67.5 0.147 0.930 0.010 429. 135. -4.2 0.0310 0.47 0.20 1.55 3.0 10.0 290.9 2.0 0
0.00 49. 1009. 7 ADJ-A1 NoSubs
17 11 8 312 15 13.1 0.184 0.542 0.010 437. 189. -42.4 0.0290 0.47 0.22 2.45 268.0 10.0 291.4 2.0 0
0.00 57. 1009. 10 ADJ-A1 NoSubs
17 11 8 312 16 4.7 0.137 0.385 0.010 439. 122. -49.4 0.0260 0.47 0.29 1.88 286.0 10.0 290.9 2.0 0
0.00 59. 1008. 10 ADJ-A1 NoSubs
17 11 8 312 17 -7.8 0.125 -9.000 -9.000 -999. 106. 22.6 0.0290 0.47 0.51 1.99 268.0 10.0 289.9 2.0 0
0.00 69. 1008. 10 ADJ-A1 NoSubs
17 11 8 312 18 -8.3 0.120 -9.000 -9.000 -999. 99. 18.7 0.0330 0.47 1.00 1.89 307.0 10.0 289.2 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
17 11 8 312 19 -23.5 0.242 -9.000 -9.000 -999. 285. 64.2 0.0290 0.47 1.00 3.73 243.0 10.0 289.9 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
17 11 8 312 20 -36.5 0.375 -9.000 -9.000 -999. 552. 155.0 0.0230 0.47 1.00 5.92 188.0 10.0 289.9 2.0 0

0.00 100. 1008. 10 ADJ-A1 NoSubs
17 11 8 312 21 -18.1 0.185 -9.000 -9.000 -999. 224. 37.7 0.0230 0.47 1.00 3.01 185.0 10.0 289.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 11 8 312 22 -8.3 0.121 -9.000 -9.000 -999. 103. 19.0 0.0380 0.47 1.00 1.86 239.0 10.0 288.8 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
17 11 8 312 23 -5.4 0.096 -9.000 -9.000 -999. 72. 15.0 0.0380 0.47 1.00 1.50 229.0 10.0 288.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
17 11 8 312 24 -5.7 0.098 -9.000 -9.000 -999. 74. 14.9 0.0290 0.47 1.00 1.60 250.0 10.0 288.1 2.0 11
0.30 999. 1009. 10 ADJ-A1 NoSubs
17 11 9 313 1 -29.9 0.305 -9.000 -9.000 -999. 404. 102.3 0.0230 0.47 1.00 4.85 199.0 10.0 288.1 2.0 11
2.50 999. 1009. 10 ADJ-A1 NoSubs
17 11 9 313 2 -46.8 0.477 -9.000 -9.000 -999. 791. 250.4 0.0230 0.47 1.00 7.45 190.0 10.0 288.1 2.0 11
0.80 999. 1009. 10 ADJ-A1 NoSubs
17 11 9 313 3 -35.1 0.357 -9.000 -9.000 -999. 524. 140.6 0.0230 0.47 1.00 5.65 183.0 10.0 287.5 2.0 11
0.30 999. 1010. 10 ADJ-A1 NoSubs
17 11 9 313 4 -21.5 0.219 -9.000 -9.000 -999. 259. 52.6 0.0370 0.47 1.00 3.25 153.0 10.0 287.5 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
17 11 9 313 5 -4.3 0.085 -9.000 -9.000 -999. 78. 13.1 0.0300 0.47 1.00 1.38 118.0 10.0 287.5 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
17 11 9 313 6 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0370 0.47 1.00 1.26 151.0 10.0 287.5 2.0 11
1.00 999. 1011. 10 ADJ-A1 NoSubs
17 11 9 313 7 -4.0 0.084 -9.000 -9.000 -999. 58. 13.1 0.0370 0.47 1.00 1.30 178.0 10.0 288.1 2.0 11
0.80 999. 1011. 10 ADJ-A1 NoSubs
17 11 9 313 8 1.6 0.104 0.129 0.005 47. 80. -61.1 0.0370 0.47 0.42 1.35 152.0 10.0 288.1 2.0 0
0.00 999. 1012. 7 ADJ-A1 NoSubs
17 11 9 313 9 6.5 0.127 0.280 0.005 121. 108. -28.3 0.0290 0.47 0.26 1.65 89.0 10.0 288.8 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 10 14.4 0.222 0.442 0.005 216. 252. -69.1 0.0370 0.47 0.21 2.91 151.0 10.0 289.2 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 11 19.9 0.295 0.550 0.005 302. 385. -116.9 0.0370 0.47 0.19 3.95 165.0 10.0 290.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 12 22.2 0.317 0.613 0.005 375. 428. -129.4 0.0230 0.47 0.19 4.63 204.0 10.0 289.9 2.0 11
0.30 93. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 13 21.9 0.330 0.642 0.005 436. 456. -148.8 0.0230 0.47 0.19 4.85 209.0 10.0 290.4 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 14 66.8 0.400 1.073 0.005 667. 607. -86.3 0.0380 0.47 0.20 5.26 219.0 10.0 290.9 2.0 0
0.00 86. 1011. 7 ADJ-A1 NoSubs
17 11 9 313 15 12.3 0.332 0.622 0.005 704. 463. -268.6 0.0380 0.47 0.22 4.53 223.0 10.0 289.2 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 16 4.0 0.205 0.431 0.005 716. 232. -192.5 0.0290 0.47 0.29 2.91 245.0 10.0 289.2 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 17 -12.0 0.156 -9.000 -9.000 -999. 149. 28.7 0.0290 0.47 0.52 2.45 247.0 10.0 288.8 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 18 -12.8 0.151 -9.000 -9.000 -999. 140. 25.0 0.0380 0.47 1.00 2.28 237.0 10.0 288.1 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 19 -7.7 0.116 -9.000 -9.000 -999. 95. 18.2 0.0380 0.47 1.00 1.79 239.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 11 9 313 20 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.47 1.00 1.50 239.0 10.0 285.9 2.0 0
0.00 100. 1012. 3 ADJ-A1 NoSubs
17 11 9 313 21 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0260 0.47 1.00 1.40 298.0 10.0 286.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 11 9 313 22 -1.9 0.064 -9.000 -9.000 -999. 39. 12.3 0.0380 0.47 1.00 0.80 333.0 10.0 286.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 11 9 313 23 -3.4 0.077 -9.000 -9.000 -999. 51. 12.1 0.0330 0.47 1.00 1.20 310.0 10.0 285.4 2.0 0

0.00 100. 1013. 10 ADJ-A1 NoSubs
17 11 9 313 24 -10.2 0.133 -9.000 -9.000 -999. 116. 20.8 0.0330 0.47 1.00 2.08 319.0 10.0 285.9 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 11 10 314 1 -7.6 0.114 -9.000 -9.000 -999. 93. 17.9 0.0380 0.47 1.00 1.77 330.0 10.0 285.9 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 11 10 314 2 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.47 1.00 1.74 351.0 10.0 285.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 11 10 314 3 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.26 324.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 11 10 314 4 -5.8 0.100 -9.000 -9.000 -999. 75. 15.2 0.0330 0.47 1.00 1.59 308.0 10.0 284.2 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 11 10 314 5 -4.7 0.090 -9.000 -9.000 -999. 64. 13.7 0.0330 0.47 1.00 1.43 311.0 10.0 283.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 11 10 314 6 -9.7 0.129 -9.000 -9.000 -999. 112. 20.1 0.0330 0.47 1.00 2.03 309.0 10.0 283.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
17 11 10 314 7 -8.4 0.120 -9.000 -9.000 -999. 99. 18.4 0.0330 0.47 1.00 1.89 314.0 10.0 283.1 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 11 10 314 8 0.4 0.098 0.076 0.006 39. 74. -214.3 0.0260 0.47 0.43 1.43 294.0 10.0 284.9 2.0 0
0.00 96. 1013. 7 ADJ-A1 NoSubs
17 11 10 314 9 28.7 0.096 0.461 0.005 123. 72. -2.8 0.0310 0.47 0.27 0.96 20.0 10.0 286.4 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
17 11 10 314 10 13.9 0.109 0.375 0.005 137. 86. -8.3 0.0330 0.47 0.21 1.23 37.0 10.0 288.1 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
17 11 10 314 11 19.5 0.115 0.449 0.005 168. 94. -7.1 0.0300 0.47 0.19 1.31 101.0 10.0 289.9 2.0 0
0.00 74. 1013. 10 ADJ-A1 NoSubs
17 11 10 314 12 77.9 0.221 1.044 0.005 527. 249. -12.4 0.0370 0.47 0.19 2.54 179.0 10.0 292.0 2.0 0
0.00 69. 1012. 7 ADJ-A1 NoSubs
17 11 10 314 13 76.6 0.337 1.135 0.005 690. 470. -45.2 0.0380 0.47 0.19 4.29 225.0 10.0 292.0 2.0 0
0.00 67. 1011. 7 ADJ-A1 NoSubs
17 11 10 314 14 18.6 0.305 0.719 0.005 722. 406. -138.4 0.0380 0.47 0.20 4.09 229.0 10.0 290.9 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
17 11 10 314 15 12.4 0.186 0.635 0.005 743. 200. -46.5 0.0290 0.47 0.22 2.49 245.0 10.0 290.4 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
17 11 10 314 16 20.0 0.238 0.754 0.005 775. 278. -60.6 0.0230 0.47 0.30 3.37 202.0 10.0 289.2 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
17 11 10 314 17 -12.0 0.215 -9.000 -9.000 -999. 240. 74.8 0.0380 0.47 0.52 3.15 221.0 10.0 287.5 2.0 0
0.00 96. 1012. 7 ADJ-A1 NoSubs
17 11 10 314 18 -5.2 0.094 -9.000 -9.000 -999. 80. 14.7 0.0380 0.47 1.00 1.47 229.0 10.0 288.1 2.0 0
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17 11 10 314 19 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0290 0.47 1.00 1.35 247.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
17 11 10 314 20 -3.7 0.080 -9.000 -9.000 -999. 55. 12.7 0.0380 0.47 1.00 1.23 238.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
17 11 10 314 21 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.47 1.00 1.13 213.0 10.0 287.5 2.0 0
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17 11 10 314 22 -3.5 0.077 -9.000 -9.000 -999. 51. 11.8 0.0260 0.47 1.00 1.26 281.0 10.0 287.0 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
17 11 10 314 23 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.47 1.00 1.20 341.0 10.0 286.4 2.0 0
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17 11 10 314 24 -5.2 0.094 -9.000 -9.000 -999. 69. 14.4 0.0330 0.47 1.00 1.50 300.0 10.0 285.9 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 11 11 315 1 -5.2 0.094 -9.000 -9.000 -999. 69. 14.4 0.0330 0.47 1.00 1.50 321.0 10.0 285.9 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 11 11 315 2 -8.4 0.120 -9.000 -9.000 -999. 99. 18.5 0.0330 0.47 1.00 1.89 305.0 10.0 285.4 2.0 0

0.00 96. 1013. 10 ADJ-A1 NoSubs
17 11 11 315 3 -12.3 0.146 -9.000 -9.000 -999. 134. 23.5 0.0330 0.47 1.00 2.27 303.0 10.0 284.9 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
17 11 11 315 4 -8.8 0.123 -9.000 -9.000 -999. 104. 19.0 0.0330 0.47 1.00 1.94 307.0 10.0 283.8 2.0 0
0.00 100. 1013. 3 ADJ-A1 NoSubs
17 11 11 315 5 -11.1 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.47 1.00 2.16 311.0 10.0 283.1 2.0 0
0.00 100. 1013. 3 ADJ-A1 NoSubs
17 11 11 315 6 -9.2 0.126 -9.000 -9.000 -999. 107. 19.5 0.0330 0.47 1.00 1.98 309.0 10.0 283.1 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 11 11 315 7 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0380 0.47 1.00 1.37 343.0 10.0 283.1 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 11 11 315 8 -2.3 0.071 -9.000 -9.000 -999. 45. 14.0 0.0330 0.47 0.44 1.13 323.0 10.0 283.8 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
17 11 11 315 9 5.2 0.088 0.320 0.005 225. 63. -11.9 0.0330 0.47 0.27 1.04 305.0 10.0 284.9 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
17 11 11 315 10 63.5 0.129 0.952 0.005 492. 111. -3.1 0.0300 0.47 0.21 1.31 102.0 10.0 288.1 2.0 0
0.00 77. 1014. 3 ADJ-A1 NoSubs
17 11 11 315 11 81.2 0.145 1.135 0.005 651. 132. -3.4 0.0370 0.47 0.19 1.42 156.0 10.0 289.9 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
17 11 11 315 12 91.4 0.157 1.262 0.005 794. 149. -3.8 0.0300 0.47 0.19 1.64 100.0 10.0 291.4 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
17 11 11 315 13 89.8 0.218 1.303 0.005 891. 244. -10.4 0.0230 0.47 0.19 2.72 204.0 10.0 291.4 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
17 11 11 315 14 76.8 0.302 1.270 0.005 964. 399. -32.4 0.0380 0.47 0.20 3.76 238.0 10.0 291.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
17 11 11 315 15 52.5 0.321 1.136 0.005 1009. 437. -57.0 0.0380 0.47 0.22 4.14 237.0 10.0 289.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
17 11 11 315 16 19.2 0.288 0.818 0.005 1024. 371. -111.7 0.0290 0.47 0.30 4.02 240.0 10.0 289.2 2.0
0 0.00 77. 1011. 0 ADJ-A1 NoSubs
17 11 11 315 17 -11.4 0.153 -9.000 -9.000 -999. 155. 28.4 0.0290 0.47 0.53 2.40 240.0 10.0 287.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
17 11 11 315 18 -2.3 0.067 -9.000 -9.000 -999. 47. 11.8 0.0380 0.47 1.00 0.91 222.0 10.0 287.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
17 11 11 315 19 -4.1 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.47 1.00 1.31 358.0 10.0 285.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
17 11 11 315 20 -9.8 0.130 -9.000 -9.000 -999. 112. 20.2 0.0310 0.47 1.00 2.06 21.0 10.0 285.4 2.0 0
0.00 96. 1013. 7 ADJ-A1 NoSubs
17 11 11 315 21 -17.9 0.181 -9.000 -9.000 -999. 184. 35.9 0.0290 0.47 1.00 2.83 65.0 10.0 286.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
17 11 11 315 22 -18.4 0.185 -9.000 -9.000 -999. 192. 37.8 0.0290 0.47 1.00 2.90 71.0 10.0 286.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
17 11 11 315 23 -8.1 0.118 -9.000 -9.000 -999. 98. 18.2 0.0330 0.47 1.00 1.86 56.0 10.0 286.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
17 11 11 315 24 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.47 1.00 1.60 7.0 10.0 285.9 2.0 0
0.00 89. 1013. 7 ADJ-A1 NoSubs
17 11 12 316 1 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0310 0.47 1.00 1.52 3.0 10.0 285.4 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
17 11 12 316 2 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0380 0.47 1.00 1.40 331.0 10.0 285.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
17 11 12 316 3 -1.5 0.060 -9.000 -9.000 -999. 35. 12.7 0.0310 0.47 1.00 0.70 15.0 10.0 283.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 11 12 316 4 -6.9 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.47 1.00 1.72 322.0 10.0 283.1 2.0 0
0.00 96. 1014. 3 ADJ-A1 NoSubs
17 11 12 316 5 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0330 0.47 1.00 1.23 325.0 10.0 282.5 2.0 0

0.00 96. 1014. 0 ADJ-A1 NoSubs
17 11 12 316 6 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.47 1.00 0.92 345.0 10.0 282.0 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
17 11 12 316 7 -2.2 0.065 -9.000 -9.000 -999. 40. 11.7 0.0330 0.47 1.00 0.89 45.0 10.0 282.0 2.0 0
0.00 100. 1014. 3 ADJ-A1 NoSubs
17 11 12 316 8 -5.3 0.107 -9.000 -9.000 -999. 84. 20.8 0.0330 0.47 0.44 1.67 44.0 10.0 282.0 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
17 11 12 316 9 4.6 0.081 0.194 0.005 57. 56. -10.6 0.0310 0.47 0.27 0.96 12.0 10.0 282.5 2.0 0
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17 11 12 316 10 58.6 0.179 0.867 0.005 403. 182. -8.8 0.0300 0.47 0.21 2.08 105.0 10.0 286.4 2.0 0
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0.00 55. 1013. 0 ADJ-A1 NoSubs
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17 11 12 316 20 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0330 0.47 1.00 1.57 314.0 10.0 283.8 2.0 0
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0.00 96. 1016. 0 ADJ-A1 NoSubs
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0.00 69. 1016. 10 ADJ-A1 NoSubs
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0 0.00 999. 1016. 99 ADJ-A1 NoSubs
17 11 13 317 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.54 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1016. 99 NAD NoSubs
17 11 13 317 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1016. 99 NAD NoSubs
17 11 13 317 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
17 11 13 317 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
17 11 13 317 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
17 11 13 317 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1018. 99 NAD NoSubs
17 11 13 317 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1018. 99 NAD NoSubs
17 11 13 317 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1018. 99 NAD NoSubs
17 11 14 318 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1018. 99 NAD NoSubs
17 11 14 318 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
17 11 14 318 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
17 11 14 318 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
17 11 14 318 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
17 11 14 318 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
17 11 14 318 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
17 11 14 318 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.45 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 11 14 318 9 30.9 0.119 -9.000 -9.000 -999. 99. -5.0 0.0340 0.47 0.28 1.26 142.0 10.0 289.2 2.0 0
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0.00 60. 1017. 0 ADJ-A1 NoSubs
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17 11 14 318 15 51.3 0.204 -9.000 -9.000 -999. 229. -15.0 0.0290 0.47 0.23 2.52 251.0 10.0 293.8 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
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0.00 55. 1013. 0 ADJ-A1 NoSubs
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0.00 55. 1013. 0 ADJ-A1 NoSubs
17 11 14 318 18 -8.7 0.122 -9.000 -9.000 -999. 103. 19.1 0.0330 0.47 1.00 1.93 310.0 10.0 287.5 2.0 0
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17 11 14 318 22 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.47 1.00 1.38 304.0 10.0 285.9 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
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0.00 96. 1014. 0 ADJ-A1 NoSubs
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0.00 92. 1013. 0 ADJ-A1 NoSubs
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0.00 96. 1013. 0 ADJ-A1 NoSubs
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17 11 15 319 7 -3.1 0.073 -9.000 -9.000 -999. 48. 11.4 0.0260 0.47 1.00 1.18 290.0 10.0 283.8 2.0 0
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17 11 15 319 8 -2.4 0.076 -9.000 -9.000 -999. 50. 15.9 0.0230 0.47 0.46 1.28 194.0 10.0 285.9 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
17 11 15 319 9 29.6 0.156 0.530 0.006 181. 148. -11.6 0.0290 0.47 0.28 1.88 63.0 10.0 287.0 2.0 0
0.00 71. 1011. 5 ADJ-A1 NoSubs
17 11 15 319 10 56.5 0.151 0.850 0.009 391. 140. -5.5 0.0330 0.47 0.22 1.62 56.0 10.0 289.2 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
17 11 15 319 11 78.2 0.187 1.015 0.009 481. 194. -7.5 0.0290 0.47 0.20 2.15 62.0 10.0 292.0 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
17 11 15 319 12 88.6 0.153 1.117 0.010 567. 144. -3.7 0.0260 0.47 0.19 1.65 299.0 10.0 293.8 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
17 11 15 319 13 87.5 0.274 1.194 0.011 701. 344. -21.2 0.0380 0.47 0.19 3.30 230.0 10.0 294.9 2.0 0
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17 11 15 319 14 73.9 0.247 1.147 0.011 736. 294. -18.3 0.0380 0.47 0.20 2.93 233.0 10.0 292.5 2.0 0

0.00 48. 1009. 0 ADJ-A1 NoSubs
17 11 15 319 15 49.8 0.166 1.016 0.011 758. 165. -8.3 0.0230 0.47 0.23 2.03 209.0 10.0 290.9 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
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17 11 15 319 17 -7.6 0.121 -9.000 -9.000 -999. 101. 20.9 0.0290 0.47 0.55 1.93 245.0 10.0 288.1 2.0 0
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17 11 15 319 19 -3.0 0.072 -9.000 -9.000 -999. 47. 11.5 0.0290 0.47 1.00 1.13 253.0 10.0 286.4 2.0 0
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1.80 83. 1007. 10 ADJ-A1 NoSubs
17 11 16 320 9 4.3 0.186 0.245 0.008 121. 192. -132.3 0.0330 0.47 0.28 2.55 320.0 10.0 285.9 2.0 11
2.80 100. 1007. 10 ADJ-A1 NoSubs
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0.30 100. 1007. 10 ADJ-A1 NoSubs
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0.00 100. 1007. 10 ADJ-A1 NoSubs
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0.50 100. 1007. 10 ADJ-A1 NoSubs
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11 1.30 100. 1006. 10 ADJ-A1 NoSubs
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11 10.70 100. 1006. 10 ADJ-A1 NoSubs
17 11 16 320 15 11.2 0.451 0.480 0.006 354. 731. -738.0 0.0230 0.47 0.23 6.80 184.0 10.0 289.9 2.0
11 2.00 100. 1006. 10 ADJ-A1 NoSubs
17 11 16 320 16 3.1 0.405 0.316 0.006 358. 622. -1897.9 0.0230 0.47 0.31 6.14 188.0 10.0 290.4 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
17 11 16 320 17 -36.5 0.435 -9.000 -9.000 -999. 687. 207.7 0.0380 0.47 0.55 6.23 226.0 10.0 288.8 2.0

11 3.80 100. 1006. 10 ADJ-A1 NoSubs
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11 1.80 999. 1007. 10 ADJ-A1 NoSubs
17 11 16 320 19 -22.0 0.224 -9.000 -9.000 -999. 255. 55.2 0.0290 0.47 1.00 3.47 248.0 10.0 287.5 2.0
11 0.50 999. 1007. 10 ADJ-A1 NoSubs
17 11 16 320 20 -13.4 0.153 -9.000 -9.000 -999. 145. 25.7 0.0290 0.47 1.00 2.42 254.0 10.0 287.5 2.0
11 0.80 999. 1008. 10 ADJ-A1 NoSubs
17 11 16 320 21 -4.9 0.092 -9.000 -9.000 -999. 68. 14.3 0.0380 0.47 1.00 1.43 239.0 10.0 287.5 2.0 11
1.80 999. 1008. 10 ADJ-A1 NoSubs
17 11 16 320 22 -14.8 0.161 -9.000 -9.000 -999. 155. 28.5 0.0290 0.47 1.00 2.54 245.0 10.0 287.0 2.0
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17 11 16 320 23 -10.3 0.133 -9.000 -9.000 -999. 117. 20.7 0.0290 0.47 1.00 2.13 254.0 10.0 287.0 2.0
11 0.30 999. 1009. 7 ADJ-A1 NoSubs
17 11 16 320 24 -15.4 0.164 -9.000 -9.000 -999. 160. 29.7 0.0290 0.47 1.00 2.59 241.0 10.0 287.0 2.0 0
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17 11 17 321 1 -18.3 0.186 -9.000 -9.000 -999. 193. 38.1 0.0290 0.47 1.00 2.91 243.0 10.0 287.0 2.0 0
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17 11 17 321 2 -6.0 0.100 -9.000 -9.000 -999. 79. 15.3 0.0290 0.47 1.00 1.64 268.0 10.0 287.0 2.0 0
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17 11 17 321 3 -4.8 0.091 -9.000 -9.000 -999. 66. 14.2 0.0380 0.47 1.00 1.42 237.0 10.0 286.4 2.0 0
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17 11 17 321 4 -17.9 0.181 -9.000 -9.000 -999. 184. 35.9 0.0290 0.47 1.00 2.83 251.0 10.0 285.9 2.0 0
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17 11 17 321 5 -20.5 0.206 -9.000 -9.000 -999. 224. 46.5 0.0290 0.47 1.00 3.20 248.0 10.0 284.2 2.0 0
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17 11 17 321 6 -6.5 0.104 -9.000 -9.000 -999. 85. 15.5 0.0260 0.47 1.00 1.72 299.0 10.0 283.1 2.0 0
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17 11 17 321 7 -6.1 0.101 -9.000 -9.000 -999. 78. 15.5 0.0330 0.47 1.00 1.62 318.0 10.0 282.5 2.0 0
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17 11 17 321 8 -3.6 0.090 -9.000 -9.000 -999. 65. 18.3 0.0330 0.47 0.47 1.42 318.0 10.0 283.8 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 17 321 9 23.3 0.090 0.575 0.005 295. 65. -2.9 0.0300 0.47 0.28 0.91 108.0 10.0 285.9 2.0 0
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17 11 17 321 10 54.5 0.145 1.046 0.005 762. 133. -5.1 0.0290 0.47 0.22 1.59 72.0 10.0 288.1 2.0 0
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17 11 17 321 11 75.9 0.229 1.237 0.005 904. 263. -14.4 0.0380 0.47 0.20 2.66 353.0 10.0 289.9 2.0 0
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17 11 17 321 12 85.9 0.262 1.316 0.005 961. 321. -18.9 0.0380 0.47 0.19 3.12 330.0 10.0 290.4 2.0 0
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17 11 17 321 13 84.5 0.222 1.332 0.005 1014. 252. -11.7 0.0310 0.47 0.19 2.64 23.0 10.0 290.4 2.0 0
0.00 44. 1015. 0 ADJ-A1 NoSubs
17 11 17 321 14 72.0 0.218 1.281 0.005 1057. 245. -13.1 0.0310 0.47 0.20 2.62 24.0 10.0 290.9 2.0 0
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17 11 17 321 15 48.4 0.202 1.132 0.005 1085. 219. -15.5 0.0330 0.47 0.23 2.44 45.0 10.0 290.9 2.0 0
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17 11 17 321 16 15.7 0.214 0.781 0.005 1093. 237. -56.2 0.0330 0.47 0.31 2.83 34.0 10.0 290.4 2.0 0
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17 11 17 321 17 -8.3 0.125 -9.000 -9.000 -999. 110. 21.6 0.0310 0.47 0.56 1.98 20.0 10.0 288.1 2.0 0
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17 11 17 321 18 -6.5 0.105 -9.000 -9.000 -999. 81. 16.1 0.0330 0.47 1.00 1.67 317.0 10.0 284.9 2.0 0
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17 11 17 321 19 -6.8 0.107 -9.000 -9.000 -999. 84. 16.4 0.0330 0.47 1.00 1.71 310.0 10.0 283.1 2.0 0
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17 11 17 321 20 -4.4 0.086 -9.000 -9.000 -999. 61. 13.2 0.0330 0.47 1.00 1.37 316.0 10.0 282.5 2.0 0

0.00 92. 1016. 0 ADJ-A1 NoSubs
17 11 17 321 21 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.47 1.00 1.06 332.0 10.0 280.9 2.0 0
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17 11 17 321 22 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0330 0.47 1.00 1.64 316.0 10.0 280.9 2.0 0
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17 11 17 321 23 -10.1 0.131 -9.000 -9.000 -999. 114. 20.3 0.0330 0.47 1.00 2.06 312.0 10.0 279.9 2.0 0
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17 11 17 321 24 -7.3 0.111 -9.000 -9.000 -999. 88. 16.9 0.0330 0.47 1.00 1.76 314.0 10.0 279.2 2.0 0
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17 11 18 322 1 -11.4 0.140 -9.000 -9.000 -999. 125. 21.6 0.0330 0.47 1.00 2.18 309.0 10.0 279.2 2.0 0
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17 11 18 322 2 -13.4 0.151 -9.000 -9.000 -999. 141. 25.2 0.0330 0.47 1.00 2.35 316.0 10.0 278.8 2.0 0
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17 11 18 322 3 -11.4 0.140 -9.000 -9.000 -999. 125. 21.6 0.0330 0.47 1.00 2.18 315.0 10.0 278.8 2.0 0
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17 11 18 322 4 -8.7 0.122 -9.000 -9.000 -999. 102. 18.9 0.0380 0.47 1.00 1.88 330.0 10.0 278.1 2.0 0
0.00 95. 1016. 0 ADJ-A1 NoSubs
17 11 18 322 5 -7.6 0.113 -9.000 -9.000 -999. 91. 17.1 0.0330 0.47 1.00 1.79 320.0 10.0 277.0 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 11 18 322 6 -4.4 0.085 -9.000 -9.000 -999. 60. 12.9 0.0310 0.47 1.00 1.37 24.0 10.0 278.1 2.0 0
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17 11 18 322 7 -7.0 0.109 -9.000 -9.000 -999. 86. 16.7 0.0380 0.47 1.00 1.69 340.0 10.0 277.0 2.0 0
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17 11 18 322 8 -5.8 0.113 -9.000 -9.000 -999. 91. 22.5 0.0330 0.47 0.48 1.76 313.0 10.0 279.9 2.0 0
0.00 100. 1018. 0 ADJ-A1 NoSubs
17 11 18 322 9 21.9 0.173 0.307 0.005 48. 172. -21.4 0.0290 0.47 0.29 2.20 82.0 10.0 282.5 2.0 0
0.00 83. 1017. 0 ADJ-A1 NoSubs
17 11 18 322 10 53.1 0.189 0.691 0.005 225. 198. -11.6 0.0290 0.47 0.22 2.28 83.0 10.0 285.9 2.0 0
0.00 63. 1017. 0 ADJ-A1 NoSubs
17 11 18 322 11 74.7 0.235 1.062 0.007 582. 273. -15.7 0.0290 0.47 0.20 2.91 65.0 10.0 288.8 2.0 0
0.00 51. 1017. 0 ADJ-A1 NoSubs
17 11 18 322 12 85.1 0.228 1.174 0.007 689. 261. -12.5 0.0290 0.47 0.19 2.76 77.0 10.0 290.4 2.0 0
0.00 45. 1016. 0 ADJ-A1 NoSubs
17 11 18 322 13 83.9 0.268 1.198 0.006 742. 334. -20.9 0.0290 0.47 0.19 3.41 89.0 10.0 290.9 2.0 0
0.00 44. 1015. 0 ADJ-A1 NoSubs
17 11 18 322 14 71.4 0.162 1.156 0.006 783. 161. -5.4 0.0300 0.47 0.20 1.77 115.0 10.0 291.4 2.0 0
0.00 42. 1015. 0 ADJ-A1 NoSubs
17 11 18 322 15 47.7 0.199 1.022 0.006 810. 213. -14.9 0.0230 0.47 0.23 2.57 202.0 10.0 290.9 2.0 0
0.00 49. 1014. 0 ADJ-A1 NoSubs
17 11 18 322 16 14.9 0.284 0.696 0.006 816. 364. -139.4 0.0290 0.47 0.31 4.00 242.0 10.0 289.2 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
17 11 18 322 17 -10.5 0.142 -9.000 -9.000 -999. 143. 24.8 0.0380 0.47 0.56 2.15 232.0 10.0 287.0 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
17 11 18 322 18 -4.4 0.087 -9.000 -9.000 -999. 62. 13.3 0.0330 0.47 1.00 1.38 37.0 10.0 285.9 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
17 11 18 322 19 -7.3 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.47 1.00 1.77 310.0 10.0 283.8 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
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0.00 96. 1015. 0 ADJ-A1 NoSubs
17 11 18 322 21 -12.9 0.149 -9.000 -9.000 -999. 139. 24.6 0.0330 0.47 1.00 2.32 308.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
17 11 18 322 22 -6.7 0.106 -9.000 -9.000 -999. 83. 16.2 0.0330 0.47 1.00 1.69 321.0 10.0 281.4 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
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0.00 100. 1015. 0 ADJ-A1 NoSubs
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17 11 19 323 2 -8.8 0.123 -9.000 -9.000 -999. 103. 19.1 0.0380 0.47 1.00 1.89 336.0 10.0 279.9 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 11 19 323 3 -5.3 0.094 -9.000 -9.000 -999. 69. 14.2 0.0330 0.47 1.00 1.50 311.0 10.0 279.9 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 19 323 4 -5.0 0.091 -9.000 -9.000 -999. 65. 13.6 0.0290 0.47 1.00 1.48 250.0 10.0 279.2 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 11 19 323 5 -3.9 0.081 -9.000 -9.000 -999. 56. 12.5 0.0330 0.47 1.00 1.28 304.0 10.0 277.5 2.0 0
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17 11 19 323 6 -3.8 0.080 -9.000 -9.000 -999. 55. 12.3 0.0330 0.47 1.00 1.26 320.0 10.0 277.5 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
17 11 19 323 7 -2.4 0.067 -9.000 -9.000 -999. 42. 11.3 0.0290 0.47 1.00 0.97 248.0 10.0 278.1 2.0 0
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17 11 19 323 8 -2.4 0.071 -9.000 -9.000 -999. 45. 13.4 0.0290 0.47 0.48 1.16 242.0 10.0 279.9 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
17 11 19 323 9 21.0 0.104 0.343 0.009 69. 81. -4.9 0.0290 0.47 0.29 1.14 87.0 10.0 282.0 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
17 11 19 323 10 52.1 0.170 0.697 0.009 235. 168. -8.5 0.0340 0.47 0.22 1.91 135.0 10.0 285.4 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
17 11 19 323 11 73.5 0.146 0.910 0.007 371. 134. -3.8 0.0340 0.47 0.20 1.48 122.0 10.0 287.0 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
17 11 19 323 12 84.2 0.160 1.041 0.006 484. 153. -4.4 0.0370 0.47 0.19 1.62 153.0 10.0 289.9 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
17 11 19 323 13 83.3 0.152 1.084 0.005 553. 142. -3.8 0.0340 0.47 0.19 1.54 125.0 10.0 291.4 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
17 11 19 323 14 70.7 0.191 1.043 0.005 579. 201. -8.9 0.0230 0.47 0.20 2.35 191.0 10.0 291.4 2.0 0
0.00 47. 1012. 0 ADJ-A1 NoSubs
17 11 19 323 15 46.8 0.264 0.917 0.005 595. 326. -35.6 0.0290 0.47 0.23 3.49 253.0 10.0 289.9 2.0 0
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17 11 19 323 16 14.4 0.181 0.621 0.005 599. 188. -37.3 0.0290 0.47 0.32 2.40 245.0 10.0 289.2 2.0 0
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17 11 19 323 17 -8.8 0.129 -9.000 -9.000 -999. 111. 21.7 0.0290 0.47 0.57 2.05 255.0 10.0 287.5 2.0 0
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17 11 19 323 18 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0300 0.47 1.00 0.97 95.0 10.0 286.4 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
17 11 19 323 19 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0310 0.47 1.00 1.50 4.0 10.0 285.4 2.0 0
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17 11 19 323 20 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.47 1.00 1.54 354.0 10.0 284.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 19 323 21 -7.6 0.114 -9.000 -9.000 -999. 92. 17.4 0.0310 0.47 1.00 1.82 5.0 10.0 284.9 2.0 0
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0.00 100. 1013. 0 ADJ-A1 NoSubs
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0.00 100. 1013. 5 ADJ-A1 NoSubs
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0.00 96. 1012. 7 ADJ-A1 NoSubs
17 11 20 324 1 -8.4 0.119 -9.000 -9.000 -999. 99. 18.1 0.0260 0.47 1.00 1.96 296.0 10.0 284.9 2.0 0
0.00 100. 1012. 7 ADJ-A1 NoSubs
17 11 20 324 2 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0260 0.47 1.00 1.43 274.0 10.0 285.4 2.0 0

0.00 92. 1013. 7 ADJ-A1 NoSubs
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0.00 100. 1013. 10 ADJ-A1 NoSubs
17 11 20 324 4 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.47 1.00 1.43 343.0 10.0 284.2 2.0 0
0.00 100. 1012. 7 ADJ-A1 NoSubs
17 11 20 324 5 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.47 1.00 1.08 315.0 10.0 284.2 2.0 0
0.00 100. 1012. 5 ADJ-A1 NoSubs
17 11 20 324 6 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0330 0.47 1.00 1.70 314.0 10.0 284.2 2.0 0
0.00 100. 1012. 7 ADJ-A1 NoSubs
17 11 20 324 7 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0330 0.47 1.00 1.50 308.0 10.0 284.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 20 324 8 -4.3 0.106 -9.000 -9.000 -999. 83. 25.0 0.0380 0.47 0.49 1.60 335.0 10.0 284.9 2.0 0
0.00 100. 1013. 5 ADJ-A1 NoSubs
17 11 20 324 9 22.2 0.118 0.479 0.008 178. 97. -6.7 0.0380 0.47 0.29 1.26 354.0 10.0 287.5 2.0 0
0.00 83. 1013. 7 ADJ-A1 NoSubs
17 11 20 324 10 46.7 0.158 0.705 0.007 271. 151. -7.7 0.0380 0.47 0.22 1.72 337.0 10.0 290.4 2.0 0
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0.00 46. 1014. 7 ADJ-A1 NoSubs
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0.00 44. 1014. 5 ADJ-A1 NoSubs
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0.00 43. 1013. 3 ADJ-A1 NoSubs
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17 11 20 324 17 -4.2 0.087 -9.000 -9.000 -999. 65. 14.2 0.0230 0.47 0.57 1.48 205.0 10.0 290.9 2.0 0
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17 11 20 324 18 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0330 0.47 1.00 1.16 319.0 10.0 289.9 2.0 0
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0.00 92. 1014. 0 ADJ-A1 NoSubs
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0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 21 325 3 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.47 1.00 1.06 332.0 10.0 286.4 2.0 0
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17 11 21 325 5 -4.2 0.084 -9.000 -9.000 -999. 58. 12.9 0.0310 0.47 1.00 1.35 29.0 10.0 286.4 2.0 0

0.00 92. 1013. 0 ADJ-A1 NoSubs
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0.00 92. 1014. 0 ADJ-A1 NoSubs
17 11 21 325 7 -5.0 0.092 -9.000 -9.000 -999. 67. 14.0 0.0310 0.47 1.00 1.48 23.0 10.0 285.9 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 11 21 325 8 -4.2 0.095 -9.000 -9.000 -999. 70. 18.2 0.0330 0.47 0.50 1.50 327.0 10.0 288.1 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
17 11 21 325 9 21.3 0.104 0.399 0.017 107. 81. -4.8 0.0380 0.47 0.29 1.07 346.0 10.0 291.4 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
17 11 21 325 10 52.6 0.194 0.708 0.017 244. 206. -12.7 0.0290 0.47 0.22 2.36 78.0 10.0 293.8 2.0 0
0.00 52. 1015. 0 ADJ-SFC NoSubs
17 11 21 325 11 74.2 0.295 0.842 0.011 291. 384. -31.3 0.0290 0.47 0.20 3.86 78.0 10.0 295.4 2.0 0
0.00 48. 1015. 0 ADJ-SFC NoSubs
17 11 21 325 12 85.1 0.164 0.926 0.013 338. 169. -4.7 0.0300 0.47 0.19 1.76 106.0 10.0 297.5 2.0 0
0.00 44. 1014. 0 ADJ-SFC NoSubs
17 11 21 325 13 84.5 -9.000 -9.000 -9.000 379. -999. -99999.0 0.0317 0.47 0.19 0.00 0.0 10.0 299.2 2.0
0 0.00 40. 1013. 0 ADJ-SFC NoSubs
17 11 21 325 14 72.4 -9.000 -9.000 -9.000 449. -999. -99999.0 0.0317 0.47 0.20 0.00 0.0 10.0 300.4 2.0
0 0.00 40. 1012. 0 ADJ-SFC NoSubs
17 11 21 325 15 49.1 0.195 0.879 0.010 499. 206. -13.5 0.0300 0.47 0.23 2.36 105.0 10.0 300.4 2.0 0
0.00 41. 1012. 0 ADJ-SFC NoSubs
17 11 21 325 16 16.6 0.181 0.614 0.009 503. 185. -32.2 0.0300 0.47 0.32 2.36 102.0 10.0 299.2 2.0 0
0.00 44. 1012. 0 ADJ-SFC NoSubs
17 11 21 325 17 -6.4 0.110 -9.000 -9.000 -999. 89. 18.7 0.0300 0.47 0.58 1.76 112.0 10.0 295.9 2.0 0
0.00 54. 1012. 0 ADJ-SFC NoSubs
17 11 21 325 18 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0330 0.47 1.00 1.76 322.0 10.0 293.1 2.0 0
0.00 77. 1012. 0 ADJ-SFC NoSubs
17 11 21 325 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 291.4 2.0
0 0.00 80. 1013. 0 ADJ-SFC NoSubs
17 11 21 325 20 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.47 1.00 1.28 316.0 10.0 290.4 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
17 11 21 325 21 -8.8 0.124 -9.000 -9.000 -999. 105. 19.7 0.0380 0.47 1.00 1.91 341.0 10.0 289.2 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
17 11 21 325 22 -5.0 0.093 -9.000 -9.000 -999. 68. 14.5 0.0380 0.47 1.00 1.45 334.0 10.0 288.1 2.0 0
0.00 93. 1014. 0 ADJ-A1 NoSubs
17 11 21 325 23 -7.9 0.116 -9.000 -9.000 -999. 95. 18.0 0.0330 0.47 1.00 1.84 307.0 10.0 287.5 2.0 0
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17 11 21 325 24 -4.9 0.090 -9.000 -9.000 -999. 65. 13.6 0.0260 0.47 1.00 1.50 290.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 1 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0310 0.47 1.00 1.06 10.0 10.0 286.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 2 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0310 0.47 1.00 1.06 3.0 10.0 285.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 3 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.26 323.0 10.0 285.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 4 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0330 0.47 1.00 1.57 315.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 22 326 5 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0330 0.47 1.00 1.64 309.0 10.0 284.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 22 326 6 -3.5 0.077 -9.000 -9.000 -999. 52. 12.1 0.0330 0.47 1.00 1.21 56.0 10.0 285.4 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 22 326 7 -2.9 0.071 -9.000 -9.000 -999. 46. 11.5 0.0310 0.47 1.00 1.09 23.0 10.0 284.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 8 -6.9 0.121 -9.000 -9.000 -999. 101. 23.5 0.0380 0.47 0.50 1.84 239.0 10.0 287.0 2.0 0

0.00 96. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 9 20.2 0.120 0.327 0.020 62. 99. -7.7 0.0230 0.47 0.30 1.45 190.0 10.0 290.4 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 10 51.6 0.151 0.602 0.022 152. 141. -6.1 0.0340 0.47 0.23 1.64 138.0 10.0 293.1 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 11 73.4 0.150 0.799 0.019 252. 140. -4.2 0.0300 0.47 0.20 1.59 102.0 10.0 295.4 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 12 84.5 0.204 0.881 0.017 292. 221. -9.0 0.0290 0.47 0.19 2.39 81.0 10.0 298.1 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
17 11 22 326 13 83.8 0.183 0.979 0.016 404. 188. -6.6 0.0300 0.47 0.19 2.06 118.0 10.0 299.2 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
17 11 22 326 14 70.5 0.183 0.977 0.015 477. 187. -7.8 0.0380 0.47 0.20 1.99 232.0 10.0 297.0 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
17 11 22 326 15 47.3 0.185 0.862 0.014 489. 190. -12.0 0.0290 0.47 0.24 2.23 240.0 10.0 297.0 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
17 11 22 326 16 14.9 0.100 0.588 0.014 492. 79. -6.1 0.0230 0.47 0.32 1.18 199.0 10.0 295.9 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
17 11 22 326 17 -14.7 0.173 -9.000 -9.000 -999. 173. 32.9 0.0300 0.47 0.58 2.69 118.0 10.0 290.4 2.0 0
0.00 93. 1012. 0 ADJ-A1 NoSubs
17 11 22 326 18 -6.5 0.106 -9.000 -9.000 -999. 84. 16.5 0.0370 0.47 1.00 1.65 171.0 10.0 289.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 22 326 19 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0370 0.47 1.00 0.86 158.0 10.0 289.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 22 326 20 -2.3 0.066 -9.000 -9.000 -999. 41. 11.4 0.0310 0.47 1.00 0.94 3.0 10.0 289.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 22 326 21 -5.5 0.097 -9.000 -9.000 -999. 73. 15.0 0.0330 0.47 1.00 1.55 305.0 10.0 289.2 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 22 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0330 0.47 1.00 1.64 329.0 10.0 288.1 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 23 -12.5 0.148 -9.000 -9.000 -999. 137. 24.2 0.0330 0.47 1.00 2.30 308.0 10.0 288.1 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 22 326 24 -8.2 0.118 -9.000 -9.000 -999. 98. 18.4 0.0330 0.47 1.00 1.87 320.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 23 327 1 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0330 0.47 1.00 1.64 325.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 23 327 2 -5.9 0.100 -9.000 -9.000 -999. 76. 15.4 0.0330 0.47 1.00 1.60 326.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 23 327 3 -6.3 0.103 -9.000 -9.000 -999. 80. 15.9 0.0330 0.47 1.00 1.65 316.0 10.0 287.0 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 23 327 4 -4.7 0.088 -9.000 -9.000 -999. 63. 13.3 0.0260 0.47 1.00 1.47 296.0 10.0 285.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 23 327 5 -7.8 0.115 -9.000 -9.000 -999. 93. 17.4 0.0260 0.47 1.00 1.89 288.0 10.0 287.0 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 23 327 6 -9.4 0.126 -9.000 -9.000 -999. 108. 19.4 0.0260 0.47 1.00 2.07 277.0 10.0 286.4 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 23 327 7 -5.8 0.099 -9.000 -9.000 -999. 74. 15.0 0.0290 0.47 1.00 1.61 260.0 10.0 285.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 23 327 8 -3.7 0.087 -9.000 -9.000 -999. 61. 16.1 0.0380 0.47 0.51 1.35 335.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
17 11 23 327 9 19.2 0.103 0.355 0.019 84. 79. -5.1 0.0290 0.47 0.30 1.13 66.0 10.0 289.2 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
17 11 23 327 10 50.4 0.163 0.610 0.016 162. 158. -7.7 0.0290 0.47 0.23 1.88 69.0 10.0 292.0 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
17 11 23 327 11 72.2 0.129 0.793 0.015 250. 111. -2.7 0.0340 0.47 0.20 1.25 125.0 10.0 294.2 2.0 0

0.00 63. 1014. 0 ADJ-A1 NoSubs
17 11 23 327 12 83.2 0.130 0.906 0.015 323. 112. -2.4 0.0340 0.47 0.19 1.23 141.0 10.0 296.4 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
17 11 23 327 13 82.3 0.135 0.983 0.015 417. 118. -2.7 0.0310 0.47 0.19 1.33 10.0 10.0 297.0 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
17 11 23 327 14 69.9 0.182 0.964 0.015 463. 186. -7.7 0.0230 0.47 0.20 2.20 208.0 10.0 297.0 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
17 11 23 327 15 46.3 0.178 0.850 0.014 478. 180. -11.0 0.0290 0.47 0.24 2.13 240.0 10.0 295.9 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
17 11 23 327 16 13.9 0.126 0.571 0.014 481. 107. -12.9 0.0230 0.47 0.32 1.60 180.0 10.0 294.2 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
17 11 23 327 17 -5.7 0.101 -9.000 -9.000 -999. 77. 16.4 0.0230 0.47 0.59 1.71 182.0 10.0 290.9 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
17 11 23 327 18 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0300 0.47 1.00 1.50 115.0 10.0 290.4 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
17 11 23 327 19 -4.2 0.086 -9.000 -9.000 -999. 60. 13.4 0.0380 0.47 1.00 1.33 218.0 10.0 289.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
17 11 23 327 20 -8.8 0.124 -9.000 -9.000 -999. 105. 19.7 0.0380 0.47 1.00 1.91 227.0 10.0 289.2 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
17 11 23 327 21 -4.5 0.088 -9.000 -9.000 -999. 62. 13.5 0.0330 0.47 1.00 1.40 329.0 10.0 288.8 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 23 327 22 -4.7 0.090 -9.000 -9.000 -999. 64. 13.8 0.0330 0.47 1.00 1.43 319.0 10.0 289.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 23 327 23 -2.9 0.073 -9.000 -9.000 -999. 47. 12.0 0.0380 0.47 1.00 1.08 346.0 10.0 288.8 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 23 327 24 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0330 0.47 1.00 1.59 305.0 10.0 288.8 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 24 328 1 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.25 326.0 10.0 288.1 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 24 328 2 -5.5 0.096 -9.000 -9.000 -999. 72. 14.8 0.0330 0.47 1.00 1.54 321.0 10.0 288.1 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 24 328 3 -5.5 0.096 -9.000 -9.000 -999. 72. 14.8 0.0330 0.47 1.00 1.54 315.0 10.0 287.5 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 11 24 328 4 -3.8 0.081 -9.000 -9.000 -999. 55. 12.3 0.0260 0.47 1.00 1.33 299.0 10.0 287.5 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
17 11 24 328 5 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.47 1.00 1.35 311.0 10.0 287.5 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 11 24 328 6 -5.2 0.093 -9.000 -9.000 -999. 68. 14.0 0.0260 0.47 1.00 1.55 297.0 10.0 287.5 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 11 24 328 7 -5.3 0.094 -9.000 -9.000 -999. 69. 14.2 0.0260 0.47 1.00 1.57 291.0 10.0 285.9 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 11 24 328 8 -5.3 0.103 -9.000 -9.000 -999. 79. 18.5 0.0260 0.47 0.52 1.69 285.0 10.0 287.0 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 11 24 328 9 18.8 0.131 0.361 0.010 90. 114. -10.8 0.0380 0.47 0.30 1.48 230.0 10.0 290.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
17 11 24 328 10 49.8 0.135 0.700 0.012 248. 119. -4.4 0.0340 0.47 0.23 1.40 147.0 10.0 292.5 2.0 0
0.00 78. 1013. 0 ADJ-A1 NoSubs
17 11 24 328 11 71.7 0.147 0.949 0.014 431. 135. -4.0 0.0300 0.47 0.20 1.55 118.0 10.0 294.9 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
17 11 24 328 12 82.1 0.160 1.027 0.013 476. 154. -4.5 0.0300 0.47 0.19 1.72 92.0 10.0 295.4 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
17 11 24 328 13 81.6 0.186 1.054 0.012 517. 193. -7.2 0.0340 0.47 0.19 2.06 128.0 10.0 297.0 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
17 11 24 328 14 69.5 0.177 1.020 0.011 550. 179. -7.2 0.0380 0.47 0.21 1.91 210.0 10.0 297.5 2.0 0

0.00 53. 1009. 0 ADJ-A1 NoSubs
17 11 24 328 15 46.2 0.182 0.901 0.011 570. 187. -11.8 0.0290 0.47 0.24 2.20 244.0 10.0 297.0 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
17 11 24 328 16 14.0 0.163 0.608 0.011 575. 157. -27.5 0.0290 0.47 0.33 2.11 257.0 10.0 295.9 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
17 11 24 328 17 -2.3 0.066 -9.000 -9.000 -999. 47. 11.5 0.0290 0.47 0.59 1.03 246.0 10.0 293.8 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
17 11 24 328 18 -4.8 0.090 -9.000 -9.000 -999. 65. 13.7 0.0260 0.47 1.00 1.50 279.0 10.0 291.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
17 11 24 328 19 -8.9 0.125 -9.000 -9.000 -999. 106. 19.5 0.0330 0.47 1.00 1.96 325.0 10.0 289.9 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
17 11 24 328 20 -10.8 0.138 -9.000 -9.000 -999. 123. 21.7 0.0330 0.47 1.00 2.15 314.0 10.0 289.2 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
17 11 24 328 21 -5.5 0.097 -9.000 -9.000 -999. 73. 15.0 0.0330 0.47 1.00 1.55 318.0 10.0 289.9 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
17 11 24 328 22 -4.4 0.087 -9.000 -9.000 -999. 61. 13.4 0.0330 0.47 1.00 1.38 308.0 10.0 289.2 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
17 11 24 328 23 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0330 0.47 1.00 1.84 318.0 10.0 288.8 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
17 11 24 328 24 -6.0 0.102 -9.000 -9.000 -999. 78. 15.6 0.0330 0.47 1.00 1.62 324.0 10.0 287.0 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
17 11 25 329 1 -4.1 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.47 1.00 1.31 351.0 10.0 287.5 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 2 -8.0 0.117 -9.000 -9.000 -999. 96. 18.0 0.0290 0.47 1.00 1.89 74.0 10.0 287.5 2.0 0
0.00 93. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 3 -9.4 0.128 -9.000 -9.000 -999. 110. 20.0 0.0330 0.47 1.00 2.01 38.0 10.0 287.5 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 4 -12.5 0.148 -9.000 -9.000 -999. 137. 24.2 0.0330 0.47 1.00 2.30 45.0 10.0 288.1 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
17 11 25 329 5 -15.3 0.165 -9.000 -9.000 -999. 161. 29.9 0.0330 0.47 1.00 2.54 44.0 10.0 289.2 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
17 11 25 329 6 -6.7 0.107 -9.000 -9.000 -999. 85. 16.6 0.0330 0.47 1.00 1.71 41.0 10.0 287.0 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
17 11 25 329 7 -4.4 0.086 -9.000 -9.000 -999. 60. 13.1 0.0290 0.47 1.00 1.40 248.0 10.0 286.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 8 -3.1 0.079 -9.000 -9.000 -999. 53. 14.2 0.0380 0.47 0.52 1.23 351.0 10.0 287.0 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 9 17.8 0.115 0.364 0.014 97. 94. -7.7 0.0290 0.47 0.30 1.33 240.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
17 11 25 329 10 49.0 0.105 0.661 0.016 212. 82. -2.2 0.0330 0.47 0.23 0.99 320.0 10.0 292.5 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
17 11 25 329 11 71.1 0.130 0.828 0.014 287. 112. -2.8 0.0340 0.47 0.20 1.26 126.0 10.0 295.4 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
17 11 25 329 12 81.6 0.131 0.907 0.012 329. 114. -2.5 0.0340 0.47 0.19 1.25 132.0 10.0 295.9 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 13 81.0 0.123 0.936 0.010 364. 103. -2.0 0.0230 0.47 0.20 1.25 186.0 10.0 297.0 2.0 0
0.00 43. 1008. 0 ADJ-A1 NoSubs
17 11 25 329 14 68.5 0.214 0.906 0.009 390. 237. -12.8 0.0230 0.47 0.21 2.72 201.0 10.0 296.4 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
17 11 25 329 15 44.9 0.317 0.815 0.009 434. 428. -63.6 0.0290 0.47 0.24 4.32 256.0 10.0 294.9 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 16 13.1 0.202 0.547 0.009 449. 225. -56.7 0.0290 0.47 0.33 2.74 257.0 10.0 294.2 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 17 -3.9 0.084 -9.000 -9.000 -999. 70. 13.9 0.0330 0.47 0.59 1.35 311.0 10.0 292.5 2.0 0

0.00 58. 1008. 0 ADJ-A1 NoSubs
17 11 25 329 18 -6.9 0.110 -9.000 -9.000 -999. 87. 17.0 0.0330 0.47 1.00 1.74 313.0 10.0 291.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 19 -23.0 0.237 -9.000 -9.000 -999. 277. 61.7 0.0290 0.47 1.00 3.66 264.0 10.0 291.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
17 11 25 329 20 -17.5 0.181 -9.000 -9.000 -999. 186. 36.2 0.0260 0.47 1.00 2.89 277.0 10.0 292.0 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
17 11 25 329 21 -11.4 0.141 -9.000 -9.000 -999. 128. 22.3 0.0330 0.47 1.00 2.20 328.0 10.0 289.2 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
17 11 25 329 22 -7.0 0.109 -9.000 -9.000 -999. 87. 17.0 0.0330 0.47 1.00 1.74 307.0 10.0 288.8 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
17 11 25 329 23 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0260 0.47 1.00 1.81 285.0 10.0 290.4 2.0 0
0.00 75. 1011. 0 ADJ-A1 NoSubs
17 11 25 329 24 -19.7 0.202 -9.000 -9.000 -999. 218. 44.8 0.0260 0.47 1.00 3.20 275.0 10.0 290.4 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
17 11 26 330 1 -17.8 0.183 -9.000 -9.000 -999. 188. 36.8 0.0290 0.47 1.00 2.86 266.0 10.0 289.9 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
17 11 26 330 2 -21.6 0.221 -9.000 -9.000 -999. 249. 53.5 0.0290 0.47 1.00 3.42 261.0 10.0 289.2 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
17 11 26 330 3 -17.4 0.178 -9.000 -9.000 -999. 181. 34.9 0.0290 0.47 1.00 2.79 252.0 10.0 289.2 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 11 26 330 4 -16.3 0.169 -9.000 -9.000 -999. 167. 31.5 0.0290 0.47 1.00 2.66 245.0 10.0 288.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 11 26 330 5 -10.8 0.137 -9.000 -9.000 -999. 121. 21.3 0.0290 0.47 1.00 2.18 265.0 10.0 288.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
17 11 26 330 6 -20.5 0.209 -9.000 -9.000 -999. 230. 48.1 0.0290 0.47 1.00 3.25 259.0 10.0 288.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
17 11 26 330 7 -31.5 0.320 -9.000 -9.000 -999. 434. 112.6 0.0380 0.47 1.00 4.66 219.0 10.0 287.5 2.0 0
0.00 100. 1012. 5 ADJ-A1 NoSubs
17 11 26 330 8 -16.3 0.219 -9.000 -9.000 -999. 251. 58.0 0.0230 0.47 0.53 3.51 196.0 10.0 288.1 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
17 11 26 330 9 17.0 0.166 0.326 0.007 73. 164. -24.4 0.0380 0.47 0.31 2.03 216.0 10.0 289.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
17 11 26 330 10 43.2 0.207 0.587 0.006 168. 227. -18.6 0.0290 0.47 0.23 2.61 82.0 10.0 291.4 2.0 0
0.00 80. 1012. 7 ADJ-A1 NoSubs
17 11 26 330 11 16.3 0.119 0.445 0.006 195. 101. -9.3 0.0310 0.47 0.20 1.38 21.0 10.0 290.4 2.0 0
0.00 90. 1012. 10 ADJ-A1 NoSubs
17 11 26 330 12 19.0 0.126 0.500 0.006 237. 107. -9.5 0.0260 0.47 0.20 1.52 287.0 10.0 290.9 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
17 11 26 330 13 18.5 0.182 0.518 0.006 270. 186. -29.3 0.0380 0.47 0.20 2.25 231.0 10.0 289.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
17 11 26 330 14 15.6 0.137 0.505 0.005 296. 122. -14.9 0.0230 0.47 0.21 1.77 201.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
17 11 26 330 15 9.5 0.134 0.434 0.005 310. 117. -22.7 0.0380 0.47 0.24 1.62 348.0 10.0 288.8 2.0 11
0.80 100. 1009. 10 ADJ-A1 NoSubs
17 11 26 330 16 1.6 0.155 0.239 0.005 312. 147. -216.4 0.0380 0.47 0.33 2.11 220.0 10.0 288.8 2.0 11
2.80 999. 1009. 10 ADJ-A1 NoSubs
17 11 26 330 17 -36.6 0.406 -9.000 -9.000 -999. 620. 180.9 0.0380 0.47 0.60 5.84 211.0 10.0 288.1 2.0
11 4.80 999. 1009. 10 ADJ-A1 NoSubs
17 11 26 330 18 -32.7 0.334 -9.000 -9.000 -999. 466. 122.4 0.0380 0.47 1.00 4.85 210.0 10.0 288.1 2.0
11 2.00 999. 1009. 10 ADJ-A1 NoSubs
17 11 26 330 19 -29.5 0.302 -9.000 -9.000 -999. 398. 100.1 0.0230 0.47 1.00 4.80 195.0 10.0 288.1 2.0
11 0.30 999. 1008. 10 ADJ-A1 NoSubs
17 11 26 330 20 -32.5 0.331 -9.000 -9.000 -999. 458. 120.8 0.0380 0.47 1.00 4.82 216.0 10.0 288.1 2.0

11 1.30 999. 1009. 10 ADJ-A1 NoSubs
17 11 26 330 21 -26.1 0.266 -9.000 -9.000 -999. 331. 77.7 0.0380 0.47 1.00 3.90 236.0 10.0 287.5 2.0 0
0.00 999. 1009. 7 ADJ-A1 NoSubs
17 11 26 330 22 -22.6 0.230 -9.000 -9.000 -999. 265. 58.0 0.0380 0.47 1.00 3.39 232.0 10.0 287.5 2.0 0
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17 11 26 330 23 -22.6 0.230 -9.000 -9.000 -999. 264. 58.0 0.0380 0.47 1.00 3.39 214.0 10.0 287.0 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
17 11 26 330 24 -11.4 0.142 -9.000 -9.000 -999. 131. 22.6 0.0380 0.47 1.00 2.16 210.0 10.0 286.4 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
17 11 27 331 1 -19.0 0.192 -9.000 -9.000 -999. 202. 40.7 0.0230 0.47 1.00 3.12 194.0 10.0 285.9 2.0 0
0.00 92. 1008. 7 ADJ-A1 NoSubs
17 11 27 331 2 -39.4 0.397 -9.000 -9.000 -999. 600. 173.2 0.0380 0.47 1.00 5.73 236.0 10.0 284.2 2.0
11 3.00 999. 1009. 7 ADJ-A1 NoSubs
17 11 27 331 3 -11.8 0.143 -9.000 -9.000 -999. 214. 22.4 0.0290 0.47 1.00 2.27 255.0 10.0 283.8 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
17 11 27 331 4 -2.2 0.066 -9.000 -9.000 -999. 60. 11.5 0.0310 0.47 1.00 0.92 18.0 10.0 283.1 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
17 11 27 331 5 -3.1 0.074 -9.000 -9.000 -999. 48. 11.6 0.0290 0.47 1.00 1.16 70.0 10.0 283.1 2.0 0
0.00 999. 1010. 7 ADJ-A1 NoSubs
17 11 27 331 6 -11.6 0.140 -9.000 -9.000 -999. 126. 21.7 0.0260 0.47 1.00 2.28 294.0 10.0 282.5 2.0 0
0.00 999. 1011. 3 ADJ-A1 NoSubs
17 11 27 331 7 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0330 0.47 1.00 1.42 311.0 10.0 281.4 2.0 0
0.00 999. 1012. 0 ADJ-A1 NoSubs
17 11 27 331 8 -4.5 0.093 -9.000 -9.000 -999. 68. 15.9 0.0330 0.47 0.54 1.48 320.0 10.0 282.0 2.0 0
0.00 999. 1013. 0 ADJ-A1 NoSubs
17 11 27 331 9 19.2 0.117 0.488 0.005 219. 96. -7.6 0.0330 0.47 0.31 1.31 325.0 10.0 283.8 2.0 0
0.00 999. 1014. 3 ADJ-A1 NoSubs
17 11 27 331 10 45.9 0.137 0.795 0.005 395. 122. -5.1 0.0370 0.47 0.23 1.42 179.0 10.0 286.4 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
17 11 27 331 11 58.1 0.162 1.125 0.005 888. 156. -6.6 0.0300 0.47 0.20 1.82 111.0 10.0 287.0 2.0 0
0.00 68. 1015. 7 ADJ-A1 NoSubs
17 11 27 331 12 18.0 0.125 0.782 0.005 959. 106. -9.8 0.0300 0.47 0.20 1.47 103.0 10.0 287.5 2.0 0
0.00 66. 1014. 10 ADJ-A1 NoSubs
17 11 27 331 13 18.1 0.234 0.801 0.005 1026. 271. -63.8 0.0380 0.47 0.20 3.03 223.0 10.0 288.8 2.0 0
0.00 64. 1014. 10 ADJ-A1 NoSubs
17 11 27 331 14 65.1 0.220 1.304 0.005 1233. 249. -14.9 0.0380 0.47 0.21 2.57 213.0 10.0 288.8 2.0 0
0.00 56. 1014. 0 ADJ-A1 NoSubs
17 11 27 331 15 38.8 0.158 1.158 0.005 1450. 152. -9.3 0.0370 0.47 0.24 1.77 157.0 10.0 289.2 2.0 0
0.00 53. 1014. 7 ADJ-A1 NoSubs
17 11 27 331 16 10.5 0.117 0.752 0.005 1457. 96. -13.7 0.0300 0.47 0.33 1.42 117.0 10.0 287.5 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
17 11 27 331 17 -2.7 0.071 -9.000 -9.000 -999. 45. 11.5 0.0260 0.47 0.60 1.14 284.0 10.0 287.0 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
17 11 27 331 18 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0260 0.47 1.00 1.31 298.0 10.0 284.2 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
17 11 27 331 19 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0330 0.47 1.00 1.31 323.0 10.0 283.8 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
17 11 27 331 20 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0330 0.47 1.00 1.50 31.0 10.0 280.9 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
17 11 27 331 21 -8.3 0.118 -9.000 -9.000 -999. 97. 17.8 0.0260 0.47 1.00 1.94 294.0 10.0 282.0 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
17 11 27 331 22 -16.2 0.168 -9.000 -9.000 -999. 166. 31.1 0.0330 0.47 1.00 2.59 310.0 10.0 280.9 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
17 11 27 331 23 -15.4 0.163 -9.000 -9.000 -999. 158. 29.3 0.0330 0.47 1.00 2.52 308.0 10.0 280.4 2.0 0

0.00 92. 1015. 0 ADJ-A1 NoSubs
17 11 27 331 24 -8.6 0.121 -9.000 -9.000 -999. 101. 18.6 0.0330 0.47 1.00 1.91 324.0 10.0 279.9 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 11 28 332 1 -9.8 0.129 -9.000 -9.000 -999. 111. 19.9 0.0330 0.47 1.00 2.03 316.0 10.0 279.9 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 11 28 332 2 -9.8 0.129 -9.000 -9.000 -999. 111. 19.9 0.0330 0.47 1.00 2.03 304.0 10.0 279.9 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 11 28 332 3 -6.1 0.101 -9.000 -9.000 -999. 78. 15.4 0.0330 0.47 1.00 1.62 306.0 10.0 279.2 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 11 28 332 4 -9.8 0.129 -9.000 -9.000 -999. 111. 19.9 0.0330 0.47 1.00 2.03 319.0 10.0 278.8 2.0 0
0.00 91. 1014. 0 ADJ-A1 NoSubs
17 11 28 332 5 -3.7 0.080 -9.000 -9.000 -999. 54. 12.3 0.0330 0.47 1.00 1.25 311.0 10.0 278.1 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
17 11 28 332 6 -4.9 0.091 -9.000 -9.000 -999. 66. 14.0 0.0380 0.47 1.00 1.42 336.0 10.0 278.8 2.0 0
0.00 91. 1014. 0 ADJ-A1 NoSubs
17 11 28 332 7 -5.3 0.094 -9.000 -9.000 -999. 70. 14.4 0.0380 0.47 1.00 1.47 330.0 10.0 278.1 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 11 28 332 8 -2.5 0.070 -9.000 -9.000 -999. 44. 12.3 0.0380 0.47 0.54 1.06 332.0 10.0 279.9 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
17 11 28 332 9 14.0 0.104 0.280 0.006 56. 80. -7.2 0.0300 0.47 0.31 1.18 112.0 10.0 282.0 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
17 11 28 332 10 44.8 0.194 0.638 0.005 210. 205. -14.8 0.0290 0.47 0.23 2.39 82.0 10.0 284.2 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
17 11 28 332 11 66.5 0.185 0.883 0.005 374. 191. -8.6 0.0290 0.47 0.21 2.16 85.0 10.0 286.4 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
17 11 28 332 12 77.3 0.117 1.056 0.005 551. 97. -1.9 0.0340 0.47 0.20 1.06 133.0 10.0 288.1 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
17 11 28 332 13 76.7 0.154 1.135 0.005 689. 145. -4.3 0.0340 0.47 0.20 1.59 134.0 10.0 288.8 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
17 11 28 332 14 64.9 0.168 1.130 0.009 804. 166. -6.6 0.0370 0.47 0.21 1.81 168.0 10.0 289.9 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
17 11 28 332 15 42.0 0.193 0.998 0.010 854. 204. -15.5 0.0230 0.47 0.24 2.50 204.0 10.0 289.2 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
17 11 28 332 16 10.5 0.176 0.632 0.010 867. 178. -47.1 0.0380 0.47 0.33 2.25 236.0 10.0 288.8 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
17 11 28 332 17 -5.0 0.094 -9.000 -9.000 -999. 72. 15.0 0.0290 0.47 0.60 1.54 254.0 10.0 286.4 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
17 11 28 332 18 -2.3 0.066 -9.000 -9.000 -999. 41. 11.3 0.0290 0.47 1.00 0.96 255.0 10.0 284.2 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
17 11 28 332 19 -4.9 0.090 -9.000 -9.000 -999. 65. 13.5 0.0260 0.47 1.00 1.50 297.0 10.0 283.1 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
17 11 28 332 20 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.47 1.00 1.86 305.0 10.0 282.5 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
17 11 28 332 21 -13.2 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.47 1.00 2.35 308.0 10.0 282.5 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
17 11 28 332 22 -15.3 0.163 -9.000 -9.000 -999. 158. 29.4 0.0330 0.47 1.00 2.52 321.0 10.0 281.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
17 11 28 332 23 -14.1 0.156 -9.000 -9.000 -999. 148. 26.9 0.0330 0.47 1.00 2.42 311.0 10.0 282.0 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
17 11 28 332 24 -7.6 0.114 -9.000 -9.000 -999. 92. 17.6 0.0380 0.47 1.00 1.76 334.0 10.0 280.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 11 29 333 1 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.47 1.00 1.67 345.0 10.0 281.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
17 11 29 333 2 -7.6 0.114 -9.000 -9.000 -999. 92. 17.6 0.0380 0.47 1.00 1.76 355.0 10.0 280.4 2.0 0

0.00 92. 1014. 0 ADJ-A1 NoSubs
17 11 29 333 3 -8.4 0.120 -9.000 -9.000 -999. 99. 18.3 0.0330 0.47 1.00 1.89 313.0 10.0 279.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 11 29 333 4 -4.8 0.090 -9.000 -9.000 -999. 64. 13.6 0.0330 0.47 1.00 1.43 329.0 10.0 279.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 11 29 333 5 -3.6 0.079 -9.000 -9.000 -999. 53. 12.4 0.0380 0.47 1.00 1.20 332.0 10.0 279.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
17 11 29 333 6 -8.0 0.116 -9.000 -9.000 -999. 95. 17.8 0.0330 0.47 1.00 1.84 312.0 10.0 279.9 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 11 29 333 7 -4.1 0.083 -9.000 -9.000 -999. 57. 12.6 0.0310 0.47 1.00 1.33 1.0 10.0 279.2 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
17 11 29 333 8 -4.8 0.094 -9.000 -9.000 -999. 69. 15.7 0.0330 0.47 0.55 1.50 313.0 10.0 280.4 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
17 11 29 333 9 13.5 0.080 0.285 0.009 62. 54. -3.5 0.0370 0.47 0.32 0.79 179.0 10.0 283.1 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
17 11 29 333 10 44.3 0.100 0.586 0.008 164. 76. -2.1 0.0370 0.47 0.23 0.91 155.0 10.0 285.4 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
17 11 29 333 11 66.2 0.127 0.789 0.006 269. 108. -2.8 0.0340 0.47 0.21 1.23 125.0 10.0 288.1 2.0 0
0.00 61. 1016. 0 ADJ-A1 NoSubs
17 11 29 333 12 77.1 0.151 0.966 0.005 422. 141. -4.1 0.0340 0.47 0.20 1.55 145.0 10.0 289.9 2.0 0
0.00 53. 1015. 0 ADJ-A1 NoSubs
17 11 29 333 13 76.7 0.120 1.042 0.005 533. 100. -2.1 0.0230 0.47 0.20 1.23 200.0 10.0 290.9 2.0 0
0.00 49. 1014. 0 ADJ-A1 NoSubs
17 11 29 333 14 64.8 0.141 1.031 0.006 612. 127. -3.9 0.0230 0.47 0.21 1.57 181.0 10.0 291.4 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
17 11 29 333 15 42.0 0.209 0.914 0.007 656. 229. -19.6 0.0380 0.47 0.24 2.50 217.0 10.0 290.9 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
17 11 29 333 16 10.3 0.216 0.575 0.007 665. 240. -87.8 0.0380 0.47 0.33 2.84 235.0 10.0 289.2 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
17 11 29 333 17 -4.6 0.090 -9.000 -9.000 -999. 77. 14.3 0.0290 0.47 0.61 1.47 266.0 10.0 287.5 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
17 11 29 333 18 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.26 324.0 10.0 284.2 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
17 11 29 333 19 -13.2 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.47 1.00 2.35 306.0 10.0 284.2 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
17 11 29 333 20 -6.1 0.101 -9.000 -9.000 -999. 78. 15.5 0.0330 0.47 1.00 1.62 315.0 10.0 283.1 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
17 11 29 333 21 -14.1 0.156 -9.000 -9.000 -999. 148. 26.9 0.0330 0.47 1.00 2.42 306.0 10.0 283.1 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
17 11 29 333 22 -12.3 0.146 -9.000 -9.000 -999. 134. 23.4 0.0330 0.47 1.00 2.27 317.0 10.0 281.4 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
17 11 29 333 23 -8.1 0.118 -9.000 -9.000 -999. 97. 18.0 0.0330 0.47 1.00 1.86 309.0 10.0 281.4 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
17 11 29 333 24 -10.8 0.136 -9.000 -9.000 -999. 121. 21.1 0.0330 0.47 1.00 2.13 313.0 10.0 280.9 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
17 11 30 334 1 -9.1 0.124 -9.000 -9.000 -999. 105. 19.2 0.0330 0.47 1.00 1.96 321.0 10.0 281.4 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
17 11 30 334 2 -8.9 0.123 -9.000 -9.000 -999. 104. 18.9 0.0330 0.47 1.00 1.94 309.0 10.0 280.9 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
17 11 30 334 3 -10.0 0.131 -9.000 -9.000 -999. 113. 20.1 0.0330 0.47 1.00 2.05 310.0 10.0 279.2 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
17 11 30 334 4 -6.7 0.106 -9.000 -9.000 -999. 83. 16.1 0.0330 0.47 1.00 1.69 300.0 10.0 279.9 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
17 11 30 334 5 -6.4 0.104 -9.000 -9.000 -999. 80. 15.6 0.0310 0.47 1.00 1.67 9.0 10.0 278.8 2.0 0

0.00 88. 1014. 0 ADJ-A1 NoSubs
17 11 30 334 6 -6.0 0.101 -9.000 -9.000 -999. 77. 15.4 0.0380 0.47 1.00 1.57 347.0 10.0 278.8 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
17 11 30 334 7 -5.6 0.097 -9.000 -9.000 -999. 72. 14.7 0.0330 0.47 1.00 1.55 302.0 10.0 278.1 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
17 11 30 334 8 -5.0 0.095 -9.000 -9.000 -999. 71. 15.8 0.0330 0.47 0.56 1.52 316.0 10.0 279.9 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
17 11 30 334 9 12.9 0.102 0.239 0.005 38. 78. -7.4 0.0330 0.47 0.32 1.14 309.0 10.0 283.8 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
17 11 30 334 10 43.8 0.105 0.667 0.007 245. 81. -2.4 0.0340 0.47 0.24 0.99 120.0 10.0 286.4 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
17 11 30 334 11 65.8 0.161 0.922 0.006 431. 155. -5.7 0.0330 0.47 0.21 1.74 56.0 10.0 289.2 2.0 0
0.00 51. 1015. 0 ADJ-A1 NoSubs
17 11 30 334 12 77.3 0.154 1.074 0.010 580. 145. -4.3 0.0330 0.47 0.20 1.60 48.0 10.0 292.5 2.0 0
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17 11 30 334 13 76.8 0.177 1.114 0.011 650. 178. -6.5 0.0340 0.47 0.20 1.93 138.0 10.0 293.1 2.0 0
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17 11 30 334 14 64.7 0.174 1.066 0.010 676. 174. -7.3 0.0370 0.47 0.21 1.89 174.0 10.0 292.5 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
17 11 30 334 15 41.6 0.259 0.927 0.010 691. 315. -37.5 0.0380 0.47 0.24 3.25 223.0 10.0 290.9 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
17 11 30 334 16 10.3 0.149 0.584 0.010 695. 144. -28.9 0.0380 0.47 0.33 1.84 236.0 10.0 290.4 2.0 0
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17 12 1 335 1 -7.8 0.113 -9.000 -9.000 -999. 92. 16.9 0.0230 0.47 1.00 1.91 313.0 10.0 280.4 2.0 0
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17 12 1 335 2 -10.3 0.130 -9.000 -9.000 -999. 112. 19.2 0.0180 0.47 1.00 2.25 294.0 10.0 280.4 2.0 0
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17 12 1 335 3 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.47 1.00 1.47 318.0 10.0 278.8 2.0 0
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17 12 1 335 10 42.6 0.112 0.603 0.011 186. 90. -3.0 0.0230 0.47 0.24 1.21 98.0 10.0 283.8 2.0 0
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17 12 1 335 11 64.5 0.106 0.786 0.011 272. 83. -1.7 0.0310 0.47 0.21 0.97 152.0 10.0 286.4 2.0 0
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17 12 1 335 12 75.7 0.152 0.900 0.012 348. 142. -4.2 0.0280 0.47 0.20 1.64 144.0 10.0 288.8 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
17 12 1 335 13 75.2 0.191 0.927 0.012 382. 200. -8.3 0.0170 0.47 0.20 2.47 192.0 10.0 289.2 2.0 0
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17 12 1 335 14 63.3 0.207 0.912 0.012 432. 226. -12.7 0.0170 0.47 0.21 2.79 200.0 10.0 289.2 2.0 0
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17 12 1 335 15 40.8 0.154 0.819 0.013 486. 146. -8.1 0.0170 0.47 0.24 1.99 185.0 10.0 289.2 2.0 0
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17 12 1 335 16 9.7 0.145 0.511 0.013 497. 132. -28.3 0.0310 0.47 0.34 1.86 174.0 10.0 288.8 2.0 0
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17 12 1 335 17 -6.5 0.107 -9.000 -9.000 -999. 84. 17.2 0.0310 0.47 0.61 1.72 173.0 10.0 286.4 2.0 0
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17 12 1 335 18 -4.2 0.082 -9.000 -9.000 -999. 57. 12.1 0.0180 0.47 1.00 1.45 297.0 10.0 284.9 2.0 0
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17 12 1 335 19 -7.9 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.47 1.00 1.93 312.0 10.0 283.1 2.0 0
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17 12 1 335 22 -10.4 0.132 -9.000 -9.000 -999. 115. 20.0 0.0230 0.47 1.00 2.20 312.0 10.0 282.0 2.0 0
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17 12 3 337 1 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.47 1.00 1.37 327.0 10.0 283.8 2.0 0
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17 12 3 337 3 -3.2 0.073 -9.000 -9.000 -999. 48. 11.2 0.0210 0.47 1.00 1.23 223.0 10.0 283.8 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
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0.00 85. 1017. 3 ADJ-A1 NoSubs
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0.00 71. 1017. 0 ADJ-A1 NoSubs
17 12 3 337 11 63.3 0.158 1.094 0.005 751. 151. -5.7 0.0310 0.47 0.21 1.74 160.0 10.0 286.4 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
17 12 3 337 12 74.3 0.191 1.226 0.005 900. 201. -8.6 0.0280 0.47 0.20 2.25 143.0 10.0 287.5 2.0 0
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0.00 45. 1015. 0 ADJ-A1 NoSubs
17 12 3 337 14 62.5 0.146 1.248 0.005 1126. 134. -4.5 0.0170 0.47 0.21 1.77 192.0 10.0 289.2 2.0 0

0.00 37. 1015. 0 ADJ-A1 NoSubs
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0.00 31. 1014. 0 ADJ-A1 NoSubs
17 12 3 337 16 9.1 0.211 0.667 0.005 1180. 233. -93.6 0.0230 0.47 0.34 3.05 2.0 10.0 288.1 2.0 0
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17 12 3 337 17 -15.5 0.169 -9.000 -9.000 -999. 168. 31.6 0.0270 0.47 0.61 2.69 353.0 10.0 285.9 2.0 0
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17 12 3 337 20 -17.4 0.174 -9.000 -9.000 -999. 175. 33.4 0.0270 0.47 1.00 2.77 358.0 10.0 284.2 2.0 0
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17 12 3 337 21 -13.5 0.152 -9.000 -9.000 -999. 143. 25.5 0.0270 0.47 1.00 2.44 360.0 10.0 284.9 2.0 0
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17 12 3 337 24 -6.7 0.103 -9.000 -9.000 -999. 82. 15.0 0.0170 0.47 1.00 1.84 186.0 10.0 279.2 2.0 0
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17 12 4 338 1 -5.4 0.093 -9.000 -9.000 -999. 68. 13.4 0.0180 0.47 1.00 1.64 283.0 10.0 278.1 2.0 0
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17 12 4 338 2 -4.8 0.088 -9.000 -9.000 -999. 62. 12.6 0.0180 0.47 1.00 1.55 257.0 10.0 277.5 2.0 0
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17 12 4 338 3 -4.7 0.087 -9.000 -9.000 -999. 62. 12.6 0.0180 0.47 1.00 1.54 290.0 10.0 278.8 2.0 0
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17 12 4 338 4 -6.6 0.104 -9.000 -9.000 -999. 80. 15.2 0.0228 0.47 1.00 1.76 999.0 10.0 275.9 2.0 0
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17 12 4 338 5 -6.6 0.104 -9.000 -9.000 -999. 80. 15.2 0.0228 0.47 1.00 1.76 999.0 10.0 275.4 2.0 0
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0.00 67. 1015. 0 ADJ-SFC NoSubs
17 12 4 338 9 10.2 0.196 0.335 0.005 133. 208. -66.7 0.0200 0.47 0.33 2.86 84.0 10.0 283.1 2.0 0
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17 12 4 338 10 41.1 0.245 0.666 0.005 260. 291. -32.5 0.0230 0.47 0.24 3.36 11.0 10.0 286.4 2.0 0
0.00 29. 1016. 0 ADJ-SFC NoSubs
17 12 4 338 11 62.9 0.223 1.025 0.005 620. 253. -16.0 0.0270 0.47 0.21 2.81 358.0 10.0 287.5 2.0 0
0.00 26. 1015. 0 ADJ-A1 NoSubs
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0.00 23. 1014. 0 ADJ-A1 NoSubs
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0.00 23. 1013. 0 ADJ-A1 NoSubs
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0.00 23. 1013. 0 ADJ-A1 NoSubs
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0.00 22. 1013. 0 ADJ-A1 NoSubs
17 12 4 338 16 9.3 0.201 0.637 0.014 1001. 217. -79.1 0.0230 0.47 0.34 2.89 24.0 10.0 289.9 2.0 0
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0.00 25. 1013. 0 ADJ-A1 NoSubs
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0.00 27. 1014. 0 ADJ-A1 NoSubs
17 12 4 338 19 -10.0 0.130 -9.000 -9.000 -999. 112. 19.7 0.0230 0.47 1.00 2.16 317.0 10.0 286.4 2.0 0
0.00 27. 1014. 0 ADJ-A1 NoSubs
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17 12 4 338 24 -7.0 0.106 -9.000 -9.000 -999. 82. 15.3 0.0180 0.47 1.00 1.86 276.0 10.0 278.8 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
17 12 5 339 1 -8.7 0.120 -9.000 -9.000 -999. 100. 18.0 0.0270 0.47 1.00 1.96 335.0 10.0 277.5 2.0 0
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17 12 5 339 2 -10.9 0.134 -9.000 -9.000 -999. 118. 20.3 0.0270 0.47 1.00 2.18 330.0 10.0 274.9 2.0 0
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17 12 5 339 3 -2.9 0.070 -9.000 -9.000 -999. 46. 10.8 0.0210 0.47 1.00 1.14 237.0 10.0 277.0 2.0 0
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17 12 5 339 4 -11.6 0.139 -9.000 -9.000 -999. 124. 21.1 0.0230 0.47 1.00 2.30 306.0 10.0 277.5 2.0 0
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17 12 5 339 5 -9.2 0.123 -9.000 -9.000 -999. 103. 18.3 0.0230 0.47 1.00 2.06 320.0 10.0 275.9 2.0 0
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17 12 5 339 8 -4.1 0.084 -9.000 -9.000 -999. 61. 13.0 0.0230 0.47 0.59 1.42 302.0 10.0 278.1 2.0 0
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17 12 5 339 9 9.3 0.082 0.370 0.011 198. 57. -5.5 0.0230 0.47 0.33 0.96 311.0 10.0 280.9 2.0 0
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17 12 5 339 11 62.4 0.125 0.962 0.012 518. 106. -2.9 0.0280 0.47 0.21 1.28 144.0 10.0 287.5 2.0 0
0.00 34. 1018. 0 ADJ-A1 NoSubs
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17 12 5 339 14 62.4 0.142 0.995 0.011 572. 129. -4.2 0.0310 0.47 0.21 1.50 158.0 10.0 291.4 2.0 0
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0.00 62. 1018. 0 ADJ-A1 NoSubs
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0.00 62. 1018. 0 ADJ-A1 NoSubs
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17 12 5 339 24 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.47 1.00 1.37 4.0 10.0 278.1 2.0 0
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17 12 6 340 1 -5.6 0.095 -9.000 -9.000 -999. 71. 14.0 0.0230 0.47 1.00 1.62 326.0 10.0 277.5 2.0 0
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17 12 6 340 3 -5.4 0.093 -9.000 -9.000 -999. 68. 13.3 0.0180 0.47 1.00 1.64 291.0 10.0 275.4 2.0 0
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17 12 6 340 5 -2.5 0.066 -9.000 -9.000 -999. 41. 10.5 0.0180 0.47 1.00 1.06 249.0 10.0 276.4 2.0 0
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17 12 6 340 6 -3.0 0.071 -9.000 -9.000 -999. 45. 10.7 0.0180 0.47 1.00 1.20 277.0 10.0 275.9 2.0 0
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0.00 61. 1019. 0 ADJ-A1 NoSubs
17 12 6 340 9 8.7 0.148 0.174 0.007 22. 136. -33.4 0.0240 0.47 0.33 2.01 54.0 10.0 281.4 2.0 0
0.00 58. 1020. 0 ADJ-A1 NoSubs
17 12 6 340 10 39.6 0.210 0.481 0.006 102. 230. -21.2 0.0200 0.47 0.24 2.86 74.0 10.0 284.9 2.0 0
0.00 47. 1020. 0 ADJ-A1 NoSubs
17 12 6 340 11 62.0 0.216 0.757 0.006 254. 241. -14.8 0.0230 0.47 0.21 2.79 93.0 10.0 288.1 2.0 0
0.00 38. 1020. 0 ADJ-A1 NoSubs
17 12 6 340 12 73.6 0.260 0.911 0.005 373. 318. -21.7 0.0230 0.47 0.20 3.46 90.0 10.0 290.9 2.0 0
0.00 32. 1019. 0 ADJ-A1 NoSubs
17 12 6 340 13 73.8 0.202 0.980 0.008 463. 220. -10.2 0.0200 0.47 0.20 2.59 62.0 10.0 292.5 2.0 0
0.00 26. 1018. 0 ADJ-A1 NoSubs
17 12 6 340 14 62.6 0.213 0.973 0.010 534. 236. -14.0 0.0240 0.47 0.21 2.71 33.0 10.0 293.1 2.0 0
0.00 25. 1018. 0 ADJ-A1 NoSubs
17 12 6 340 15 40.5 0.244 0.895 0.013 642. 290. -32.6 0.0240 0.47 0.25 3.32 40.0 10.0 293.1 2.0 0
0.00 27. 1017. 0 ADJ-A1 NoSubs
17 12 6 340 16 9.4 0.224 0.556 0.013 660. 254. -107.9 0.0240 0.47 0.34 3.23 37.0 10.0 291.4 2.0 0
0.00 32. 1017. 0 ADJ-A1 NoSubs
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0.00 34. 1017. 0 ADJ-A1 NoSubs
17 12 6 340 18 -16.9 0.170 -9.000 -9.000 -999. 169. 31.9 0.0230 0.47 1.00 2.78 28.0 10.0 287.5 2.0 0
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17 12 6 340 19 -22.9 0.232 -9.000 -9.000 -999. 268. 59.2 0.0230 0.47 1.00 3.73 13.0 10.0 288.1 2.0 0
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17 12 6 340 20 -22.6 0.227 -9.000 -9.000 -999. 260. 56.7 0.0240 0.47 1.00 3.63 33.0 10.0 287.0 2.0 0
0.00 36. 1019. 0 ADJ-A1 NoSubs
17 12 6 340 21 -14.6 0.158 -9.000 -9.000 -999. 152. 27.3 0.0240 0.47 1.00 2.57 36.0 10.0 284.9 2.0 0
0.00 40. 1019. 0 ADJ-A1 NoSubs
17 12 6 340 22 -5.2 0.091 -9.000 -9.000 -999. 67. 13.4 0.0200 0.47 1.00 1.59 68.0 10.0 283.1 2.0 0
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17 12 6 340 23 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.47 1.00 1.47 96.0 10.0 281.4 2.0 0

0.00 51. 1020. 0 ADJ-A1 NoSubs
17 12 6 340 24 -11.9 0.141 -9.000 -9.000 -999. 127. 22.0 0.0270 0.47 1.00 2.28 338.0 10.0 278.8 2.0 0
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17 12 7 341 1 -6.0 0.098 -9.000 -9.000 -999. 74. 14.5 0.0230 0.47 1.00 1.67 20.0 10.0 279.9 2.0 0
0.00 59. 1020. 0 ADJ-A1 NoSubs
17 12 7 341 2 -3.4 0.075 -9.000 -9.000 -999. 49. 11.4 0.0240 0.47 1.00 1.23 41.0 10.0 279.9 2.0 0
0.00 57. 1021. 0 ADJ-A1 NoSubs
17 12 7 341 3 -3.0 0.071 -9.000 -9.000 -999. 46. 11.1 0.0240 0.47 1.00 1.14 47.0 10.0 278.8 2.0 0
0.00 61. 1022. 0 ADJ-A1 NoSubs
17 12 7 341 4 -2.6 0.068 -9.000 -9.000 -999. 42. 10.9 0.0230 0.47 1.00 1.06 2.0 10.0 278.1 2.0 0
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17 12 7 341 6 -6.2 0.100 -9.000 -9.000 -999. 76. 14.8 0.0240 0.47 1.00 1.69 43.0 10.0 278.1 2.0 0
0.00 61. 1022. 0 ADJ-A1 NoSubs
17 12 7 341 7 -8.4 0.117 -9.000 -9.000 -999. 96. 17.5 0.0240 0.47 1.00 1.96 34.0 10.0 277.5 2.0 0
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17 12 7 341 8 -6.1 0.102 -9.000 -9.000 -999. 79. 16.1 0.0240 0.47 0.60 1.72 38.0 10.0 279.2 2.0 0
0.00 57. 1022. 3 ADJ-A1 NoSubs
17 12 7 341 9 8.3 0.123 0.186 0.010 28. 104. -20.6 0.0270 0.47 0.34 1.59 350.0 10.0 282.5 2.0 0
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17 12 7 341 10 39.7 0.089 0.492 0.010 109. 64. -1.6 0.0230 0.47 0.24 0.87 13.0 10.0 288.1 2.0 0
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17 12 7 341 11 62.4 0.134 0.807 0.010 307. 118. -3.5 0.0200 0.47 0.21 1.52 82.0 10.0 292.0 2.0 0
0.00 25. 1022. 0 ADJ-A1 NoSubs
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0.00 22. 1022. 0 ADJ-A1 NoSubs
17 12 7 341 13 74.3 0.146 0.954 0.011 426. 134. -3.8 0.0230 0.47 0.20 1.62 109.0 10.0 295.4 2.0 0
0.00 20. 1021. 0 ADJ-A1 NoSubs
17 12 7 341 14 63.4 0.109 0.930 0.010 461. 86. -1.8 0.0310 0.47 0.21 1.01 164.0 10.0 296.4 2.0 0
0.00 17. 1020. 0 ADJ-A1 NoSubs
17 12 7 341 15 41.4 0.104 0.819 0.009 483. 80. -2.5 0.0230 0.47 0.25 1.09 93.0 10.0 296.4 2.0 0
0.00 19. 1021. 0 ADJ-A1 NoSubs
17 12 7 341 16 9.6 0.183 0.505 0.009 485. 188. -58.0 0.0170 0.47 0.34 2.73 195.0 10.0 292.5 2.0 0
0.00 34. 1021. 0 ADJ-A1 NoSubs
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0.00 40. 1022. 0 ADJ-A1 NoSubs
17 12 7 341 18 -10.3 0.131 -9.000 -9.000 -999. 114. 19.9 0.0230 0.47 1.00 2.18 312.0 10.0 286.4 2.0 0
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17 12 7 341 20 -11.1 0.136 -9.000 -9.000 -999. 121. 20.8 0.0240 0.47 1.00 2.25 32.0 10.0 283.8 2.0 0
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17 12 7 341 21 -3.7 0.078 -9.000 -9.000 -999. 53. 11.8 0.0230 0.47 1.00 1.31 311.0 10.0 282.5 2.0 0
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17 12 7 341 22 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.47 1.00 1.55 322.0 10.0 280.9 2.0 0
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17 12 7 341 23 -3.8 0.078 -9.000 -9.000 -999. 53. 11.5 0.0180 0.47 1.00 1.37 283.0 10.0 281.4 2.0 0
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17 12 7 341 24 -13.1 0.148 -9.000 -9.000 -999. 136. 24.1 0.0230 0.47 1.00 2.44 306.0 10.0 281.4 2.0 0
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17 12 8 342 1 -6.2 0.100 -9.000 -9.000 -999. 76. 14.8 0.0230 0.47 1.00 1.70 315.0 10.0 279.2 2.0 0
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17 12 8 342 3 -2.9 0.070 -9.000 -9.000 -999. 44. 10.8 0.0210 0.47 1.00 1.14 235.0 10.0 278.1 2.0 0
0.00 70. 1024. 0 ADJ-A1 NoSubs
17 12 8 342 4 -2.7 0.069 -9.000 -9.000 -999. 43. 11.2 0.0280 0.47 1.00 1.04 148.0 10.0 278.1 2.0 0
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17 12 8 342 5 -11.5 0.137 -9.000 -9.000 -999. 121. 20.6 0.0180 0.47 1.00 2.36 281.0 10.0 278.8 2.0 0
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0 0.00 75. 1024. 0 ADJ-SFC NoSubs
17 12 8 342 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 275.4 2.0
0 0.00 75. 1024. 0 ADJ-SFC NoSubs
17 12 8 342 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.61 0.00 0.0 10.0 278.1 2.0
0 0.00 67. 1024. 0 ADJ-SFC NoSubs
17 12 8 342 9 7.6 -9.000 -9.000 -9.000 32. -999. -99999.0 0.0228 0.47 0.34 0.00 0.0 10.0 280.9 2.0 0
0.00 65. 1024. 0 ADJ-SFC NoSubs
17 12 8 342 10 38.4 -9.000 -9.000 -9.000 89. -999. -99999.0 0.0228 0.47 0.25 0.00 0.0 10.0 284.2 2.0 0
0.00 48. 1024. 0 ADJ-SFC NoSubs
17 12 8 342 11 60.9 -9.000 -9.000 -9.000 145. -999. -99999.0 0.0228 0.47 0.21 0.00 0.0 10.0 288.1 2.0 0
0.00 41. 1024. 0 ADJ-SFC NoSubs
17 12 8 342 12 73.0 -9.000 -9.000 -9.000 205. -999. -99999.0 0.0228 0.47 0.20 0.00 0.0 10.0 292.0 2.0 0
0.00 35. 1022. 0 ADJ-SFC NoSubs
17 12 8 342 13 73.8 0.286 0.816 0.011 268. 367. -28.9 0.0240 0.47 0.20 3.86 56.0 10.0 294.9 2.0 0
0.00 23. 1022. 0 ADJ-SFC NoSubs
17 12 8 342 14 63.1 0.139 0.820 0.012 318. 140. -3.9 0.0240 0.47 0.21 1.53 56.0 10.0 296.4 2.0 0
0.00 21. 1021. 0 ADJ-A1 NoSubs
17 12 8 342 15 40.6 0.195 0.749 0.011 376. 207. -16.6 0.0200 0.47 0.25 2.61 81.0 10.0 294.9 2.0 0
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17 12 8 342 18 -4.6 0.087 -9.000 -9.000 -999. 61. 12.9 0.0230 0.47 1.00 1.47 313.0 10.0 285.9 2.0 0
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17 12 8 342 19 -7.5 0.111 -9.000 -9.000 -999. 89. 16.6 0.0230 0.47 1.00 1.87 316.0 10.0 284.9 2.0 0
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17 12 8 342 20 -8.7 0.120 -9.000 -9.000 -999. 100. 18.1 0.0230 0.47 1.00 2.01 310.0 10.0 284.2 2.0 0
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17 12 8 342 21 -7.2 0.109 -9.000 -9.000 -999. 86. 16.3 0.0230 0.47 1.00 1.84 313.0 10.0 283.1 2.0 0
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17 12 8 342 22 -9.1 0.123 -9.000 -9.000 -999. 103. 18.5 0.0240 0.47 1.00 2.04 42.0 10.0 282.5 2.0 0
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17 12 8 342 23 -11.7 0.140 -9.000 -9.000 -999. 125. 21.5 0.0240 0.47 1.00 2.30 48.0 10.0 282.5 2.0 0
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17 12 8 342 24 -8.7 0.120 -9.000 -9.000 -999. 100. 18.0 0.0230 0.47 1.00 2.01 18.0 10.0 282.0 2.0 0
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17 12 9 343 1 -11.3 0.137 -9.000 -9.000 -999. 122. 20.8 0.0230 0.47 1.00 2.28 9.0 10.0 280.9 2.0 0
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0.00 62. 1020. 0 ADJ-A1 NoSubs
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0.00 60. 1020. 0 ADJ-A1 NoSubs
17 12 9 343 9 7.5 0.177 0.166 0.016 22. 179. -67.1 0.0200 0.47 0.34 2.59 67.0 10.0 284.2 2.0 0
0.00 46. 1020. 0 ADJ-A1 NoSubs
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0.00 37. 1020. 0 ADJ-A1 NoSubs
17 12 9 343 11 61.2 0.200 0.631 0.014 149. 214. -11.8 0.0200 0.47 0.21 2.59 88.0 10.0 290.9 2.0 0
0.00 29. 1020. 0 ADJ-A1 NoSubs
17 12 9 343 12 73.3 0.204 0.734 0.014 196. 220. -10.4 0.0230 0.47 0.20 2.54 94.0 10.0 294.2 2.0 0
0.00 25. 1019. 0 ADJ-A1 NoSubs
17 12 9 343 13 73.5 0.189 0.803 0.014 255. 197. -8.3 0.0230 0.47 0.20 2.30 95.0 10.0 294.9 2.0 0
0.00 24. 1018. 0 ADJ-A1 NoSubs
17 12 9 343 14 62.7 0.197 0.823 0.014 323. 210. -11.0 0.0230 0.47 0.21 2.47 91.0 10.0 295.9 2.0 0
0.00 22. 1017. 0 ADJ-A1 NoSubs
17 12 9 343 15 41.2 0.188 0.743 0.014 361. 196. -14.6 0.0200 0.47 0.25 2.49 69.0 10.0 297.0 2.0 0
0.00 21. 1017. 0 ADJ-A1 NoSubs
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0.00 22. 1017. 0 ADJ-A1 NoSubs
17 12 9 343 17 -8.5 0.122 -9.000 -9.000 -999. 103. 19.3 0.0200 0.47 0.62 2.08 88.0 10.0 291.4 2.0 0
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17 12 9 343 18 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0240 0.47 1.00 1.82 59.0 10.0 288.8 2.0 0
0.00 41. 1017. 0 ADJ-A1 NoSubs
17 12 9 343 19 -4.7 0.088 -9.000 -9.000 -999. 62. 13.2 0.0240 0.47 1.00 1.48 31.0 10.0 287.0 2.0 0
0.00 46. 1018. 0 ADJ-A1 NoSubs
17 12 9 343 20 -8.5 0.119 -9.000 -9.000 -999. 98. 17.9 0.0240 0.47 1.00 1.98 33.0 10.0 284.2 2.0 0
0.00 54. 1018. 0 ADJ-A1 NoSubs
17 12 9 343 21 -7.1 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.47 1.00 1.82 18.0 10.0 283.1 2.0 0
0.00 51. 1018. 0 ADJ-A1 NoSubs
17 12 9 343 22 -5.6 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.47 1.00 1.62 22.0 10.0 282.0 2.0 0
0.00 55. 1018. 0 ADJ-A1 NoSubs
17 12 9 343 23 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0270 0.47 1.00 1.62 342.0 10.0 282.0 2.0 0
0.00 51. 1019. 0 ADJ-A1 NoSubs
17 12 9 343 24 -8.8 0.121 -9.000 -9.000 -999. 101. 18.2 0.0240 0.47 1.00 2.01 35.0 10.0 282.5 2.0 0
0.00 53. 1018. 0 ADJ-A1 NoSubs
17 12 10 344 1 -7.5 0.111 -9.000 -9.000 -999. 89. 16.6 0.0240 0.47 1.00 1.86 32.0 10.0 280.9 2.0 0
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17 12 10 344 2 -10.5 0.132 -9.000 -9.000 -999. 115. 19.9 0.0230 0.47 1.00 2.20 23.0 10.0 280.9 2.0 0
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17 12 10 344 3 -9.9 0.129 -9.000 -9.000 -999. 111. 19.4 0.0240 0.47 1.00 2.13 32.0 10.0 281.4 2.0 0
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17 12 10 344 5 -6.1 0.100 -9.000 -9.000 -999. 76. 14.9 0.0270 0.47 1.00 1.65 345.0 10.0 278.8 2.0 0
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0.00 61. 1018. 0 ADJ-A1 NoSubs
17 12 10 344 7 -7.3 0.110 -9.000 -9.000 -999. 87. 16.3 0.0240 0.47 1.00 1.84 38.0 10.0 279.9 2.0 0
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0.00 53. 1018. 0 ADJ-A1 NoSubs
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0.00 47. 1019. 0 ADJ-A1 NoSubs
17 12 10 344 10 38.1 0.150 0.431 0.018 76. 140. -8.1 0.0240 0.47 0.25 1.81 38.0 10.0 288.1 2.0 0
0.00 35. 1019. 0 ADJ-A1 NoSubs
17 12 10 344 11 60.7 0.250 0.602 0.013 131. 299. -23.3 0.0200 0.47 0.21 3.43 79.0 10.0 290.9 2.0 0
0.00 32. 1018. 0 ADJ-A1 NoSubs
17 12 10 344 12 72.8 0.154 0.691 0.015 164. 149. -4.6 0.0230 0.47 0.20 1.76 96.0 10.0 293.8 2.0 0
0.00 24. 1018. 0 ADJ-SFC NoSubs
17 12 10 344 13 73.6 0.155 0.809 0.013 261. 146. -4.6 0.0230 0.47 0.20 1.76 106.0 10.0 295.9 2.0 0
0.00 22. 1016. 0 ADJ-SFC NoSubs
17 12 10 344 14 62.6 0.152 0.832 0.013 333. 143. -5.1 0.0230 0.47 0.21 1.76 100.0 10.0 296.4 2.0 0
0.00 22. 1016. 0 ADJ-SFC NoSubs
17 12 10 344 15 40.9 0.210 0.750 0.013 373. 231. -20.5 0.0200 0.47 0.25 2.86 85.0 10.0 296.4 2.0 0
0.00 24. 1015. 0 ADJ-SFC NoSubs
17 12 10 344 16 9.9 0.133 0.471 0.013 380. 118. -21.5 0.0240 0.47 0.34 1.76 41.0 10.0 294.2 2.0 0
0.00 28. 1015. 0 ADJ-SFC NoSubs
17 12 10 344 17 -6.5 0.107 -9.000 -9.000 -999. 84. 17.1 0.0270 0.47 0.62 1.76 348.0 10.0 290.9 2.0 0
0.00 37. 1015. 0 ADJ-SFC NoSubs
17 12 10 344 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 287.5 2.0
0 0.00 46. 1015. 0 ADJ-SFC NoSubs
17 12 10 344 19 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 318.0 10.0 285.4 2.0 0
0.00 50. 1016. 0 ADJ-SFC NoSubs
17 12 10 344 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 49. 1016. 0 ADJ-SFC NoSubs
17 12 10 344 21 -12.7 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.47 1.00 2.36 340.0 10.0 282.5 2.0 0
0.00 55. 1017. 0 ADJ-SFC NoSubs
17 12 10 344 22 -6.9 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.47 1.00 1.76 356.0 10.0 283.1 2.0 0
0.00 51. 1017. 0 ADJ-SFC NoSubs
17 12 10 344 23 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.47 1.00 1.76 14.0 10.0 281.4 2.0 0
0.00 55. 1017. 0 ADJ-SFC NoSubs
17 12 10 344 24 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.47 1.00 2.36 14.0 10.0 282.0 2.0 0
0.00 53. 1017. 0 ADJ-SFC NoSubs
17 12 11 345 1 -12.3 0.144 -9.000 -9.000 -999. 131. 22.7 0.0240 0.47 1.00 2.36 41.0 10.0 282.5 2.0 0
0.00 51. 1017. 0 ADJ-SFC NoSubs
17 12 11 345 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 280.4 2.0
0 0.00 60. 1018. 0 ADJ-SFC NoSubs
17 12 11 345 3 -17.8 0.175 -9.000 -9.000 -999. 176. 33.8 0.0230 0.47 1.00 2.86 10.0 10.0 280.9 2.0 0
0.00 55. 1018. 0 ADJ-SFC NoSubs
17 12 11 345 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 279.9 2.0
0 0.00 59. 1018. 0 ADJ-SFC NoSubs
17 12 11 345 5 -6.4 0.101 -9.000 -9.000 -999. 77. 14.9 0.0200 0.47 1.00 1.76 65.0 10.0 280.9 2.0 0
0.00 53. 1018. 0 ADJ-SFC NoSubs
17 12 11 345 6 -12.3 0.144 -9.000 -9.000 -999. 131. 22.7 0.0240 0.47 1.00 2.36 50.0 10.0 279.2 2.0 0
0.00 59. 1018. 0 ADJ-SFC NoSubs
17 12 11 345 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 278.8 2.0
0 0.00 61. 1018. 0 ADJ-SFC NoSubs
17 12 11 345 8 -3.4 0.076 -9.000 -9.000 -999. 51. 11.8 0.0230 0.47 0.63 1.28 15.0 10.0 279.9 2.0 0
0.00 57. 1019. 0 ADJ-A1 NoSubs
17 12 11 345 9 6.4 0.103 0.138 0.020 15. 79. -15.5 0.0230 0.47 0.35 1.33 27.0 10.0 283.1 2.0 0
0.00 47. 1019. 0 ADJ-A1 NoSubs
17 12 11 345 10 37.3 0.187 0.481 0.013 108. 194. -15.9 0.0200 0.47 0.25 2.49 65.0 10.0 286.4 2.0 0
0.00 38. 1020. 0 ADJ-A1 NoSubs
17 12 11 345 11 59.7 0.162 0.609 0.013 137. 157. -6.5 0.0240 0.47 0.21 1.91 56.0 10.0 288.8 2.0 0

0.00 37. 1020. 0 ADJ-A1 NoSubs
17 12 11 345 12 71.9 0.192 0.761 0.015 222. 201. -8.9 0.0200 0.47 0.20 2.42 68.0 10.0 292.0 2.0 0
0.00 29. 1019. 0 ADJ-A1 NoSubs
17 12 11 345 13 72.6 0.221 0.898 0.018 362. 249. -13.5 0.0200 0.47 0.20 2.90 81.0 10.0 293.8 2.0 0
0.00 29. 1018. 0 ADJ-A1 NoSubs
17 12 11 345 14 62.1 0.233 0.900 0.018 426. 270. -18.6 0.0200 0.47 0.21 3.15 83.0 10.0 295.4 2.0 0
0.00 27. 1018. 0 ADJ-A1 NoSubs
17 12 11 345 15 40.6 0.227 0.788 0.017 437. 260. -26.2 0.0230 0.47 0.25 3.07 92.0 10.0 295.9 2.0 0
0.00 25. 1017. 0 ADJ-A1 NoSubs
17 12 11 345 16 9.9 0.209 0.494 0.017 439. 229. -82.9 0.0230 0.47 0.34 3.00 95.0 10.0 294.2 2.0 0
0.00 27. 1017. 0 ADJ-A1 NoSubs
17 12 11 345 17 -5.4 0.096 -9.000 -9.000 -999. 79. 15.0 0.0200 0.47 0.62 1.67 64.0 10.0 292.0 2.0 0
0.00 29. 1018. 0 ADJ-A1 NoSubs
17 12 11 345 18 -5.3 0.094 -9.000 -9.000 -999. 69. 14.2 0.0270 0.47 1.00 1.55 339.0 10.0 288.1 2.0 0
0.00 50. 1018. 0 ADJ-A1 NoSubs
17 12 11 345 19 -11.8 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.47 1.00 2.33 312.0 10.0 286.4 2.0 0
0.00 52. 1019. 0 ADJ-A1 NoSubs
17 12 11 345 20 -3.7 0.078 -9.000 -9.000 -999. 53. 11.8 0.0230 0.47 1.00 1.31 315.0 10.0 285.4 2.0 0
0.00 52. 1020. 0 ADJ-A1 NoSubs
17 12 11 345 21 -3.1 0.073 -9.000 -9.000 -999. 47. 11.3 0.0230 0.47 1.00 1.20 300.0 10.0 285.4 2.0 0
0.00 46. 1020. 0 ADJ-A1 NoSubs
17 12 11 345 22 -5.8 0.098 -9.000 -9.000 -999. 73. 14.6 0.0240 0.47 1.00 1.65 32.0 10.0 283.1 2.0 0
0.00 56. 1020. 0 ADJ-A1 NoSubs
17 12 11 345 23 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.47 1.00 1.60 314.0 10.0 282.0 2.0 0
0.00 60. 1020. 0 ADJ-A1 NoSubs
17 12 11 345 24 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0230 0.47 1.00 1.42 301.0 10.0 281.4 2.0 0
0.00 62. 1021. 0 ADJ-A1 NoSubs
17 12 12 346 1 -4.5 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.47 1.00 1.45 305.0 10.0 280.9 2.0 0
0.00 60. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 2 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.47 1.00 1.13 290.0 10.0 279.9 2.0 0
0.00 62. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 3 -2.1 0.062 -9.000 -9.000 -999. 37. 10.6 0.0170 0.47 1.00 0.94 186.0 10.0 279.2 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 4 -3.0 0.071 -9.000 -9.000 -999. 45. 10.7 0.0180 0.47 1.00 1.20 284.0 10.0 278.8 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 5 -8.8 0.119 -9.000 -9.000 -999. 99. 17.4 0.0180 0.47 1.00 2.08 245.0 10.0 277.5 2.0 0
0.00 69. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 6 -2.5 0.066 -9.000 -9.000 -999. 41. 10.5 0.0180 0.47 1.00 1.06 269.0 10.0 277.5 2.0 0
0.00 67. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 7 -3.0 0.072 -9.000 -9.000 -999. 46. 10.9 0.0210 0.47 1.00 1.18 233.0 10.0 278.1 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 8 -2.8 0.069 -9.000 -9.000 -999. 44. 10.9 0.0210 0.47 0.64 1.14 238.0 10.0 278.8 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 9 5.6 0.079 0.153 0.021 23. 53. -8.0 0.0230 0.47 0.35 0.96 98.0 10.0 281.4 2.0 0
0.00 58. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 10 36.7 0.089 0.479 0.019 109. 64. -1.8 0.0200 0.47 0.25 0.92 89.0 10.0 285.9 2.0 0
0.00 46. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 11 59.6 0.121 0.630 0.018 153. 101. -2.7 0.0230 0.47 0.21 1.28 107.0 10.0 289.9 2.0 0
0.00 34. 1020. 0 ADJ-A1 NoSubs
17 12 12 346 12 71.9 0.153 0.712 0.016 182. 143. -4.5 0.0200 0.47 0.20 1.79 88.0 10.0 293.1 2.0 0
0.00 25. 1018. 0 ADJ-A1 NoSubs
17 12 12 346 13 72.7 0.142 0.747 0.014 208. 129. -3.6 0.0230 0.47 0.20 1.57 103.0 10.0 294.9 2.0 0
0.00 25. 1017. 0 ADJ-A1 NoSubs
17 12 12 346 14 62.1 0.130 0.756 0.014 252. 112. -3.2 0.0280 0.47 0.21 1.35 143.0 10.0 295.9 2.0 0

0.00 24. 1016. 0 ADJ-A1 NoSubs
17 12 12 346 15 40.5 0.138 0.692 0.013 296. 123. -5.9 0.0230 0.47 0.25 1.62 321.0 10.0 295.9 2.0 0
0.00 29. 1015. 0 ADJ-A1 NoSubs
17 12 12 346 16 10.1 0.168 0.440 0.013 305. 165. -42.4 0.0240 0.47 0.34 2.32 48.0 10.0 294.9 2.0 0
0.00 28. 1015. 0 ADJ-A1 NoSubs
17 12 12 346 17 -9.4 0.129 -9.000 -9.000 -999. 112. 20.8 0.0240 0.47 0.62 2.13 57.0 10.0 290.9 2.0 0
0.00 29. 1015. 0 ADJ-A1 NoSubs
17 12 12 346 18 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.47 1.00 1.62 6.0 10.0 287.0 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
17 12 12 346 19 -9.5 0.126 -9.000 -9.000 -999. 108. 19.1 0.0230 0.47 1.00 2.11 313.0 10.0 284.9 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
17 12 12 346 20 -10.2 0.131 -9.000 -9.000 -999. 114. 19.8 0.0230 0.47 1.00 2.18 312.0 10.0 283.1 2.0 0
0.00 60. 1015. 0 ADJ-A1 NoSubs
17 12 12 346 21 -11.0 0.135 -9.000 -9.000 -999. 120. 20.5 0.0230 0.47 1.00 2.25 309.0 10.0 282.0 2.0 0
0.00 60. 1015. 0 ADJ-A1 NoSubs
17 12 12 346 22 -4.1 0.082 -9.000 -9.000 -999. 57. 12.2 0.0230 0.47 1.00 1.38 21.0 10.0 281.4 2.0 0
0.00 62. 1015. 0 ADJ-A1 NoSubs
17 12 12 346 23 -6.2 0.101 -9.000 -9.000 -999. 77. 14.9 0.0230 0.47 1.00 1.71 324.0 10.0 280.4 2.0 0
0.00 62. 1016. 0 ADJ-A1 NoSubs
17 12 12 346 24 -5.9 0.097 -9.000 -9.000 -999. 72. 14.0 0.0180 0.47 1.00 1.71 297.0 10.0 279.2 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
17 12 13 347 1 -3.7 0.077 -9.000 -9.000 -999. 52. 11.4 0.0180 0.47 1.00 1.35 250.0 10.0 279.2 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
17 12 13 347 2 -3.4 0.074 -9.000 -9.000 -999. 49. 11.0 0.0180 0.47 1.00 1.28 263.0 10.0 277.5 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
17 12 13 347 3 -2.2 0.063 -9.000 -9.000 -999. 38. 10.6 0.0180 0.47 1.00 0.97 292.0 10.0 277.0 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
17 12 13 347 4 -6.6 0.103 -9.000 -9.000 -999. 79. 14.8 0.0180 0.47 1.00 1.81 279.0 10.0 277.5 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
17 12 13 347 5 -3.8 0.078 -9.000 -9.000 -999. 53. 11.4 0.0180 0.47 1.00 1.37 255.0 10.0 276.4 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
17 12 13 347 6 -2.5 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.47 1.00 1.04 307.0 10.0 275.9 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
17 12 13 347 7 -7.5 0.110 -9.000 -9.000 -999. 87. 15.9 0.0180 0.47 1.00 1.93 273.0 10.0 275.4 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
17 12 13 347 8 -3.5 0.076 -9.000 -9.000 -999. 51. 11.6 0.0210 0.47 0.64 1.30 228.0 10.0 277.0 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
17 12 13 347 9 5.1 0.088 0.160 0.023 29. 62. -12.0 0.0230 0.47 0.35 1.11 325.0 10.0 280.9 2.0 0
0.00 55. 1015. 0 ADJ-A1 NoSubs
17 12 13 347 10 36.1 0.121 0.506 0.023 129. 102. -4.5 0.0230 0.47 0.25 1.38 111.0 10.0 285.4 2.0 0
0.00 40. 1015. 0 ADJ-A1 NoSubs
17 12 13 347 11 58.9 0.148 0.668 0.022 183. 136. -4.9 0.0310 0.47 0.21 1.59 157.0 10.0 288.8 2.0 0
0.00 34. 1014. 0 ADJ-A1 NoSubs
17 12 13 347 12 71.3 0.120 0.747 0.019 211. 100. -2.2 0.0200 0.47 0.20 1.28 60.0 10.0 292.0 2.0 0
0.00 27. 1013. 0 ADJ-A1 NoSubs
17 12 13 347 13 71.9 0.122 0.772 0.017 231. 102. -2.3 0.0280 0.47 0.20 1.20 138.0 10.0 293.1 2.0 0
0.00 25. 1012. 0 ADJ-A1 NoSubs
17 12 13 347 14 61.4 0.120 0.752 0.016 250. 100. -2.5 0.0310 0.47 0.21 1.18 153.0 10.0 294.2 2.0 0
0.00 27. 1011. 0 ADJ-A1 NoSubs
17 12 13 347 15 39.7 0.208 0.666 0.015 268. 227. -20.3 0.0180 0.47 0.25 2.88 254.0 10.0 293.8 2.0 0
0.00 30. 1011. 0 ADJ-A1 NoSubs
17 12 13 347 16 9.0 0.134 0.407 0.015 270. 119. -24.1 0.0180 0.47 0.34 1.88 242.0 10.0 290.9 2.0 0
0.00 36. 1011. 0 ADJ-A1 NoSubs
17 12 13 347 17 -2.3 0.065 -9.000 -9.000 -999. 41. 10.9 0.0230 0.47 0.62 1.03 16.0 10.0 288.8 2.0 0

0.00 40. 1011. 0 ADJ-A1 NoSubs
17 12 13 347 18 -3.0 0.072 -9.000 -9.000 -999. 47. 11.2 0.0230 0.47 1.00 1.18 102.0 10.0 285.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
17 12 13 347 19 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 311.0 10.0 283.1 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
17 12 13 347 20 -7.9 0.114 -9.000 -9.000 -999. 92. 16.7 0.0180 0.47 1.00 1.99 298.0 10.0 283.1 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
17 12 13 347 21 -12.0 0.142 -9.000 -9.000 -999. 128. 22.2 0.0230 0.47 1.00 2.35 305.0 10.0 282.0 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
17 12 13 347 22 -12.2 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.47 1.00 2.37 313.0 10.0 281.4 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
17 12 13 347 23 -8.4 0.118 -9.000 -9.000 -999. 97. 17.6 0.0230 0.47 1.00 1.98 309.0 10.0 280.9 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
17 12 13 347 24 -3.0 0.072 -9.000 -9.000 -999. 47. 11.3 0.0270 0.47 1.00 1.13 336.0 10.0 279.9 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 1 -6.5 0.103 -9.000 -9.000 -999. 79. 14.9 0.0180 0.47 1.00 1.81 294.0 10.0 279.2 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 2 -5.0 0.090 -9.000 -9.000 -999. 65. 13.0 0.0180 0.47 1.00 1.59 273.0 10.0 278.8 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 3 -1.9 0.061 -9.000 -9.000 -999. 37. 10.8 0.0180 0.47 1.00 0.89 254.0 10.0 278.1 2.0 0
0.00 75. 1011. 0 ADJ-A1 NoSubs
17 12 14 348 4 -4.8 0.088 -9.000 -9.000 -999. 63. 13.0 0.0230 0.47 1.00 1.50 312.0 10.0 278.1 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 5 -5.9 0.098 -9.000 -9.000 -999. 74. 14.4 0.0230 0.47 1.00 1.67 300.0 10.0 277.0 2.0 0
0.00 78. 1011. 0 ADJ-A1 NoSubs
17 12 14 348 6 -6.3 0.100 -9.000 -9.000 -999. 76. 14.5 0.0180 0.47 1.00 1.77 293.0 10.0 277.5 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 7 -8.1 0.115 -9.000 -9.000 -999. 94. 17.0 0.0230 0.47 1.00 1.94 311.0 10.0 276.4 2.0 0
0.00 78. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 8 -6.7 0.105 -9.000 -9.000 -999. 81. 15.4 0.0180 0.47 0.65 1.84 278.0 10.0 277.0 2.0 0
0.00 78. 1013. 0 ADJ-A1 NoSubs
17 12 14 348 9 4.9 0.099 0.160 0.019 30. 75. -17.9 0.0270 0.47 0.35 1.26 354.0 10.0 282.5 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
17 12 14 348 10 35.7 0.105 0.491 0.020 120. 82. -3.0 0.0230 0.47 0.25 1.13 103.0 10.0 285.4 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
17 12 14 348 11 58.7 0.119 0.643 0.020 164. 98. -2.6 0.0280 0.47 0.21 1.20 121.0 10.0 289.2 2.0 0
0.00 40. 1014. 0 ADJ-A1 NoSubs
17 12 14 348 12 70.8 0.164 0.726 0.018 195. 159. -5.6 0.0230 0.47 0.20 1.91 102.0 10.0 291.4 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
17 12 14 348 13 72.0 0.162 0.764 0.016 223. 156. -5.3 0.0230 0.47 0.20 1.88 108.0 10.0 294.2 2.0 0
0.00 29. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 14 61.8 0.132 0.749 0.015 245. 115. -3.4 0.0240 0.47 0.21 1.43 40.0 10.0 295.9 2.0 0
0.00 26. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 15 40.4 0.124 0.724 0.017 338. 105. -4.3 0.0270 0.47 0.25 1.35 335.0 10.0 295.9 2.0 0
0.00 28. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 16 10.3 0.118 0.470 0.018 361. 97. -14.4 0.0230 0.47 0.34 1.52 323.0 10.0 295.4 2.0 0
0.00 32. 1012. 0 ADJ-A1 NoSubs
17 12 14 348 17 -5.9 0.102 -9.000 -9.000 -999. 78. 16.1 0.0230 0.47 0.61 1.72 313.0 10.0 290.9 2.0 0
0.00 42. 1013. 0 ADJ-A1 NoSubs
17 12 14 348 18 -7.5 0.112 -9.000 -9.000 -999. 90. 16.9 0.0230 0.47 1.00 1.89 309.0 10.0 287.0 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
17 12 14 348 19 -11.6 0.140 -9.000 -9.000 -999. 126. 21.6 0.0230 0.47 1.00 2.32 314.0 10.0 285.4 2.0 0
0.00 63. 1014. 0 ADJ-A1 NoSubs
17 12 14 348 20 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.47 1.00 1.74 309.0 10.0 283.8 2.0 0

0.00 65. 1014. 0 ADJ-A1 NoSubs
17 12 14 348 21 -6.9 0.106 -9.000 -9.000 -999. 82. 15.5 0.0180 0.47 1.00 1.86 272.0 10.0 283.1 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
17 12 14 348 22 -11.5 0.139 -9.000 -9.000 -999. 124. 21.2 0.0230 0.47 1.00 2.30 310.0 10.0 282.0 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
17 12 14 348 23 -11.3 0.137 -9.000 -9.000 -999. 122. 20.8 0.0230 0.47 1.00 2.28 306.0 10.0 280.9 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
17 12 14 348 24 -5.7 0.096 -9.000 -9.000 -999. 72. 14.2 0.0230 0.47 1.00 1.64 311.0 10.0 279.9 2.0 0
0.00 72. 1015. 0 ADJ-A1 NoSubs
17 12 15 349 1 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.47 1.00 0.97 326.0 10.0 279.9 2.0 0
0.00 72. 1015. 0 ADJ-A1 NoSubs
17 12 15 349 2 -7.2 0.107 -9.000 -9.000 -999. 85. 15.7 0.0180 0.47 1.00 1.89 266.0 10.0 279.9 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
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0.00 72. 1015. 0 ADJ-A1 NoSubs
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0.00 73. 1015. 0 ADJ-A1 NoSubs
17 12 15 349 5 -2.0 0.064 -9.000 -9.000 -999. 39. 11.5 0.0270 0.47 1.00 0.87 333.0 10.0 278.8 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
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0.00 73. 1015. 0 ADJ-A1 NoSubs
17 12 15 349 7 -3.3 0.073 -9.000 -9.000 -999. 48. 10.9 0.0180 0.47 1.00 1.26 269.0 10.0 277.5 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
17 12 15 349 8 -2.5 0.066 -9.000 -9.000 -999. 41. 10.5 0.0180 0.47 0.65 1.08 296.0 10.0 278.8 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
17 12 15 349 9 4.3 0.084 0.152 0.020 29. 58. -12.3 0.0210 0.47 0.36 1.08 228.0 10.0 281.4 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
17 12 15 349 10 35.0 0.099 0.430 0.018 82. 75. -2.5 0.0170 0.47 0.25 1.11 207.0 10.0 283.8 2.0 0
0.00 58. 1016. 0 ADJ-A1 NoSubs
17 12 15 349 11 57.9 0.153 0.648 0.018 170. 144. -5.6 0.0280 0.47 0.22 1.72 136.0 10.0 287.5 2.0 0
0.00 45. 1016. 0 ADJ-A1 NoSubs
17 12 15 349 12 70.0 0.154 0.783 0.019 248. 145. -4.7 0.0200 0.47 0.20 1.81 86.0 10.0 289.2 2.0 0
0.00 42. 1014. 0 ADJ-A1 NoSubs
17 12 15 349 13 71.0 0.119 0.814 0.018 274. 98. -2.1 0.0280 0.47 0.20 1.16 128.0 10.0 291.4 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
17 12 15 349 14 60.5 0.128 0.790 0.018 294. 110. -3.1 0.0170 0.47 0.21 1.48 189.0 10.0 292.0 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
17 12 15 349 15 38.6 0.198 0.689 0.017 306. 211. -18.1 0.0210 0.47 0.25 2.64 232.0 10.0 289.9 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
17 12 15 349 16 8.2 0.133 0.413 0.017 307. 117. -25.6 0.0170 0.47 0.34 1.89 204.0 10.0 287.5 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
17 12 15 349 17 -6.3 0.104 -9.000 -9.000 -999. 80. 15.9 0.0180 0.47 0.61 1.82 246.0 10.0 285.9 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
17 12 15 349 18 -3.1 0.074 -9.000 -9.000 -999. 48. 11.7 0.0310 0.47 1.00 1.14 177.0 10.0 284.2 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
17 12 15 349 19 -5.4 0.094 -9.000 -9.000 -999. 69. 14.1 0.0240 0.47 1.00 1.59 44.0 10.0 284.9 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
17 12 15 349 20 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0230 0.47 1.00 1.86 1.0 10.0 284.2 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
17 12 15 349 21 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0270 0.47 1.00 1.79 355.0 10.0 283.1 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
17 12 15 349 22 -7.3 0.111 -9.000 -9.000 -999. 88. 16.8 0.0270 0.47 1.00 1.82 338.0 10.0 283.8 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
17 12 15 349 23 -8.6 0.120 -9.000 -9.000 -999. 100. 18.0 0.0230 0.47 1.00 2.01 314.0 10.0 283.1 2.0 0

0.00 86. 1011. 0 ADJ-A1 NoSubs
17 12 15 349 24 -3.4 0.076 -9.000 -9.000 -999. 51. 11.7 0.0270 0.47 1.00 1.23 356.0 10.0 281.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
17 12 16 350 1 -8.8 0.122 -9.000 -9.000 -999. 102. 18.5 0.0270 0.47 1.00 1.99 330.0 10.0 280.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
17 12 16 350 2 -12.0 0.142 -9.000 -9.000 -999. 128. 22.2 0.0230 0.47 1.00 2.35 312.0 10.0 280.9 2.0 0
0.00 92. 1009. 7 ADJ-A1 NoSubs
17 12 16 350 3 -7.5 0.111 -9.000 -9.000 -999. 89. 16.6 0.0230 0.47 1.00 1.88 316.0 10.0 280.9 2.0 0
0.00 88. 1009. 10 ADJ-A1 NoSubs
17 12 16 350 4 -8.0 0.115 -9.000 -9.000 -999. 94. 17.2 0.0230 0.47 1.00 1.94 312.0 10.0 280.4 2.0 0
0.00 92. 1008. 7 ADJ-A1 NoSubs
17 12 16 350 5 -3.2 0.073 -9.000 -9.000 -999. 48. 11.0 0.0200 0.47 1.00 1.23 88.0 10.0 279.9 2.0 0
0.00 95. 1007. 10 ADJ-A1 NoSubs
17 12 16 350 6 -6.5 0.105 -9.000 -9.000 -999. 81. 15.9 0.0310 0.47 1.00 1.69 169.0 10.0 281.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
17 12 16 350 7 -11.1 0.137 -9.000 -9.000 -999. 121. 20.6 0.0230 0.47 1.00 2.27 98.0 10.0 279.9 2.0 0
0.00 95. 1007. 5 ADJ-A1 NoSubs
17 12 16 350 8 -3.9 0.081 -9.000 -9.000 -999. 56. 12.2 0.0230 0.47 0.66 1.37 7.0 10.0 279.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
17 12 16 350 9 4.2 0.122 -9.000 -9.000 -999. 102. -39.1 0.0210 0.47 0.36 1.72 228.0 10.0 283.1 2.0 0
0.00 82. 1007. 0 ADJ-A1 NoSubs
17 12 16 350 10 35.5 0.162 -9.000 -9.000 -999. 156. -10.7 0.0270 0.47 0.25 1.96 346.0 10.0 288.1 2.0 0
0.00 34. 1008. 0 ADJ-A1 NoSubs
17 12 16 350 11 58.0 0.190 -9.000 -9.000 -999. 198. -10.6 0.0230 0.47 0.22 2.37 310.0 10.0 289.2 2.0 0
0.00 26. 1007. 0 ADJ-A1 NoSubs
17 12 16 350 12 70.0 0.213 -9.000 -9.000 -999. 237. -12.5 0.0180 0.47 0.20 2.84 295.0 10.0 290.4 2.0 0
0.00 23. 1007. 0 ADJ-A1 NoSubs
17 12 16 350 13 70.9 0.242 -9.000 -9.000 -999. 285. -17.9 0.0230 0.47 0.20 3.17 305.0 10.0 291.4 2.0 0
0.00 21. 1006. 0 ADJ-A1 NoSubs
17 12 16 350 14 60.3 0.337 -9.000 -9.000 -999. 469. -56.8 0.0230 0.47 0.21 4.76 312.0 10.0 291.4 2.0 0
0.00 19. 1005. 0 ADJ-A1 NoSubs
17 12 16 350 15 39.0 0.340 -9.000 -9.000 -999. 475. -89.9 0.0230 0.47 0.25 4.90 317.0 10.0 291.4 2.0 0
0.00 19. 1006. 0 ADJ-A1 NoSubs
17 12 16 350 16 9.2 0.377 -9.000 -9.000 -999. 556. -526.3 0.0230 0.47 0.34 5.67 324.0 10.0 290.9 2.0 0
0.00 18. 1006. 0 ADJ-A1 NoSubs
17 12 16 350 17 -35.2 0.395 -9.000 -9.000 -999. 596. 171.9 0.0230 0.47 0.61 6.21 323.0 10.0 289.2 2.0
0 0.00 19. 1006. 0 ADJ-A1 NoSubs
17 12 16 350 18 -26.0 0.266 -9.000 -9.000 -999. 341. 78.1 0.0230 0.47 1.00 4.26 318.0 10.0 288.8 2.0 0
0.00 20. 1006. 0 ADJ-A1 NoSubs
17 12 16 350 19 -23.8 0.243 -9.000 -9.000 -999. 288. 64.9 0.0230 0.47 1.00 3.90 324.0 10.0 288.1 2.0 0
0.00 19. 1007. 0 ADJ-A1 NoSubs
17 12 16 350 20 -34.1 0.349 -9.000 -9.000 -999. 495. 134.2 0.0270 0.47 1.00 5.38 336.0 10.0 288.1 2.0
0 0.00 19. 1007. 0 ADJ-A1 NoSubs
17 12 16 350 21 -36.0 0.368 -9.000 -9.000 -999. 536. 149.0 0.0230 0.47 1.00 5.81 328.0 10.0 288.1 2.0
0 0.00 19. 1007. 0 ADJ-A1 NoSubs
17 12 16 350 22 -9.4 0.126 -9.000 -9.000 -999. 186. 19.1 0.0230 0.47 1.00 2.10 301.0 10.0 286.4 2.0 0
0.00 24. 1007. 0 ADJ-A1 NoSubs
17 12 16 350 23 -5.6 0.097 -9.000 -9.000 -999. 75. 14.7 0.0270 0.47 1.00 1.61 333.0 10.0 286.4 2.0 0
0.00 23. 1007. 0 ADJ-A1 NoSubs
17 12 16 350 24 -16.3 0.168 -9.000 -9.000 -999. 165. 30.9 0.0230 0.47 1.00 2.74 325.0 10.0 287.0 2.0 0
0.00 20. 1008. 0 ADJ-A1 NoSubs
17 12 17 351 1 -17.9 0.182 -9.000 -9.000 -999. 187. 36.6 0.0270 0.47 1.00 2.89 351.0 10.0 287.0 2.0 0
0.00 20. 1008. 0 ADJ-A1 NoSubs
17 12 17 351 2 -9.1 0.124 -9.000 -9.000 -999. 105. 18.7 0.0230 0.47 1.00 2.07 99.0 10.0 283.8 2.0 0

0.00 27. 1008. 0 ADJ-A1 NoSubs
17 12 17 351 3 -4.6 0.086 -9.000 -9.000 -999. 61. 12.5 0.0170 0.47 1.00 1.54 197.0 10.0 281.4 2.0 0
0.00 36. 1009. 0 ADJ-A1 NoSubs
17 12 17 351 4 -5.3 0.093 -9.000 -9.000 -999. 68. 13.4 0.0180 0.47 1.00 1.64 294.0 10.0 279.9 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
17 12 17 351 5 -3.8 0.078 -9.000 -9.000 -999. 53. 11.5 0.0180 0.47 1.00 1.37 274.0 10.0 279.2 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
17 12 17 351 6 -6.8 0.106 -9.000 -9.000 -999. 82. 15.6 0.0230 0.47 1.00 1.79 316.0 10.0 277.0 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
17 12 17 351 7 -5.2 0.092 -9.000 -9.000 -999. 67. 13.4 0.0200 0.47 1.00 1.60 60.0 10.0 280.4 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
17 12 17 351 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.66 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1011. 99 NAD NoSubs
17 12 17 351 9 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.36 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1011. 99 NAD NoSubs
17 12 17 351 10 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.25 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1012. 99 NAD NoSubs
17 12 17 351 11 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.22 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1012. 99 NAD NoSubs
17 12 17 351 12 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.20 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1011. 99 NAD NoSubs
17 12 17 351 13 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.20 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1010. 99 NAD NoSubs
17 12 17 351 14 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.21 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1010. 99 NAD NoSubs
17 12 17 351 15 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.25 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1010. 99 NAD NoSubs
17 12 17 351 16 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.34 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1010. 99 NAD NoSubs
17 12 17 351 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.61 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1011. 99 NAD NoSubs
17 12 17 351 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0230 0.47 1.00 2.37 321.0 10.0 284.2 2.0
0 0.00 48. 1011. 99 ADJ-A1 NoSubs
17 12 17 351 19 -8.5 0.119 -9.000 -9.000 -999. 98. 17.8 0.0230 0.47 1.00 1.99 308.0 10.0 282.0 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
17 12 17 351 20 -1.8 0.061 -9.000 -9.000 -999. 37. 10.9 0.0180 0.47 1.00 0.87 281.0 10.0 282.5 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
17 12 17 351 21 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.47 1.00 1.55 325.0 10.0 280.4 2.0 0
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17 12 17 351 22 -10.3 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.47 1.00 2.18 310.0 10.0 280.4 2.0 0
0.00 55. 1013. 0 ADJ-A1 NoSubs
17 12 17 351 23 -7.2 0.109 -9.000 -9.000 -999. 86. 16.1 0.0230 0.47 1.00 1.84 313.0 10.0 279.9 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
17 12 17 351 24 -6.8 0.104 -9.000 -9.000 -999. 81. 15.2 0.0180 0.47 1.00 1.84 283.0 10.0 279.2 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
17 12 18 352 1 -3.9 0.080 -9.000 -9.000 -999. 54. 11.6 0.0180 0.47 1.00 1.40 256.0 10.0 279.2 2.0 0
0.00 55. 1014. 0 ADJ-A1 NoSubs
17 12 18 352 2 -4.8 0.088 -9.000 -9.000 -999. 62. 12.7 0.0180 0.47 1.00 1.55 287.0 10.0 278.1 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
17 12 18 352 3 -6.3 0.101 -9.000 -9.000 -999. 77. 14.9 0.0230 0.47 1.00 1.72 320.0 10.0 276.4 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
17 12 18 352 4 -4.1 0.082 -9.000 -9.000 -999. 56. 12.1 0.0230 0.47 1.00 1.38 324.0 10.0 277.0 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
17 12 18 352 5 -5.3 0.092 -9.000 -9.000 -999. 66. 13.2 0.0180 0.47 1.00 1.62 269.0 10.0 277.0 2.0 0

0.00 64. 1015. 0 ADJ-A1 NoSubs
17 12 18 352 6 -3.3 0.073 -9.000 -9.000 -999. 48. 10.9 0.0180 0.47 1.00 1.26 293.0 10.0 275.4 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
17 12 18 352 7 -5.3 0.092 -9.000 -9.000 -999. 66. 13.2 0.0180 0.47 1.00 1.62 263.0 10.0 276.4 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
17 12 18 352 8 -3.3 0.074 -9.000 -9.000 -999. 48. 11.1 0.0180 0.47 0.67 1.28 284.0 10.0 277.0 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
17 12 18 352 9 3.0 0.087 0.096 0.011 10. 61. -19.5 0.0180 0.47 0.36 1.20 247.0 10.0 280.4 2.0 0
0.00 57. 1017. 0 ADJ-A1 NoSubs
17 12 18 352 10 34.0 0.180 0.501 0.009 134. 183. -15.5 0.0200 0.47 0.25 2.39 78.0 10.0 284.2 2.0 0
0.00 42. 1017. 0 ADJ-A1 NoSubs
17 12 18 352 11 56.9 0.167 0.680 0.009 200. 163. -7.4 0.0230 0.47 0.22 2.01 98.0 10.0 287.0 2.0 0
0.00 36. 1017. 0 ADJ-A1 NoSubs
17 12 18 352 12 69.5 0.170 0.873 0.009 347. 168. -6.4 0.0230 0.47 0.20 2.01 98.0 10.0 289.9 2.0 0
0.00 30. 1016. 0 ADJ-A1 NoSubs
17 12 18 352 13 70.8 0.124 0.971 0.012 468. 105. -2.4 0.0230 0.47 0.20 1.30 118.0 10.0 292.0 2.0 0
0.00 25. 1015. 0 ADJ-A1 NoSubs
17 12 18 352 14 60.7 0.125 0.951 0.012 512. 106. -2.9 0.0280 0.47 0.21 1.28 125.0 10.0 293.1 2.0 0
0.00 24. 1015. 0 ADJ-A1 NoSubs
17 12 18 352 15 39.3 0.181 0.836 0.012 538. 184. -13.6 0.0170 0.47 0.25 2.45 208.0 10.0 292.0 2.0 0
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0.00 72. 1017. 0 ADJ-A1 NoSubs
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0.00 62. 1018. 0 ADJ-A1 NoSubs
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0.00 34. 1016. 0 ADJ-A1 NoSubs
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0.00 34. 1016. 0 ADJ-A1 NoSubs
17 12 19 353 14 59.4 0.269 0.831 0.007 350. 335. -29.8 0.0210 0.47 0.21 3.73 219.0 10.0 288.1 2.0 0
0.00 43. 1016. 0 ADJ-A1 NoSubs
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0.00 71. 1016. 0 ADJ-A1 NoSubs
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0.00 96. 1018. 0 ADJ-A1 NoSubs
17 12 20 354 10 33.4 0.193 0.679 0.006 340. 203. -19.4 0.0180 0.47 0.26 2.66 275.0 10.0 284.2 2.0 0
0.00 60. 1018. 0 ADJ-A1 NoSubs
17 12 20 354 11 56.3 0.216 0.874 0.007 431. 241. -16.3 0.0230 0.47 0.22 2.81 315.0 10.0 285.9 2.0 0

0.00 48. 1018. 0 ADJ-A1 NoSubs
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0.00 45. 1017. 0 ADJ-A1 NoSubs
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0.00 41. 1017. 0 ADJ-A1 NoSubs
17 12 20 354 14 59.2 0.222 1.025 0.008 659. 252. -16.7 0.0180 0.47 0.21 3.03 293.0 10.0 287.0 2.0 0
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17 12 20 354 15 38.3 0.278 0.902 0.008 694. 351. -50.6 0.0180 0.47 0.25 4.07 287.0 10.0 287.0 2.0 0
0.00 36. 1016. 0 ADJ-A1 NoSubs
17 12 20 354 16 8.7 0.244 0.552 0.008 701. 289. -151.3 0.0230 0.47 0.34 3.58 325.0 10.0 286.4 2.0 0
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0.00 85. 1018. 0 ADJ-A1 NoSubs
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0.00 85. 1018. 0 ADJ-A1 NoSubs
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0.00 92. 1018. 0 ADJ-A1 NoSubs
17 12 21 355 4 -5.8 0.096 -9.000 -9.000 -999. 72. 14.1 0.0230 0.47 1.00 1.64 319.0 10.0 274.9 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
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0.00 92. 1018. 0 ADJ-A1 NoSubs
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17 12 21 355 9 1.8 0.079 0.076 0.007 9. 53. -25.2 0.0180 0.47 0.37 1.11 296.0 10.0 277.5 2.0 0
0.00 82. 1019. 0 ADJ-A1 NoSubs
17 12 21 355 10 32.5 0.138 0.482 0.006 125. 123. -7.3 0.0280 0.47 0.26 1.59 124.0 10.0 280.4 2.0 0
0.00 76. 1020. 0 ADJ-A1 NoSubs
17 12 21 355 11 55.4 0.117 0.749 0.005 275. 96. -2.6 0.0280 0.47 0.22 1.18 135.0 10.0 282.5 2.0 0
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17 12 21 355 13 69.1 0.210 0.979 0.005 494. 231. -12.2 0.0210 0.47 0.20 2.71 210.0 10.0 285.4 2.0 0
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17 12 21 355 14 59.0 0.170 0.999 0.005 613. 169. -7.6 0.0170 0.47 0.21 2.18 186.0 10.0 285.9 2.0 0

0.00 37. 1017. 0 ADJ-A1 NoSubs
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0.00 41. 1017. 0 ADJ-A1 NoSubs
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0.00 78. 1022. 0 ADJ-A1 NoSubs
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0.00 36. 1020. 0 ADJ-A1 NoSubs
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0.00 31. 1019. 0 ADJ-A1 NoSubs
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0.00 30. 1019. 0 ADJ-A1 NoSubs
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0.00 31. 1020. 0 ADJ-A1 NoSubs
17 12 22 356 16 9.1 0.175 0.522 0.010 566. 175. -53.1 0.0210 0.47 0.34 2.50 211.0 10.0 286.4 2.0 0
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0.00 47. 1020. 0 ADJ-A1 NoSubs
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0.00 75. 1019. 0 ADJ-A1 NoSubs
17 12 23 357 5 -2.8 0.068 -9.000 -9.000 -999. 43. 10.5 0.0180 0.47 1.00 1.13 277.0 10.0 276.4 2.0 0
0.00 78. 1019. 0 ADJ-A1 NoSubs
17 12 23 357 6 -4.4 0.084 -9.000 -9.000 -999. 59. 12.4 0.0230 0.47 1.00 1.43 305.0 10.0 276.4 2.0 0
0.00 78. 1018. 0 ADJ-A1 NoSubs
17 12 23 357 7 -2.3 0.065 -9.000 -9.000 -999. 39. 10.5 0.0180 0.47 1.00 1.01 293.0 10.0 276.4 2.0 0
0.00 78. 1019. 0 ADJ-A1 NoSubs
17 12 23 357 8 -2.9 0.071 -9.000 -9.000 -999. 45. 11.0 0.0230 0.47 0.69 1.14 3.0 10.0 277.5 2.0 0
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17 12 23 357 9 1.4 0.071 0.096 0.010 24. 46. -24.2 0.0230 0.47 0.37 0.96 303.0 10.0 278.8 2.0 0
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17 12 23 357 10 32.2 0.092 0.560 0.012 197. 67. -2.2 0.0280 0.47 0.26 0.91 143.0 10.0 281.4 2.0 0
0.00 62. 1019. 0 ADJ-A1 NoSubs
17 12 23 357 11 55.3 0.103 0.716 0.011 240. 80. -1.8 0.0170 0.47 0.22 1.11 206.0 10.0 283.8 2.0 0
0.00 55. 1019. 0 ADJ-A1 NoSubs
17 12 23 357 12 68.2 0.190 0.881 0.012 364. 200. -9.2 0.0170 0.47 0.20 2.49 180.0 10.0 286.4 2.0 0
0.00 43. 1018. 0 ADJ-A1 NoSubs
17 12 23 357 13 69.9 0.140 0.981 0.013 490. 127. -3.6 0.0280 0.47 0.20 1.48 121.0 10.0 288.8 2.0 0
0.00 35. 1017. 0 ADJ-A1 NoSubs
17 12 23 357 14 60.0 0.155 0.946 0.013 511. 147. -5.6 0.0170 0.47 0.21 1.93 193.0 10.0 289.2 2.0 0
0.00 37. 1017. 0 ADJ-A1 NoSubs
17 12 23 357 15 39.1 0.186 0.827 0.012 524. 193. -15.0 0.0180 0.47 0.25 2.52 258.0 10.0 288.1 2.0 0
0.00 43. 1016. 0 ADJ-A1 NoSubs
17 12 23 357 16 9.9 0.127 0.524 0.012 528. 110. -19.1 0.0180 0.47 0.34 1.76 259.0 10.0 288.8 2.0 0
0.00 45. 1016. 0 ADJ-A1 NoSubs
17 12 23 357 17 -2.3 0.065 -9.000 -9.000 -999. 41. 11.0 0.0230 0.47 0.59 1.04 323.0 10.0 286.4 2.0 0
0.00 52. 1016. 0 ADJ-A1 NoSubs
17 12 23 357 18 -5.4 0.093 -9.000 -9.000 -999. 68. 13.6 0.0180 0.47 1.00 1.65 256.0 10.0 284.9 2.0 0
0.00 65. 1016. 0 ADJ-A1 NoSubs
17 12 23 357 19 -3.0 0.072 -9.000 -9.000 -999. 46. 11.3 0.0270 0.47 1.00 1.13 345.0 10.0 283.8 2.0 0
0.00 68. 1017. 0 ADJ-A1 NoSubs
17 12 23 357 20 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0270 0.47 1.00 1.62 332.0 10.0 283.1 2.0 0

0.00 67. 1017. 0 ADJ-A1 NoSubs
17 12 23 357 21 -7.4 0.110 -9.000 -9.000 -999. 88. 16.4 0.0230 0.47 1.00 1.86 328.0 10.0 282.5 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
17 12 23 357 22 -6.8 0.106 -9.000 -9.000 -999. 83. 15.7 0.0230 0.47 1.00 1.79 318.0 10.0 282.0 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
17 12 23 357 23 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.47 1.00 1.26 320.0 10.0 281.4 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
17 12 23 357 24 -3.4 0.075 -9.000 -9.000 -999. 50. 11.4 0.0230 0.47 1.00 1.25 7.0 10.0 281.4 2.0 0
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0.00 73. 1017. 0 ADJ-A1 NoSubs
17 12 24 358 2 -4.2 0.083 -9.000 -9.000 -999. 57. 12.3 0.0230 0.47 1.00 1.40 303.0 10.0 279.9 2.0 0
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17 12 24 358 4 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.47 1.00 1.28 316.0 10.0 280.4 2.0 0
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17 12 24 358 5 -4.4 0.084 -9.000 -9.000 -999. 58. 12.2 0.0180 0.47 1.00 1.48 275.0 10.0 280.4 2.0 0
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17 12 24 358 6 -12.2 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.47 1.00 2.36 312.0 10.0 280.4 2.0 0
0.00 73. 1016. 0 ADJ-SFC NoSubs
17 12 24 358 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 279.9 2.0
0 0.00 76. 1015. 0 ADJ-SFC NoSubs
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0.00 73. 1015. 0 ADJ-SFC NoSubs
17 12 24 358 9 1.5 0.117 0.083 0.009 14. 96. -96.3 0.0180 0.47 0.37 1.76 258.0 10.0 281.4 2.0 0
0.00 70. 1016. 0 ADJ-SFC NoSubs
17 12 24 358 10 32.3 0.144 0.467 0.009 114. 131. -8.4 0.0230 0.47 0.26 1.76 104.0 10.0 283.1 2.0 0
0.00 60. 1017. 0 ADJ-SFC NoSubs
17 12 24 358 11 55.3 -9.000 -9.000 -9.000 305. -999. -99999.0 0.0228 0.47 0.22 0.00 0.0 10.0 284.2 2.0
0 0.00 60. 1017. 0 ADJ-SFC NoSubs
17 12 24 358 12 68.0 0.150 0.874 0.013 356. 140. -4.5 0.0200 0.47 0.20 1.76 73.0 10.0 285.9 2.0 0
0.00 54. 1016. 0 ADJ-SFC NoSubs
17 12 24 358 13 69.2 -9.000 -9.000 -9.000 401. -999. -99999.0 0.0228 0.47 0.20 0.00 0.0 10.0 285.4 2.0
0 0.00 56. 1016. 0 ADJ-SFC NoSubs
17 12 24 358 14 59.3 0.151 0.899 0.012 444. 141. -5.3 0.0228 0.47 0.21 1.76 999.0 10.0 285.4 2.0 0
0.00 68. 1016. 0 ADJ-SFC NoSubs
17 12 24 358 15 38.7 0.180 0.803 0.013 485. 183. -13.5 0.0200 0.47 0.25 2.36 75.0 10.0 285.4 2.0 0
0.00 61. 1015. 0 ADJ-SFC NoSubs
17 12 24 358 16 9.5 -9.000 -9.000 -9.000 494. -999. -99999.0 0.0228 0.47 0.33 0.00 0.0 10.0 285.9 2.0 0
0.00 61. 1016. 0 ADJ-SFC NoSubs
17 12 24 358 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.59 0.00 0.0 10.0 284.9 2.0
0 0.00 63. 1015. 0 ADJ-SFC NoSubs
17 12 24 358 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 70. 1015. 0 ADJ-SFC NoSubs
17 12 24 358 19 -6.2 0.100 -9.000 -9.000 -999. 76. 14.5 0.0180 0.47 1.00 1.76 245.0 10.0 283.1 2.0 0
0.00 73. 1015. 0 ADJ-SFC NoSubs
17 12 24 358 20 -6.6 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 17.0 10.0 283.1 2.0 0
0.00 73. 1015. 0 ADJ-SFC NoSubs
17 12 24 358 21 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.47 1.00 2.36 20.0 10.0 282.0 2.0 0
0.00 82. 1016. 0 ADJ-SFC NoSubs
17 12 24 358 22 -3.1 0.073 -9.000 -9.000 -999. 49. 11.5 0.0280 0.47 1.00 1.15 134.0 10.0 282.0 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
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0.00 76. 1016. 3 ADJ-A1 NoSubs
17 12 24 358 24 -2.9 0.071 -9.000 -9.000 -999. 45. 10.9 0.0210 0.47 1.00 1.16 217.0 10.0 281.4 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
17 12 25 359 1 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.47 1.00 1.76 340.0 10.0 280.4 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
17 12 25 359 2 -6.1 0.098 -9.000 -9.000 -999. 74. 14.2 0.0180 0.47 1.00 1.74 296.0 10.0 278.8 2.0 0
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0.00 75. 1016. 0 ADJ-A1 NoSubs
17 12 25 359 4 -9.5 0.126 -9.000 -9.000 -999. 107. 18.8 0.0230 0.47 1.00 2.10 307.0 10.0 278.8 2.0 0
0.00 78. 1016. 0 ADJ-A1 NoSubs
17 12 25 359 5 -5.8 0.098 -9.000 -9.000 -999. 74. 14.6 0.0270 0.47 1.00 1.62 339.0 10.0 278.8 2.0 0
0.00 78. 1015. 0 ADJ-A1 NoSubs
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0.00 70. 1015. 0 ADJ-A1 NoSubs
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0.00 60. 1017. 0 ADJ-A1 NoSubs
17 12 25 359 10 32.5 0.133 0.471 0.012 117. 116. -6.6 0.0270 0.47 0.26 1.53 337.0 10.0 285.4 2.0 0
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0.00 38. 1016. 0 ADJ-A1 NoSubs
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0.00 31. 1015. 0 ADJ-A1 NoSubs
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17 12 25 359 14 61.1 0.144 0.908 0.009 444. 132. -4.5 0.0200 0.47 0.21 1.69 64.0 10.0 292.0 2.0 0
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17 12 25 359 15 40.5 0.110 0.815 0.010 482. 88. -3.0 0.0230 0.47 0.24 1.18 12.0 10.0 292.0 2.0 0
0.00 29. 1013. 0 ADJ-A1 NoSubs
17 12 25 359 16 11.0 0.137 0.530 0.010 490. 122. -21.3 0.0170 0.47 0.33 1.93 181.0 10.0 290.9 2.0 0
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17 12 25 359 17 -7.8 0.117 -9.000 -9.000 -999. 96. 18.6 0.0180 0.47 0.59 2.03 263.0 10.0 287.0 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
17 12 25 359 18 -6.2 0.102 -9.000 -9.000 -999. 79. 15.5 0.0270 0.47 1.00 1.69 352.0 10.0 287.5 2.0 0
0.00 45. 1014. 0 ADJ-A1 NoSubs
17 12 25 359 19 -2.9 0.072 -9.000 -9.000 -999. 46. 11.4 0.0270 0.47 1.00 1.13 334.0 10.0 285.9 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
17 12 25 359 20 -6.8 0.106 -9.000 -9.000 -999. 83. 15.8 0.0230 0.47 1.00 1.79 319.0 10.0 285.4 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
17 12 25 359 21 -5.4 0.094 -9.000 -9.000 -999. 69. 14.0 0.0230 0.47 1.00 1.60 311.0 10.0 283.8 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
17 12 25 359 22 -4.7 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 1.00 1.47 348.0 10.0 284.2 2.0 0
0.00 71. 1015. 3 ADJ-A1 NoSubs
17 12 25 359 23 -6.1 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.47 1.00 1.76 295.0 10.0 284.9 2.0 0
0.00 58. 1015. 10 ADJ-A1 NoSubs
17 12 25 359 24 -4.9 0.089 -9.000 -9.000 -999. 64. 12.9 0.0170 0.47 1.00 1.59 195.0 10.0 284.2 2.0 0
0.00 60. 1015. 7 ADJ-A1 NoSubs
17 12 26 360 1 -6.8 0.106 -9.000 -9.000 -999. 83. 15.8 0.0230 0.47 1.00 1.79 321.0 10.0 284.2 2.0 0
0.00 63. 1015. 3 ADJ-A1 NoSubs
17 12 26 360 2 -2.8 0.069 -9.000 -9.000 -999. 44. 11.0 0.0230 0.47 1.00 1.11 20.0 10.0 283.8 2.0 0

0.00 68. 1015. 0 ADJ-A1 NoSubs
17 12 26 360 3 -1.8 0.062 -9.000 -9.000 -999. 37. 11.7 0.0270 0.47 1.00 0.82 346.0 10.0 283.8 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
17 12 26 360 4 -4.4 0.084 -9.000 -9.000 -999. 58. 12.2 0.0180 0.47 1.00 1.48 290.0 10.0 282.5 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
17 12 26 360 5 -6.7 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.47 1.00 1.77 303.0 10.0 281.4 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
17 12 26 360 6 -4.7 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.47 1.00 1.48 303.0 10.0 279.9 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
17 12 26 360 7 -3.4 0.075 -9.000 -9.000 -999. 50. 11.4 0.0230 0.47 1.00 1.25 313.0 10.0 279.2 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
17 12 26 360 8 -4.1 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.47 0.70 1.38 318.0 10.0 280.4 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
17 12 26 360 9 1.4 0.106 0.080 0.014 13. 83. -79.4 0.0180 0.47 0.37 1.59 282.0 10.0 283.1 2.0 0
0.00 62. 1017. 0 ADJ-A1 NoSubs
17 12 26 360 10 32.7 0.103 0.430 0.014 88. 80. -3.1 0.0210 0.47 0.26 1.14 227.0 10.0 287.0 2.0 0
0.00 52. 1018. 0 ADJ-A1 NoSubs
17 12 26 360 11 56.2 0.148 0.629 0.010 161. 137. -5.3 0.0280 0.47 0.22 1.65 125.0 10.0 289.2 2.0 0
0.00 47. 1018. 0 ADJ-A1 NoSubs
17 12 26 360 12 69.2 0.146 0.803 0.008 272. 134. -4.1 0.0280 0.47 0.20 1.57 132.0 10.0 290.9 2.0 0
0.00 45. 1017. 0 ADJ-A1 NoSubs
17 12 26 360 13 70.8 0.192 0.881 0.007 349. 203. -9.1 0.0310 0.47 0.20 2.23 172.0 10.0 291.4 2.0 0
0.00 44. 1016. 0 ADJ-A1 NoSubs
17 12 26 360 14 60.9 0.204 0.874 0.006 397. 220. -12.5 0.0170 0.47 0.21 2.74 184.0 10.0 290.9 2.0 0
0.00 45. 1016. 0 ADJ-A1 NoSubs
17 12 26 360 15 40.2 0.219 0.770 0.005 412. 246. -23.6 0.0170 0.47 0.24 3.10 202.0 10.0 289.9 2.0 0
0.00 51. 1016. 0 ADJ-A1 NoSubs
17 12 26 360 16 10.3 0.209 0.491 0.005 414. 229. -79.5 0.0310 0.47 0.33 2.84 178.0 10.0 287.0 2.0 0
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17 12 26 360 17 -7.0 0.111 -9.000 -9.000 -999. 93. 17.9 0.0230 0.47 0.58 1.87 110.0 10.0 284.9 2.0 0
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17 12 26 360 18 -3.7 0.079 -9.000 -9.000 -999. 53. 12.1 0.0280 0.47 1.00 1.28 128.0 10.0 283.8 2.0 0
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17 12 26 360 19 -4.3 0.083 -9.000 -9.000 -999. 57. 12.0 0.0170 0.47 1.00 1.47 209.0 10.0 283.1 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
17 12 26 360 20 -3.6 0.076 -9.000 -9.000 -999. 51. 11.3 0.0180 0.47 1.00 1.33 266.0 10.0 282.0 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
17 12 26 360 21 -8.0 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.47 1.00 1.93 309.0 10.0 280.9 2.0 0
0.00 88. 1018. 0 ADJ-A1 NoSubs
17 12 26 360 22 -7.7 0.112 -9.000 -9.000 -999. 90. 16.6 0.0230 0.47 1.00 1.89 317.0 10.0 279.2 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
17 12 26 360 23 -10.5 0.132 -9.000 -9.000 -999. 115. 19.9 0.0230 0.47 1.00 2.20 314.0 10.0 279.9 2.0 0
0.00 88. 1018. 0 ADJ-A1 NoSubs
17 12 26 360 24 -10.6 0.132 -9.000 -9.000 -999. 115. 19.8 0.0230 0.47 1.00 2.20 323.0 10.0 278.8 2.0 0
0.00 88. 1018. 0 ADJ-A1 NoSubs
17 12 27 361 1 -8.0 0.115 -9.000 -9.000 -999. 94. 17.3 0.0270 0.47 1.00 1.89 341.0 10.0 278.1 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
17 12 27 361 2 -5.0 0.091 -9.000 -9.000 -999. 66. 13.5 0.0270 0.47 1.00 1.50 346.0 10.0 277.5 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
17 12 27 361 3 -6.5 0.103 -9.000 -9.000 -999. 79. 15.3 0.0270 0.47 1.00 1.70 351.0 10.0 277.5 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
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0.00 92. 1019. 0 ADJ-A1 NoSubs
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0.00 92. 1019. 0 ADJ-A1 NoSubs
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0.00 92. 1019. 0 ADJ-A1 NoSubs
17 12 27 361 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 277.5 2.0
0 0.00 85. 1020. 0 ADJ-SFC NoSubs
17 12 27 361 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.71 0.00 0.0 10.0 276.4 2.0
0 0.00 92. 1020. 0 ADJ-SFC NoSubs
17 12 27 361 9 0.6 0.153 0.068 0.016 19. 144. -566.4 0.0200 0.47 0.37 2.36 84.0 10.0 278.8 2.0 0
0.00 91. 1020. 0 ADJ-SFC NoSubs
17 12 27 361 10 31.6 -9.000 -9.000 -9.000 125. -999. -99999.0 0.0228 0.47 0.26 0.00 0.0 10.0 281.4 2.0
0 0.00 82. 1020. 0 ADJ-SFC NoSubs
17 12 27 361 11 55.3 -9.000 -9.000 -9.000 227. -999. -99999.0 0.0228 0.47 0.22 0.00 0.0 10.0 285.4 2.0
0 0.00 63. 1020. 0 ADJ-SFC NoSubs
17 12 27 361 12 68.6 -9.000 -9.000 -9.000 294. -999. -99999.0 0.0228 0.47 0.20 0.00 0.0 10.0 288.1 2.0
0 0.00 57. 1020. 0 ADJ-SFC NoSubs
17 12 27 361 13 70.6 -9.000 -9.000 -9.000 338. -999. -99999.0 0.0228 0.47 0.20 0.00 0.0 10.0 290.4 2.0
0 0.00 49. 1018. 0 ADJ-SFC NoSubs
17 12 27 361 14 61.3 -9.000 -9.000 -9.000 372. -999. -99999.0 0.0228 0.47 0.21 0.00 0.0 10.0 291.4 2.0
0 0.00 49. 1018. 0 ADJ-SFC NoSubs
17 12 27 361 15 41.1 -9.000 -9.000 -9.000 393. -999. -99999.0 0.0228 0.47 0.24 0.00 0.0 10.0 292.0 2.0
0 0.00 49. 1017. 0 ADJ-SFC NoSubs
17 12 27 361 16 11.6 0.143 0.504 0.011 398. 129. -22.7 0.0210 0.47 0.33 1.94 217.0 10.0 290.9 2.0 0
0.00 55. 1017. 0 ADJ-A1 NoSubs
17 12 27 361 17 -5.8 0.102 -9.000 -9.000 -999. 78. 16.5 0.0230 0.47 0.58 1.72 306.0 10.0 288.8 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
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0.00 73. 1017. 0 ADJ-A1 NoSubs
17 12 27 361 19 -7.9 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.47 1.00 1.93 311.0 10.0 284.2 2.0 0
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0.00 88. 1018. 0 ADJ-A1 NoSubs
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0.00 88. 1017. 0 ADJ-A1 NoSubs
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0.00 88. 1017. 0 ADJ-A1 NoSubs
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0.00 41. 1016. 0 ADJ-A1 NoSubs
17 12 28 362 14 62.4 0.194 0.915 0.012 445. 205. -10.5 0.0230 0.47 0.21 2.42 110.0 10.0 294.2 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
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0.00 61. 1015. 0 ADJ-A1 NoSubs
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0.00 63. 1015. 0 ADJ-A1 NoSubs
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0.00 65. 1015. 0 ADJ-A1 NoSubs
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0.00 70. 1016. 0 ADJ-A1 NoSubs
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0.00 70. 1015. 0 ADJ-A1 NoSubs
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0.00 73. 1015. 0 ADJ-A1 NoSubs
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0.00 76. 1015. 0 ADJ-A1 NoSubs
17 12 29 363 3 -4.7 0.088 -9.000 -9.000 -999. 62. 13.0 0.0240 0.47 1.00 1.48 35.0 10.0 280.4 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
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0.00 76. 1015. 0 ADJ-A1 NoSubs
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0.00 70. 1015. 0 ADJ-A1 NoSubs
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0.00 79. 1015. 0 ADJ-A1 NoSubs
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0.00 79. 1015. 0 ADJ-A1 NoSubs
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0.00 65. 1016. 0 ADJ-A1 NoSubs
17 12 29 363 10 32.1 0.159 0.421 0.025 84. 152. -11.3 0.0200 0.47 0.26 2.05 77.0 10.0 285.4 2.0 0
0.00 61. 1016. 0 ADJ-A1 NoSubs
17 12 29 363 11 56.2 0.172 0.688 0.027 210. 172. -8.3 0.0230 0.47 0.22 2.10 91.0 10.0 289.2 2.0 0

0.00 49. 1015. 0 ADJ-A1 NoSubs
17 12 29 363 12 69.8 0.221 0.775 0.024 241. 250. -14.0 0.0230 0.47 0.20 2.84 105.0 10.0 292.0 2.0 0
0.00 41. 1015. 0 ADJ-A1 NoSubs
17 12 29 363 13 72.0 0.149 0.876 0.024 337. 139. -4.1 0.0280 0.47 0.20 1.60 133.0 10.0 293.8 2.0 0
0.00 38. 1014. 0 ADJ-A1 NoSubs
17 12 29 363 14 62.9 0.130 0.892 0.023 408. 113. -3.2 0.0280 0.47 0.21 1.35 127.0 10.0 294.9 2.0 0
0.00 34. 1013. 0 ADJ-A1 NoSubs
17 12 29 363 15 43.0 0.203 0.805 0.022 439. 220. -17.6 0.0230 0.47 0.24 2.66 111.0 10.0 295.9 2.0 0
0.00 32. 1013. 0 ADJ-A1 NoSubs
17 12 29 363 16 13.7 0.182 0.554 0.022 447. 186. -39.5 0.0230 0.47 0.33 2.52 100.0 10.0 295.4 2.0 0
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17 12 29 363 17 -6.4 0.108 -9.000 -9.000 -999. 87. 17.9 0.0200 0.47 0.57 1.86 88.0 10.0 292.5 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
17 12 29 363 18 -6.9 0.108 -9.000 -9.000 -999. 85. 16.2 0.0230 0.47 1.00 1.82 317.0 10.0 289.2 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
17 12 29 363 19 -11.2 0.137 -9.000 -9.000 -999. 122. 21.0 0.0230 0.47 1.00 2.28 307.0 10.0 286.4 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
17 12 29 363 20 -10.4 0.131 -9.000 -9.000 -999. 114. 19.6 0.0180 0.47 1.00 2.27 290.0 10.0 285.4 2.0 0
0.00 63. 1014. 0 ADJ-A1 NoSubs
17 12 29 363 21 -4.6 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.47 1.00 1.48 302.0 10.0 283.1 2.0 0
0.00 70. 1014. 0 ADJ-A1 NoSubs
17 12 29 363 22 -4.8 0.088 -9.000 -9.000 -999. 63. 13.1 0.0230 0.47 1.00 1.50 321.0 10.0 282.5 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
17 12 29 363 23 -4.3 0.084 -9.000 -9.000 -999. 59. 12.6 0.0240 0.47 1.00 1.42 58.0 10.0 282.5 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
17 12 29 363 24 -3.2 0.073 -9.000 -9.000 -999. 47. 10.9 0.0180 0.47 1.00 1.25 263.0 10.0 280.9 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
17 12 30 364 1 -1.6 0.059 -9.000 -9.000 -999. 34. 11.4 0.0180 0.47 1.00 0.79 290.0 10.0 280.9 2.0 0
0.00 78. 1014. 0 ADJ-A1 NoSubs
17 12 30 364 2 -3.2 0.073 -9.000 -9.000 -999. 47. 10.9 0.0180 0.47 1.00 1.25 278.0 10.0 280.4 2.0 0
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17 12 30 364 4 -5.1 0.090 -9.000 -9.000 -999. 65. 13.1 0.0180 0.47 1.00 1.60 275.0 10.0 278.8 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
17 12 30 364 5 -18.0 0.177 -9.000 -9.000 -999. 179. 34.5 0.0210 0.47 1.00 2.93 233.0 10.0 278.8 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
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0.00 79. 1013. 0 ADJ-A1 NoSubs
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0.00 73. 1014. 0 ADJ-A1 NoSubs
17 12 30 364 10 31.8 0.089 0.417 0.023 82. 64. -2.0 0.0280 0.47 0.26 0.86 125.0 10.0 283.8 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
17 12 30 364 11 55.7 0.119 0.606 0.022 144. 99. -2.7 0.0280 0.47 0.22 1.21 143.0 10.0 287.0 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
17 12 30 364 12 69.4 0.107 0.797 0.023 263. 83. -1.6 0.0230 0.47 0.20 1.04 117.0 10.0 290.4 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
17 12 30 364 13 71.5 0.141 0.846 0.022 305. 127. -3.5 0.0280 0.47 0.20 1.48 129.0 10.0 291.4 2.0 0
0.00 44. 1012. 0 ADJ-A1 NoSubs
17 12 30 364 14 62.8 0.156 0.871 0.023 379. 148. -5.5 0.0230 0.47 0.21 1.82 109.0 10.0 293.8 2.0 0

0.00 37. 1011. 0 ADJ-A1 NoSubs
17 12 30 364 15 42.5 0.151 0.778 0.023 400. 140. -7.3 0.0280 0.47 0.24 1.74 129.0 10.0 293.1 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
17 12 30 364 16 12.1 0.194 0.513 0.022 402. 206. -55.0 0.0210 0.47 0.33 2.79 235.0 10.0 288.1 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
17 12 30 364 17 -4.6 0.091 -9.000 -9.000 -999. 71. 14.5 0.0180 0.47 0.56 1.60 259.0 10.0 287.0 2.0 0
0.00 57. 1011. 0 ADJ-A1 NoSubs
17 12 30 364 18 -4.0 0.082 -9.000 -9.000 -999. 56. 12.3 0.0230 0.47 1.00 1.38 302.0 10.0 285.9 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
17 12 30 364 19 -5.6 0.096 -9.000 -9.000 -999. 72. 14.3 0.0230 0.47 1.00 1.64 327.0 10.0 284.2 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
17 12 30 364 20 -12.3 0.144 -9.000 -9.000 -999. 131. 22.8 0.0230 0.47 1.00 2.38 307.0 10.0 283.1 2.0 0
0.00 73. 1011. 0 ADJ-A1 NoSubs
17 12 30 364 21 -9.3 0.124 -9.000 -9.000 -999. 104. 18.3 0.0180 0.47 1.00 2.15 290.0 10.0 282.5 2.0 0
0.00 73. 1011. 0 ADJ-A1 NoSubs
17 12 30 364 22 -8.8 0.121 -9.000 -9.000 -999. 101. 18.2 0.0230 0.47 1.00 2.03 301.0 10.0 281.4 2.0 0
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0.00 82. 1011. 0 ADJ-A1 NoSubs
17 12 31 365 2 -4.5 0.086 -9.000 -9.000 -999. 61. 12.9 0.0270 0.47 1.00 1.42 334.0 10.0 279.2 2.0 0
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17 12 31 365 3 -7.0 0.107 -9.000 -9.000 -999. 84. 15.8 0.0230 0.47 1.00 1.81 313.0 10.0 279.9 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
17 12 31 365 4 -5.0 0.091 -9.000 -9.000 -999. 65. 13.4 0.0230 0.47 1.00 1.54 308.0 10.0 279.9 2.0 0
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17 12 31 365 5 -6.8 0.106 -9.000 -9.000 -999. 82. 15.6 0.0230 0.47 1.00 1.79 313.0 10.0 279.9 2.0 0
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17 12 31 365 6 -8.0 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.47 1.00 1.93 315.0 10.0 279.9 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
17 12 31 365 7 -11.2 0.137 -9.000 -9.000 -999. 121. 20.7 0.0230 0.47 1.00 2.27 309.0 10.0 280.4 2.0 0
0.00 85. 1013. 7 ADJ-A1 NoSubs
17 12 31 365 8 -9.9 0.129 -9.000 -9.000 -999. 111. 19.5 0.0230 0.47 0.72 2.15 325.0 10.0 281.4 2.0 0
0.00 79. 1013. 3 ADJ-A1 NoSubs
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0.00 76. 1013. 7 ADJ-A1 NoSubs
17 12 31 365 10 32.4 0.191 0.442 0.015 96. 200. -19.4 0.0180 0.47 0.26 2.64 274.0 10.0 287.0 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
17 12 31 365 11 56.1 0.241 0.624 0.017 156. 284. -22.6 0.0180 0.47 0.22 3.37 255.0 10.0 288.1 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
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0.00 74. 1014. 0 ADJ-A1 NoSubs
17 12 31 365 13 70.7 0.268 0.867 0.016 333. 333. -24.5 0.0180 0.47 0.20 3.76 240.0 10.0 287.0 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
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0.00 77. 1013. 7 ADJ-A1 NoSubs
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0.00 68. 1013. 10 ADJ-A1 NoSubs
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0.00 77. 1013. 7 ADJ-A1 NoSubs
17 12 31 365 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0180 0.47 0.56 2.06 249.0 10.0 999.0 -9.0

9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 12 31 365 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0180 0.47 1.00 1.84 261.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 12 31 365 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0230 0.47 1.00 1.59 314.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 12 31 365 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0180 0.47 1.00 1.22 283.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
17 12 31 365 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 12 31 365 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 12 31 365 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
17 12 31 365 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
18 1 1 1 1 -3.9 0.080 -9.000 -9.000 -999. 54. 12.0 0.0230 0.83 1.00 1.35 301.0 10.0 283.8 2.0 0
0.00 85. 1017. 10 ADJ-A1 NoSubs
18 1 1 1 2 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 1.00 1.06 354.0 10.0 283.8 2.0 0
0.00 85. 1017. 7 ADJ-A1 NoSubs
18 1 1 1 3 -4.2 0.084 -9.000 -9.000 -999. 58. 12.6 0.0270 0.83 1.00 1.38 332.0 10.0 281.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
18 1 1 1 4 -9.1 0.122 -9.000 -9.000 -999. 103. 18.3 0.0230 0.83 1.00 2.05 310.0 10.0 280.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
18 1 1 1 5 -13.9 0.153 -9.000 -9.000 -999. 144. 25.8 0.0230 0.83 1.00 2.52 316.0 10.0 280.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
18 1 1 1 6 -2.0 0.062 -9.000 -9.000 -999. 42. 11.2 0.0230 0.83 1.00 0.87 317.0 10.0 279.2 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
18 1 1 1 7 -8.9 0.121 -9.000 -9.000 -999. 101. 18.1 0.0230 0.83 1.00 2.03 322.0 10.0 279.2 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
18 1 1 1 8 -2.6 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.83 0.72 1.06 3.0 10.0 279.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
18 1 1 1 9 0.6 0.113 0.055 0.006 10. 91. -220.9 0.0200 0.83 0.38 1.72 66.0 10.0 281.4 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
18 1 1 1 10 45.1 0.220 0.583 0.007 159. 248. -21.5 0.0230 0.83 0.26 2.93 91.0 10.0 283.8 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
18 1 1 1 11 79.2 0.118 1.002 0.015 461. 102. -1.9 0.0280 0.83 0.22 1.13 129.0 10.0 286.4 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
18 1 1 1 12 98.3 0.135 1.144 0.017 553. 119. -2.3 0.0310 0.83 0.20 1.30 153.0 10.0 288.1 2.0 0
0.00 66. 1016. 0 ADJ-A1 NoSubs
18 1 1 1 13 102.1 0.146 1.214 0.019 635. 133. -2.7 0.0280 0.83 0.20 1.48 129.0 10.0 290.9 2.0 0
0.00 55. 1015. 0 ADJ-A1 NoSubs
18 1 1 1 14 89.9 0.168 1.204 0.019 703. 166. -4.8 0.0230 0.83 0.21 1.93 106.0 10.0 293.1 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
18 1 1 1 15 61.8 0.178 1.076 0.019 730. 180. -8.2 0.0280 0.83 0.24 2.08 122.0 10.0 293.8 2.0 0
0.00 43. 1014. 0 ADJ-A1 NoSubs
18 1 1 1 16 19.2 0.160 0.731 0.019 734. 153. -19.2 0.0310 0.83 0.32 1.99 159.0 10.0 290.4 2.0 0
0.00 62. 1014. 0 ADJ-A1 NoSubs
18 1 1 1 17 -3.6 0.080 -9.000 -9.000 -999. 57. 12.9 0.0170 0.83 0.55 1.43 199.0 10.0 288.1 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
18 1 1 1 18 -2.9 0.070 -9.000 -9.000 -999. 44. 10.7 0.0180 0.83 1.00 1.18 264.0 10.0 287.5 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
18 1 1 1 19 -5.2 0.092 -9.000 -9.000 -999. 66. 13.4 0.0180 0.83 1.00 1.62 275.0 10.0 284.9 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
18 1 1 1 20 -10.2 0.131 -9.000 -9.000 -999. 114. 19.9 0.0230 0.83 1.00 2.18 312.0 10.0 284.9 2.0 0

0.00 79. 1015. 0 ADJ-A1 NoSubs
18 1 1 1 21 -4.4 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 302.0 10.0 283.8 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
18 1 1 1 22 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.83 1.00 1.62 307.0 10.0 284.2 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
18 1 1 1 23 -6.7 0.106 -9.000 -9.000 -999. 82. 15.9 0.0270 0.83 1.00 1.74 353.0 10.0 283.8 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
18 1 1 1 24 -6.2 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.83 1.00 1.72 313.0 10.0 284.2 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
18 1 2 2 1 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.83 1.00 1.55 305.0 10.0 283.8 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
18 1 2 2 2 -3.8 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.83 1.00 1.33 310.0 10.0 283.1 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
18 1 2 2 3 -4.8 0.088 -9.000 -9.000 -999. 62. 12.8 0.0180 0.83 1.00 1.55 290.0 10.0 283.1 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
18 1 2 2 4 -5.4 0.093 -9.000 -9.000 -999. 68. 13.5 0.0180 0.83 1.00 1.65 269.0 10.0 282.0 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
18 1 2 2 5 -7.8 0.113 -9.000 -9.000 -999. 92. 17.0 0.0230 0.83 1.00 1.91 317.0 10.0 283.1 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
18 1 2 2 6 -4.3 0.085 -9.000 -9.000 -999. 59. 12.8 0.0270 0.83 1.00 1.40 344.0 10.0 283.1 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
18 1 2 2 7 -4.9 0.091 -9.000 -9.000 -999. 65. 13.6 0.0270 0.83 1.00 1.50 355.0 10.0 283.8 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
18 1 2 2 8 -3.1 0.072 -9.000 -9.000 -999. 46. 10.8 0.0180 0.83 0.72 1.23 292.0 10.0 282.5 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
18 1 2 2 9 1.2 0.076 0.075 0.021 12. 50. -33.0 0.0180 0.83 0.38 1.09 290.0 10.0 284.2 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
18 1 2 2 10 45.9 0.099 0.521 0.019 111. 75. -1.9 0.0180 0.83 0.26 1.06 296.0 10.0 286.4 2.0 0
0.00 66. 1016. 0 ADJ-A1 NoSubs
18 1 2 2 11 79.7 0.111 0.744 0.018 187. 89. -1.5 0.0230 0.83 0.22 1.08 111.0 10.0 287.5 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
18 1 2 2 12 98.9 0.161 0.888 0.016 256. 155. -3.8 0.0170 0.83 0.20 1.91 196.0 10.0 289.2 2.0 0
0.00 53. 1015. 0 ADJ-A1 NoSubs
18 1 2 2 13 102.5 0.184 0.992 0.015 345. 190. -5.5 0.0230 0.83 0.20 2.15 8.0 10.0 290.9 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
18 1 2 2 14 89.7 0.204 1.003 0.014 407. 221. -8.6 0.0310 0.83 0.21 2.35 169.0 10.0 291.4 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
18 1 2 2 15 61.7 0.120 0.913 0.014 445. 102. -2.5 0.0270 0.83 0.24 1.21 345.0 10.0 292.0 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
18 1 2 2 16 20.3 0.130 0.636 0.013 456. 113. -9.9 0.0230 0.83 0.32 1.62 305.0 10.0 291.4 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
18 1 2 2 17 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0180 0.83 0.55 1.20 271.0 10.0 289.2 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
18 1 2 2 18 -6.1 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.83 1.00 1.71 310.0 10.0 287.5 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
18 1 2 2 19 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.83 1.00 1.48 323.0 10.0 286.4 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
18 1 2 2 20 -3.2 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 1.00 1.20 358.0 10.0 287.0 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
18 1 2 2 21 -4.1 0.083 -9.000 -9.000 -999. 57. 12.4 0.0230 0.83 1.00 1.40 8.0 10.0 287.0 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
18 1 2 2 22 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0270 0.83 1.00 1.76 352.0 10.0 286.4 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
18 1 2 2 23 -2.1 0.063 -9.000 -9.000 -999. 38. 11.0 0.0230 0.83 1.00 0.92 6.0 10.0 286.4 2.0 0

0.00 61. 1012. 0 ADJ-A1 NoSubs
18 1 2 2 24 -2.1 0.062 -9.000 -9.000 -999. 37. 10.5 0.0170 0.83 1.00 0.96 205.0 10.0 284.9 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
18 1 3 3 1 -6.5 0.103 -9.000 -9.000 -999. 79. 15.0 0.0180 0.83 1.00 1.81 293.0 10.0 284.2 2.0 0
0.00 65. 1012. 3 ADJ-A1 NoSubs
18 1 3 3 2 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.83 1.00 1.55 320.0 10.0 281.4 2.0 0
0.00 79. 1012. 3 ADJ-A1 NoSubs
18 1 3 3 3 -4.3 0.083 -9.000 -9.000 -999. 58. 12.2 0.0180 0.83 1.00 1.47 290.0 10.0 284.2 2.0 0
0.00 63. 1012. 0 ADJ-A1 NoSubs
18 1 3 3 4 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0230 0.83 1.00 1.42 329.0 10.0 283.1 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
18 1 3 3 5 -10.4 0.132 -9.000 -9.000 -999. 115. 20.0 0.0230 0.83 1.00 2.20 326.0 10.0 282.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 1 3 3 6 -9.9 0.129 -9.000 -9.000 -999. 112. 19.8 0.0270 0.83 1.00 2.10 335.0 10.0 283.1 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 1 3 3 7 -5.7 0.097 -9.000 -9.000 -999. 72. 14.3 0.0210 0.83 1.00 1.67 232.0 10.0 283.8 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
18 1 3 3 8 -5.9 0.099 -9.000 -9.000 -999. 75. 14.9 0.0270 0.83 0.72 1.64 334.0 10.0 282.5 2.0 0
0.00 70. 1011. 5 ADJ-A1 NoSubs
18 1 3 3 9 1.5 0.078 0.085 0.019 15. 52. -28.8 0.0180 0.83 0.38 1.11 290.0 10.0 285.4 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
18 1 3 3 10 8.9 0.134 0.217 0.017 41. 118. -24.7 0.0180 0.83 0.26 1.89 299.0 10.0 285.4 2.0 0
0.00 63. 1012. 10 ADJ-A1 NoSubs
18 1 3 3 11 17.4 0.166 0.338 0.017 79. 162. -23.7 0.0270 0.83 0.22 2.16 338.0 10.0 285.9 2.0 0
0.00 66. 1012. 10 ADJ-A1 NoSubs
18 1 3 3 12 22.0 0.157 0.407 0.017 110. 149. -15.7 0.0230 0.83 0.20 2.03 23.0 10.0 285.4 2.0 11
0.80 74. 1011. 10 ADJ-A1 NoSubs
18 1 3 3 13 23.1 0.159 0.470 0.017 162. 152. -15.7 0.0230 0.83 0.20 2.06 320.0 10.0 286.4 2.0 11
0.30 80. 1011. 10 ADJ-A1 NoSubs
18 1 3 3 14 19.4 0.174 0.453 0.017 172. 174. -24.5 0.0240 0.83 0.21 2.32 45.0 10.0 284.9 2.0 11
1.80 100. 1011. 10 ADJ-A1 NoSubs
18 1 3 3 15 60.2 0.198 0.697 0.014 202. 212. -11.6 0.0230 0.83 0.24 2.50 13.0 10.0 285.9 2.0 11
0.80 999. 1010. 0 ADJ-A1 NoSubs
18 1 3 3 16 23.8 0.181 0.521 0.014 213. 184. -22.2 0.0230 0.83 0.32 2.41 17.0 10.0 288.8 2.0 0
0.00 999. 1010. 7 ADJ-A1 NoSubs
18 1 3 3 17 -6.7 0.117 -9.000 -9.000 -999. 98. 21.8 0.0240 0.83 0.54 1.93 51.0 10.0 287.5 2.0 0
0.00 999. 1010. 5 ADJ-A1 NoSubs
18 1 3 3 18 -6.2 0.102 -9.000 -9.000 -999. 78. 15.4 0.0240 0.83 1.00 1.72 47.0 10.0 287.5 2.0 0
0.00 71. 1010. 10 ADJ-A1 NoSubs
18 1 3 3 19 -2.9 0.072 -9.000 -9.000 -999. 46. 11.4 0.0270 0.83 1.00 1.13 339.0 10.0 285.9 2.0 11
0.30 86. 1010. 10 ADJ-A1 NoSubs
18 1 3 3 20 -8.0 0.115 -9.000 -9.000 -999. 94. 17.0 0.0180 0.83 1.00 2.01 290.0 10.0 286.4 2.0 11
0.30 86. 1010. 10 ADJ-A1 NoSubs
18 1 3 3 21 -13.4 0.150 -9.000 -9.000 -999. 140. 24.8 0.0180 0.83 1.00 2.57 295.0 10.0 285.9 2.0 11
1.00 89. 1010. 10 ADJ-A1 NoSubs
18 1 3 3 22 -8.4 0.117 -9.000 -9.000 -999. 97. 17.4 0.0180 0.83 1.00 2.05 278.0 10.0 285.9 2.0 11
0.80 100. 1011. 10 ADJ-A1 NoSubs
18 1 3 3 23 -4.1 0.083 -9.000 -9.000 -999. 58. 12.6 0.0270 0.83 1.00 1.37 353.0 10.0 285.4 2.0 11
5.80 999. 1012. 10 ADJ-A1 NoSubs
18 1 3 3 24 -8.4 0.119 -9.000 -9.000 -999. 98. 17.9 0.0230 0.83 1.00 1.99 1.0 10.0 284.9 2.0 11
3.60 999. 1012. 10 ADJ-A1 NoSubs
18 1 4 4 1 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.59 3.0 10.0 285.4 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
18 1 4 4 2 -2.9 0.071 -9.000 -9.000 -999. 45. 11.1 0.0230 0.83 1.00 1.14 6.0 10.0 285.4 2.0 0

0.00 999. 1012. 10 ADJ-A1 NoSubs
18 1 4 4 3 -2.4 0.066 -9.000 -9.000 -999. 41. 10.7 0.0210 0.83 1.00 1.03 232.0 10.0 283.8 2.0 0
0.00 999. 1012. 10 ADJ-A1 NoSubs
18 1 4 4 4 -4.9 0.089 -9.000 -9.000 -999. 64. 13.0 0.0180 0.83 1.00 1.58 252.0 10.0 283.1 2.0 0
0.00 999. 1012. 3 ADJ-A1 NoSubs
18 1 4 4 5 -7.3 0.111 -9.000 -9.000 -999. 88. 16.7 0.0270 0.83 1.00 1.82 340.0 10.0 282.5 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 1 4 4 6 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.83 1.00 1.48 347.0 10.0 280.9 2.0 0
0.00 999. 1013. 5 ADJ-A1 NoSubs
18 1 4 4 7 -6.9 0.107 -9.000 -9.000 -999. 84. 15.9 0.0230 0.83 1.00 1.81 4.0 10.0 282.0 2.0 0
0.00 100. 1013. 3 ADJ-A1 NoSubs
18 1 4 4 8 -7.3 0.111 -9.000 -9.000 -999. 88. 16.7 0.0270 0.83 0.72 1.82 343.0 10.0 282.5 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 1 4 4 9 -2.3 0.088 -9.000 -9.000 -999. 63. 26.4 0.0270 0.83 0.38 1.40 343.0 10.0 284.9 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 1 4 4 10 44.0 0.133 0.601 0.006 179. 116. -4.8 0.0230 0.83 0.26 1.52 27.0 10.0 286.4 2.0 0
0.00 89. 1014. 7 ADJ-A1 NoSubs
18 1 4 4 11 18.4 0.089 0.478 0.006 214. 64. -3.5 0.0200 0.83 0.22 1.01 62.0 10.0 288.8 2.0 0
0.00 83. 1014. 10 ADJ-A1 NoSubs
18 1 4 4 12 23.5 0.137 0.548 0.005 252. 122. -9.9 0.0240 0.83 0.20 1.69 42.0 10.0 289.9 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
18 1 4 4 13 24.7 0.117 0.581 0.005 287. 96. -5.8 0.0230 0.83 0.20 1.37 105.0 10.0 290.9 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
18 1 4 4 14 22.0 0.141 0.586 0.005 331. 127. -11.5 0.0210 0.83 0.21 1.81 222.0 10.0 292.0 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
18 1 4 4 15 56.9 0.222 0.903 0.007 467. 251. -17.4 0.0210 0.83 0.24 2.96 231.0 10.0 290.4 2.0 0
0.00 77. 1012. 7 ADJ-A1 NoSubs
18 1 4 4 16 3.4 0.234 0.356 0.007 472. 272. -336.5 0.0180 0.83 0.32 3.64 259.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 1 4 4 17 -15.4 0.187 -9.000 -9.000 -999. 195. 38.6 0.0180 0.83 0.54 3.15 275.0 10.0 288.1 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
18 1 4 4 18 -7.4 0.110 -9.000 -9.000 -999. 89. 16.3 0.0180 0.83 1.00 1.93 293.0 10.0 288.1 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
18 1 4 4 19 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0230 0.83 1.00 1.84 312.0 10.0 288.1 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
18 1 4 4 20 -8.8 0.121 -9.000 -9.000 -999. 101. 18.0 0.0180 0.83 1.00 2.10 284.0 10.0 288.1 2.0 0
0.00 93. 1014. 10 ADJ-A1 NoSubs
18 1 4 4 21 -16.0 0.164 -9.000 -9.000 -999. 159. 29.6 0.0180 0.83 1.00 2.79 283.0 10.0 287.5 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
18 1 4 4 22 -3.6 0.078 -9.000 -9.000 -999. 56. 12.1 0.0270 0.83 1.00 1.28 355.0 10.0 287.5 2.0 0
0.00 96. 1015. 7 ADJ-A1 NoSubs
18 1 4 4 23 -8.3 0.117 -9.000 -9.000 -999. 96. 17.4 0.0180 0.83 1.00 2.04 267.0 10.0 287.0 2.0 0
0.00 96. 1016. 7 ADJ-A1 NoSubs
18 1 4 4 24 -4.3 0.084 -9.000 -9.000 -999. 58. 12.3 0.0180 0.83 1.00 1.48 297.0 10.0 287.5 2.0 0
0.00 93. 1015. 10 ADJ-A1 NoSubs
18 1 5 5 1 -3.0 0.071 -9.000 -9.000 -999. 45. 10.8 0.0180 0.83 1.00 1.20 254.0 10.0 287.0 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
18 1 5 5 2 -4.4 0.085 -9.000 -9.000 -999. 59. 12.5 0.0180 0.83 1.00 1.50 298.0 10.0 287.0 2.0 11
0.30 96. 1016. 10 ADJ-A1 NoSubs
18 1 5 5 3 -4.7 0.088 -9.000 -9.000 -999. 63. 13.2 0.0230 0.83 1.00 1.50 21.0 10.0 287.0 2.0 11
0.30 96. 1016. 10 ADJ-A1 NoSubs
18 1 5 5 4 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0270 0.83 1.00 1.76 340.0 10.0 286.4 2.0 0
0.00 96. 1015. 5 ADJ-A1 NoSubs
18 1 5 5 5 -7.7 0.113 -9.000 -9.000 -999. 92. 17.1 0.0230 0.83 1.00 1.91 300.0 10.0 286.4 2.0 0

0.00 96. 1015. 10 ADJ-A1 NoSubs
18 1 5 5 6 -4.2 0.084 -9.000 -9.000 -999. 58. 12.7 0.0270 0.83 1.00 1.38 339.0 10.0 285.4 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
18 1 5 5 7 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.83 1.00 0.99 10.0 10.0 285.4 2.0 0
0.00 96. 1016. 7 ADJ-A1 NoSubs
18 1 5 5 8 -8.2 0.117 -9.000 -9.000 -999. 96. 17.6 0.0230 0.83 0.72 1.96 327.0 10.0 286.4 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
18 1 5 5 9 -1.7 0.092 -9.000 -9.000 -999. 67. 40.8 0.0180 0.83 0.38 1.55 282.0 10.0 287.5 2.0 0
0.00 93. 1017. 10 ADJ-A1 NoSubs
18 1 5 5 10 10.0 0.108 0.306 0.005 104. 86. -11.6 0.0170 0.83 0.26 1.45 182.0 10.0 288.8 2.0 0
0.00 83. 1017. 10 ADJ-A1 NoSubs
18 1 5 5 11 18.6 0.116 0.431 0.005 156. 95. -7.6 0.0280 0.83 0.22 1.35 128.0 10.0 289.2 2.0 0
0.00 83. 1018. 10 ADJ-A1 NoSubs
18 1 5 5 12 23.4 0.093 0.520 0.005 218. 68. -3.1 0.0180 0.83 0.20 1.06 289.0 10.0 289.2 2.0 0
0.00 83. 1018. 10 ADJ-A1 NoSubs
18 1 5 5 13 24.0 0.114 0.600 0.005 326. 92. -5.6 0.0230 0.83 0.20 1.33 315.0 10.0 288.8 2.0 11
0.30 92. 1017. 10 ADJ-A1 NoSubs
18 1 5 5 14 20.9 0.162 0.615 0.005 403. 156. -18.3 0.0210 0.83 0.21 2.16 220.0 10.0 288.8 2.0 11
0.30 96. 1016. 10 ADJ-A1 NoSubs
18 1 5 5 15 13.7 0.222 0.552 0.005 445. 251. -72.7 0.0210 0.83 0.24 3.23 232.0 10.0 288.1 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
18 1 5 5 16 3.4 0.181 0.351 0.005 455. 186. -158.0 0.0210 0.83 0.31 2.71 234.0 10.0 288.1 2.0 0
0.00 96. 1017. 10 ADJ-A1 NoSubs
18 1 5 5 17 -14.0 0.170 -9.000 -9.000 -999. 169. 32.1 0.0180 0.83 0.53 2.88 241.0 10.0 287.5 2.0 11
0.30 96. 1016. 10 ADJ-A1 NoSubs
18 1 5 5 18 -3.2 0.073 -9.000 -9.000 -999. 53. 11.0 0.0180 0.83 1.00 1.26 250.0 10.0 287.0 2.0 0
0.00 100. 1016. 7 ADJ-A1 NoSubs
18 1 5 5 19 -3.9 0.082 -9.000 -9.000 -999. 56. 12.5 0.0280 0.83 1.00 1.33 133.0 10.0 287.0 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
18 1 5 5 20 -2.6 0.069 -9.000 -9.000 -999. 43. 11.2 0.0270 0.83 1.00 1.06 340.0 10.0 287.0 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
18 1 5 5 21 -2.8 0.070 -9.000 -9.000 -999. 44. 11.0 0.0230 0.83 1.00 1.13 21.0 10.0 287.0 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
18 1 5 5 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 287.0 2.0 0
0.00 96. 1017. 10 ADJ-SFC NoSubs
18 1 5 5 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 286.4 2.0 11
0.30 100. 1017. 10 ADJ-SFC NoSubs
18 1 5 5 24 -6.3 0.101 -9.000 -9.000 -999. 78. 15.0 0.0200 0.83 1.00 1.76 62.0 10.0 286.4 2.0 0
0.00 100. 1016. 10 ADJ-SFC NoSubs
18 1 6 6 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 286.4 2.0 11
0.30 100. 1016. 10 ADJ-SFC NoSubs
18 1 6 6 2 -12.7 0.148 -9.000 -9.000 -999. 136. 24.0 0.0280 0.83 1.00 2.36 133.0 10.0 286.4 2.0 11
0.30 100. 1016. 10 ADJ-SFC NoSubs
18 1 6 6 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 285.9 2.0 11
0.30 999. 1017. 10 ADJ-SFC NoSubs
18 1 6 6 4 -6.1 0.099 -9.000 -9.000 -999. 74. 14.4 0.0170 0.83 1.00 1.76 183.0 10.0 285.4 2.0 11
0.50 999. 1016. 10 ADJ-SFC NoSubs
18 1 6 6 5 -6.1 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.76 242.0 10.0 285.9 2.0 11
0.50 999. 1016. 10 ADJ-SFC NoSubs
18 1 6 6 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 285.9 2.0 11
0.30 999. 1016. 10 ADJ-SFC NoSubs
18 1 6 6 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 285.9 2.0 0
0.00 999. 1017. 10 ADJ-SFC NoSubs
18 1 6 6 8 -11.6 0.139 -9.000 -9.000 -999. 125. 21.4 0.0200 0.83 0.72 2.36 82.0 10.0 285.9 2.0 0

0.00 999. 1017. 10 ADJ-SFC NoSubs
18 1 6 6 9 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.38 0.00 0.0 10.0 285.4 2.0 0
0.00 999. 1017. 10 ADJ-SFC NoSubs
18 1 6 6 10 9.3 0.169 0.324 0.008 131. 166. -46.6 0.0230 0.83 0.26 2.36 108.0 10.0 286.4 2.0 0
0.00 999. 1017. 10 ADJ-SFC NoSubs
18 1 6 6 11 17.8 0.142 0.499 0.010 253. 128. -14.6 0.0280 0.83 0.22 1.76 145.0 10.0 286.4 2.0 0
0.00 999. 1017. 10 ADJ-SFC NoSubs
18 1 6 6 12 22.8 -9.000 -9.000 -9.000 341. -999. -99999.0 0.0228 0.83 0.20 0.00 0.0 10.0 287.0 2.0 0
0.00 999. 1017. 10 ADJ-SFC NoSubs
18 1 6 6 13 108.4 0.194 1.163 0.011 526. 206. -6.1 0.0200 0.83 0.20 2.36 61.0 10.0 288.1 2.0 0
0.00 89. 1016. 3 ADJ-SFC NoSubs
18 1 6 6 14 93.2 -9.000 -9.000 -9.000 562. -999. -99999.0 0.0228 0.83 0.21 0.00 0.0 10.0 288.1 2.0 0
0.00 77. 1016. 5 ADJ-SFC NoSubs
18 1 6 6 15 68.4 0.183 1.035 0.009 587. 188. -8.1 0.0170 0.83 0.24 2.36 182.0 10.0 288.1 2.0 0
0.00 80. 1015. 3 ADJ-SFC NoSubs
18 1 6 6 16 22.1 0.169 0.714 0.009 596. 167. -19.8 0.0170 0.83 0.31 2.36 182.0 10.0 288.1 2.0 0
0.00 83. 1015. 0 ADJ-SFC NoSubs
18 1 6 6 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.53 0.00 0.0 10.0 285.9 2.0 0
0.00 89. 1016. 0 ADJ-SFC NoSubs
18 1 6 6 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 284.9 2.0 0
0.00 92. 1016. 0 ADJ-SFC NoSubs
18 1 6 6 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 284.2 2.0 0
0.00 92. 1016. 0 ADJ-SFC NoSubs
18 1 6 6 20 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 321.0 10.0 283.1 2.0 0
0.00 96. 1016. 0 ADJ-SFC NoSubs
18 1 6 6 21 -11.5 0.139 -9.000 -9.000 -999. 124. 21.2 0.0230 0.83 1.00 2.30 320.0 10.0 282.5 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
18 1 6 6 22 -10.0 0.129 -9.000 -9.000 -999. 111. 19.4 0.0230 0.83 1.00 2.15 312.0 10.0 282.0 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 6 6 23 -13.6 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.83 1.00 2.49 310.0 10.0 282.0 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 6 6 24 -8.8 0.121 -9.000 -9.000 -999. 101. 18.2 0.0230 0.83 1.00 2.03 324.0 10.0 281.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 1 7 7 1 -7.5 0.110 -9.000 -9.000 -999. 88. 16.1 0.0180 0.83 1.00 1.93 294.0 10.0 282.0 2.0 0
0.00 92. 1015. 7 ADJ-A1 NoSubs
18 1 7 7 2 -6.6 0.103 -9.000 -9.000 -999. 80. 15.0 0.0180 0.83 1.00 1.82 277.0 10.0 281.4 2.0 0
0.00 96. 1015. 7 ADJ-A1 NoSubs
18 1 7 7 3 -3.7 0.077 -9.000 -9.000 -999. 52. 11.4 0.0180 0.83 1.00 1.35 284.0 10.0 282.0 2.0 0
0.00 95. 1016. 7 ADJ-A1 NoSubs
18 1 7 7 4 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.60 12.0 10.0 280.9 2.0 0
0.00 95. 1015. 3 ADJ-A1 NoSubs
18 1 7 7 5 -5.6 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.83 1.00 1.62 320.0 10.0 281.4 2.0 0
0.00 96. 1014. 7 ADJ-A1 NoSubs
18 1 7 7 6 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 4.0 10.0 281.4 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 1 7 7 7 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 24.0 10.0 280.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 1 7 7 8 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0230 0.83 0.72 1.42 8.0 10.0 280.4 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 1 7 7 9 1.5 0.141 0.104 0.007 28. 127. -172.5 0.0240 0.83 0.38 2.06 36.0 10.0 284.2 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
18 1 7 7 10 47.1 0.155 0.577 0.006 147. 146. -7.1 0.0230 0.83 0.26 1.86 20.0 10.0 287.5 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
18 1 7 7 11 81.7 0.169 0.881 0.006 303. 166. -5.3 0.0240 0.83 0.22 1.94 51.0 10.0 289.2 2.0 0

0.00 71. 1014. 0 ADJ-A1 NoSubs
18 1 7 7 12 101.2 0.197 1.092 0.007 465. 210. -6.8 0.0200 0.83 0.20 2.42 88.0 10.0 289.9 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 1 7 7 13 105.1 0.162 1.255 0.010 679. 157. -3.6 0.0230 0.83 0.20 1.79 104.0 10.0 290.9 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 1 7 7 14 92.5 0.216 1.244 0.009 752. 241. -9.9 0.0210 0.83 0.21 2.73 216.0 10.0 290.4 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
18 1 7 7 15 64.2 0.272 1.119 0.009 789. 341. -28.3 0.0180 0.83 0.23 3.86 240.0 10.0 289.2 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
18 1 7 7 16 23.1 0.190 0.798 0.009 796. 202. -27.0 0.0210 0.83 0.31 2.62 233.0 10.0 288.8 2.0 0
0.00 55. 1012. 0 ADJ-A1 NoSubs
18 1 7 7 17 -2.4 0.072 -9.000 -9.000 -999. 58. 13.8 0.0170 0.83 0.52 1.28 183.0 10.0 287.0 2.0 0
0.00 77. 1012. 7 ADJ-A1 NoSubs
18 1 7 7 18 -6.9 0.108 -9.000 -9.000 -999. 85. 16.6 0.0310 0.83 1.00 1.74 162.0 10.0 285.4 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
18 1 7 7 19 -3.3 0.073 -9.000 -9.000 -999. 48. 10.9 0.0170 0.83 1.00 1.28 199.0 10.0 284.9 2.0 0
0.00 92. 1012. 3 ADJ-A1 NoSubs
18 1 7 7 20 -2.0 0.064 -9.000 -9.000 -999. 39. 11.4 0.0270 0.83 1.00 0.89 348.0 10.0 284.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 1 7 7 21 -2.4 0.067 -9.000 -9.000 -999. 41. 11.2 0.0270 0.83 1.00 0.99 330.0 10.0 284.9 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 1 7 7 22 -3.2 0.073 -9.000 -9.000 -999. 48. 11.3 0.0230 0.83 1.00 1.21 326.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 1 7 7 23 -5.8 0.098 -9.000 -9.000 -999. 74. 14.6 0.0230 0.83 1.00 1.67 322.0 10.0 284.9 2.0 0
0.00 82. 1010. 5 ADJ-A1 NoSubs
18 1 7 7 24 -3.7 0.078 -9.000 -9.000 -999. 53. 11.5 0.0180 0.83 1.00 1.37 278.0 10.0 284.2 2.0 0
0.00 86. 1010. 7 ADJ-A1 NoSubs
18 1 8 8 1 -5.2 0.092 -9.000 -9.000 -999. 67. 13.7 0.0230 0.83 1.00 1.57 326.0 10.0 284.9 2.0 0
0.00 82. 1009. 10 ADJ-A1 NoSubs
18 1 8 8 2 -3.2 0.073 -9.000 -9.000 -999. 47. 10.9 0.0180 0.83 1.00 1.25 285.0 10.0 284.2 2.0 11
0.50 92. 1009. 10 ADJ-A1 NoSubs
18 1 8 8 3 -5.6 0.096 -9.000 -9.000 -999. 71. 13.9 0.0180 0.83 1.00 1.69 295.0 10.0 283.8 2.0 11
0.30 96. 1008. 10 ADJ-A1 NoSubs
18 1 8 8 4 -1.6 0.058 -9.000 -9.000 -999. 34. 11.5 0.0180 0.83 1.00 0.77 293.0 10.0 284.2 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 1 8 8 5 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0230 0.83 1.00 1.77 301.0 10.0 284.9 2.0 11
0.30 92. 1007. 10 ADJ-A1 NoSubs
18 1 8 8 6 -5.8 0.098 -9.000 -9.000 -999. 74. 14.6 0.0230 0.83 1.00 1.67 313.0 10.0 284.9 2.0 11
1.50 96. 1007. 10 ADJ-A1 NoSubs
18 1 8 8 7 -8.8 0.122 -9.000 -9.000 -999. 102. 18.4 0.0230 0.83 1.00 2.04 10.0 10.0 284.2 2.0 11
3.80 999. 1006. 10 ADJ-A1 NoSubs
18 1 8 8 8 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0270 0.83 0.72 1.42 344.0 10.0 284.9 2.0 11
3.60 999. 1006. 10 ADJ-A1 NoSubs
18 1 8 8 9 -2.3 0.095 -9.000 -9.000 -999. 70. 33.1 0.0230 0.83 0.37 1.54 13.0 10.0 285.4 2.0 11
3.00 999. 1006. 10 ADJ-A1 NoSubs
18 1 8 8 10 9.1 0.101 0.282 0.011 87. 77. -10.1 0.0230 0.83 0.26 1.26 18.0 10.0 285.4 2.0 11
1.00 999. 1005. 10 ADJ-A1 NoSubs
18 1 8 8 11 17.9 0.095 0.400 0.010 128. 71. -4.4 0.0180 0.83 0.22 1.14 275.0 10.0 285.9 2.0 11
3.00 999. 1005. 10 ADJ-A1 NoSubs
18 1 8 8 12 22.9 0.118 0.487 0.010 180. 97. -6.4 0.0230 0.83 0.20 1.40 306.0 10.0 286.4 2.0 11
3.30 999. 1004. 10 ADJ-A1 NoSubs
18 1 8 8 13 23.9 0.112 0.567 0.010 272. 90. -5.3 0.0270 0.83 0.20 1.26 356.0 10.0 287.0 2.0 11
3.30 999. 1003. 10 ADJ-A1 NoSubs
18 1 8 8 14 21.0 0.126 0.580 0.011 332. 107. -8.5 0.0280 0.83 0.21 1.48 134.0 10.0 287.5 2.0 11

2.50 999. 1002. 10 ADJ-A1 NoSubs
18 1 8 8 15 14.1 0.134 0.525 0.011 367. 118. -15.4 0.0230 0.83 0.23 1.74 29.0 10.0 287.5 2.0 11
1.00 999. 1001. 10 ADJ-A1 NoSubs
18 1 8 8 16 3.8 0.107 0.343 0.012 376. 85. -28.9 0.0270 0.83 0.31 1.42 351.0 10.0 287.5 2.0 11
1.50 999. 1001. 10 ADJ-A1 NoSubs
18 1 8 8 17 -4.2 0.089 -9.000 -9.000 -999. 64. 15.1 0.0270 0.83 0.52 1.47 349.0 10.0 287.5 2.0 11
1.30 999. 1000. 10 ADJ-A1 NoSubs
18 1 8 8 18 -2.4 0.067 -9.000 -9.000 -999. 41. 10.9 0.0230 0.83 1.00 1.04 15.0 10.0 287.5 2.0 11
1.50 999. 999. 10 ADJ-A1 NoSubs
18 1 8 8 19 -5.9 0.100 -9.000 -9.000 -999. 76. 15.1 0.0270 0.83 1.00 1.65 346.0 10.0 287.5 2.0 11
0.80 999. 998. 10 ADJ-A1 NoSubs
18 1 8 8 20 -1.9 0.062 -9.000 -9.000 -999. 37. 10.8 0.0200 0.83 1.00 0.91 64.0 10.0 287.5 2.0 11
0.50 999. 998. 10 ADJ-A1 NoSubs
18 1 8 8 21 -2.5 0.067 -9.000 -9.000 -999. 42. 10.8 0.0210 0.83 1.00 1.08 223.0 10.0 287.5 2.0 11
2.50 999. 997. 10 ADJ-A1 NoSubs
18 1 8 8 22 -7.2 0.110 -9.000 -9.000 -999. 88. 16.6 0.0230 0.83 1.00 1.86 314.0 10.0 287.5 2.0 11
1.30 999. 997. 10 ADJ-A1 NoSubs
18 1 8 8 23 -9.2 0.126 -9.000 -9.000 -999. 107. 19.1 0.0230 0.83 1.00 2.10 302.0 10.0 287.5 2.0 11
4.60 999. 996. 10 ADJ-A1 NoSubs
18 1 8 8 24 -8.2 0.119 -9.000 -9.000 -999. 98. 18.2 0.0270 0.83 1.00 1.94 334.0 10.0 287.5 2.0 11
6.60 999. 996. 10 ADJ-A1 NoSubs
18 1 9 9 1 -7.9 0.117 -9.000 -9.000 -999. 96. 17.9 0.0270 0.83 1.00 1.91 352.0 10.0 287.5 2.0 11
2.80 999. 995. 10 ADJ-A1 NoSubs
18 1 9 9 2 -5.5 0.096 -9.000 -9.000 -999. 72. 14.4 0.0230 0.83 1.00 1.64 3.0 10.0 287.5 2.0 11
4.60 999. 995. 10 ADJ-A1 NoSubs
18 1 9 9 3 -10.6 0.136 -9.000 -9.000 -999. 120. 21.1 0.0270 0.83 1.00 2.20 348.0 10.0 287.5 2.0 11
0.80 999. 994. 10 ADJ-A1 NoSubs
18 1 9 9 4 -11.4 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.83 1.00 2.33 8.0 10.0 287.5 2.0 11
0.80 999. 994. 7 ADJ-A1 NoSubs
18 1 9 9 5 -12.4 0.147 -9.000 -9.000 -999. 135. 23.7 0.0230 0.83 1.00 2.42 22.0 10.0 288.1 2.0 0
0.00 999. 994. 7 ADJ-A1 NoSubs
18 1 9 9 6 -17.9 0.185 -9.000 -9.000 -999. 191. 37.7 0.0230 0.83 1.00 3.01 101.0 10.0 287.5 2.0 0
0.00 999. 994. 10 ADJ-A1 NoSubs
18 1 9 9 7 -3.1 0.073 -9.000 -9.000 -999. 57. 11.0 0.0180 0.83 1.00 1.26 274.0 10.0 287.0 2.0 11
0.80 999. 995. 10 ADJ-A1 NoSubs
18 1 9 9 8 -14.5 0.158 -9.000 -9.000 -999. 150. 27.3 0.0180 0.83 0.72 2.69 253.0 10.0 287.0 2.0 0
0.00 100. 996. 10 ADJ-A1 NoSubs
18 1 9 9 9 -5.0 0.245 -9.000 -9.000 -999. 292. 261.0 0.0180 0.83 0.37 3.97 247.0 10.0 286.4 2.0 0
0.00 100. 997. 10 ADJ-A1 NoSubs
18 1 9 9 10 9.7 0.240 0.298 0.005 96. 283. -127.4 0.0180 0.83 0.26 3.66 258.0 10.0 287.0 2.0 11
0.80 100. 999. 10 ADJ-A1 NoSubs
18 1 9 9 11 18.3 0.293 0.438 0.005 164. 380. -122.4 0.0210 0.83 0.22 4.34 220.0 10.0 287.0 2.0 11
0.50 999. 1000. 10 ADJ-A1 NoSubs
18 1 9 9 12 23.0 0.290 0.522 0.005 221. 376. -95.0 0.0170 0.83 0.20 4.42 205.0 10.0 286.4 2.0 11
0.30 999. 1000. 10 ADJ-A1 NoSubs
18 1 9 9 13 23.9 0.334 0.564 0.005 267. 463. -138.5 0.0170 0.83 0.20 5.14 188.0 10.0 286.4 2.0 0
0.00 999. 1000. 10 ADJ-A1 NoSubs
18 1 9 9 14 20.9 0.346 0.575 0.005 325. 489. -177.5 0.0310 0.83 0.21 4.85 166.0 10.0 286.4 2.0 0
0.00 999. 1000. 10 ADJ-A1 NoSubs
18 1 9 9 15 13.9 0.247 0.521 0.005 361. 300. -96.9 0.0280 0.83 0.23 3.46 146.0 10.0 286.4 2.0 0
0.00 999. 1001. 10 ADJ-A1 NoSubs
18 1 9 9 16 3.7 0.126 0.338 0.005 370. 117. -48.6 0.0240 0.83 0.30 1.76 40.0 10.0 286.4 2.0 11
0.50 100. 1002. 10 ADJ-A1 NoSubs
18 1 9 9 17 -8.4 0.125 -9.000 -9.000 -999. 107. 21.0 0.0180 0.83 0.51 2.16 260.0 10.0 285.4 2.0 11

0.80 999. 1003. 10 ADJ-A1 NoSubs
18 1 9 9 18 -24.2 0.246 -9.000 -9.000 -999. 292. 66.4 0.0180 0.83 1.00 4.10 270.0 10.0 284.9 2.0 0
0.00 999. 1004. 10 ADJ-A1 NoSubs
18 1 9 9 19 -21.7 0.219 -9.000 -9.000 -999. 247. 53.0 0.0180 0.83 1.00 3.68 269.0 10.0 284.9 2.0 0
0.00 999. 1005. 10 ADJ-A1 NoSubs
18 1 9 9 20 -25.7 0.259 -9.000 -9.000 -999. 317. 74.0 0.0180 0.83 1.00 4.32 261.0 10.0 284.2 2.0 0
0.00 999. 1006. 5 ADJ-A1 NoSubs
18 1 9 9 21 -23.9 0.241 -9.000 -9.000 -999. 283. 63.7 0.0180 0.83 1.00 4.02 273.0 10.0 284.2 2.0 0
0.00 999. 1007. 7 ADJ-A1 NoSubs
18 1 9 9 22 -11.4 0.137 -9.000 -9.000 -999. 127. 20.8 0.0180 0.83 1.00 2.37 286.0 10.0 283.1 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
18 1 9 9 23 -7.6 0.112 -9.000 -9.000 -999. 90. 16.5 0.0180 0.83 1.00 1.96 283.0 10.0 283.8 2.0 0
0.00 85. 1009. 7 ADJ-A1 NoSubs
18 1 9 9 24 -13.8 0.153 -9.000 -9.000 -999. 144. 25.8 0.0230 0.83 1.00 2.52 302.0 10.0 283.8 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
18 1 10 10 1 -8.9 0.121 -9.000 -9.000 -999. 101. 17.9 0.0180 0.83 1.00 2.11 283.0 10.0 283.1 2.0 0
0.00 82. 1010. 5 ADJ-A1 NoSubs
18 1 10 10 2 -5.3 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.83 1.00 1.59 309.0 10.0 281.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 1 10 10 3 -5.9 0.099 -9.000 -9.000 -999. 74. 14.7 0.0270 0.83 1.00 1.63 346.0 10.0 280.4 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 1 10 10 4 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 25.0 10.0 279.9 2.0 0
0.00 100. 1012. 0 ADJ-SFC NoSubs
18 1 10 10 5 -11.4 0.137 -9.000 -9.000 -999. 121. 20.6 0.0180 0.83 1.00 2.36 298.0 10.0 280.4 2.0 0
0.00 96. 1013. 0 ADJ-SFC NoSubs
18 1 10 10 6 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 315.0 10.0 279.9 2.0 0
0.00 95. 1013. 0 ADJ-SFC NoSubs
18 1 10 10 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 96. 1014. 0 ADJ-SFC NoSubs
18 1 10 10 8 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 0.72 1.76 324.0 10.0 280.4 2.0 0
0.00 96. 1016. 10 ADJ-SFC NoSubs
18 1 10 10 9 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.37 0.00 0.0 10.0 282.0 2.0 0
0.00 92. 1016. 10 ADJ-SFC NoSubs
18 1 10 10 10 8.9 -9.000 -9.000 -9.000 59. -999. -99999.0 0.0228 0.83 0.26 0.00 0.0 10.0 283.8 2.0 0
0.00 85. 1017. 10 ADJ-SFC NoSubs
18 1 10 10 11 17.8 -9.000 -9.000 -9.000 102. -999. -99999.0 0.0228 0.83 0.21 0.00 0.0 10.0 284.9 2.0 0
0.00 79. 1017. 10 ADJ-SFC NoSubs
18 1 10 10 12 23.0 -9.000 -9.000 -9.000 279. -999. -99999.0 0.0228 0.83 0.20 0.00 0.0 10.0 285.9 2.0 0
0.00 73. 1017. 10 ADJ-SFC NoSubs
18 1 10 10 13 24.0 0.106 0.631 0.005 380. 82. -4.5 0.0170 0.83 0.20 1.28 208.0 10.0 285.9 2.0 0
0.00 73. 1016. 10 ADJ-A1 NoSubs
18 1 10 10 14 20.9 0.140 0.638 0.011 450. 126. -11.9 0.0310 0.83 0.21 1.67 174.0 10.0 285.9 2.0 0
0.00 82. 1016. 10 ADJ-A1 NoSubs
18 1 10 10 15 14.0 0.110 0.575 0.013 491. 88. -8.7 0.0280 0.83 0.23 1.30 139.0 10.0 285.9 2.0 0
0.00 82. 1016. 10 ADJ-A1 NoSubs
18 1 10 10 16 3.9 0.082 0.379 0.013 502. 56. -12.6 0.0230 0.83 0.30 1.04 109.0 10.0 286.4 2.0 0
0.00 80. 1016. 10 ADJ-A1 NoSubs
18 1 10 10 17 -1.7 0.061 -9.000 -9.000 -999. 36. 12.2 0.0180 0.83 0.51 1.08 298.0 10.0 285.9 2.0 0
0.00 79. 1016. 5 ADJ-A1 NoSubs
18 1 10 10 18 -3.8 0.078 -9.000 -9.000 -999. 52. 11.5 0.0180 0.83 1.00 1.37 276.0 10.0 284.2 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
18 1 10 10 19 -5.0 0.090 -9.000 -9.000 -999. 65. 13.1 0.0180 0.83 1.00 1.59 291.0 10.0 284.9 2.0 0
0.00 89. 1017. 10 ADJ-A1 NoSubs
18 1 10 10 20 -3.7 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.83 1.00 1.31 317.0 10.0 284.9 2.0 0

0.00 92. 1017. 10 ADJ-A1 NoSubs
18 1 10 10 21 -4.7 0.088 -9.000 -9.000 -999. 63. 13.1 0.0230 0.83 1.00 1.50 313.0 10.0 284.2 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
18 1 10 10 22 -6.6 0.103 -9.000 -9.000 -999. 80. 15.1 0.0180 0.83 1.00 1.82 299.0 10.0 284.2 2.0 0
0.00 92. 1018. 10 ADJ-A1 NoSubs
18 1 10 10 23 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.83 1.00 1.62 308.0 10.0 284.2 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
18 1 10 10 24 -3.1 0.072 -9.000 -9.000 -999. 47. 11.2 0.0230 0.83 1.00 1.18 310.0 10.0 284.2 2.0 0
0.00 92. 1018. 10 ADJ-A1 NoSubs
18 1 11 11 1 -2.3 0.065 -9.000 -9.000 -999. 39. 10.5 0.0180 0.83 1.00 1.03 272.0 10.0 283.8 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
18 1 11 11 2 -4.5 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 323.0 10.0 282.5 2.0 0
0.00 96. 1018. 0 ADJ-A1 NoSubs
18 1 11 11 3 -4.2 0.082 -9.000 -9.000 -999. 57. 12.0 0.0180 0.83 1.00 1.45 297.0 10.0 282.0 2.0 0
0.00 95. 1019. 0 ADJ-A1 NoSubs
18 1 11 11 4 -10.8 0.134 -9.000 -9.000 -999. 118. 20.3 0.0230 0.83 1.00 2.23 312.0 10.0 282.0 2.0 0
0.00 95. 1019. 0 ADJ-A1 NoSubs
18 1 11 11 5 -11.5 0.139 -9.000 -9.000 -999. 124. 21.2 0.0230 0.83 1.00 2.30 308.0 10.0 281.4 2.0 0
0.00 96. 1019. 0 ADJ-A1 NoSubs
18 1 11 11 6 -12.1 0.142 -9.000 -9.000 -999. 128. 22.2 0.0230 0.83 1.00 2.35 311.0 10.0 281.4 2.0 0
0.00 96. 1020. 0 ADJ-A1 NoSubs
18 1 11 11 7 -12.3 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.83 1.00 2.37 307.0 10.0 282.0 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
18 1 11 11 8 -17.3 0.172 -9.000 -9.000 -999. 171. 32.6 0.0230 0.83 0.72 2.81 303.0 10.0 282.5 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
18 1 11 11 9 2.0 0.142 0.133 0.005 44. 129. -133.4 0.0230 0.83 0.37 2.08 311.0 10.0 283.1 2.0 0
0.00 92. 1022. 0 ADJ-A1 NoSubs
18 1 11 11 10 47.7 0.109 0.817 0.008 416. 86. -2.4 0.0210 0.83 0.26 1.16 218.0 10.0 285.4 2.0 0
0.00 92. 1022. 0 ADJ-A1 NoSubs
18 1 11 11 11 83.0 0.143 1.146 0.013 662. 130. -3.2 0.0230 0.83 0.21 1.55 112.0 10.0 287.5 2.0 0
0.00 74. 1022. 0 ADJ-A1 NoSubs
18 1 11 11 12 103.1 0.152 1.254 0.012 696. 142. -3.1 0.0230 0.83 0.20 1.64 105.0 10.0 288.8 2.0 0
0.00 68. 1021. 0 ADJ-A1 NoSubs
18 1 11 11 13 107.4 0.151 1.297 0.012 739. 141. -2.9 0.0230 0.83 0.20 1.62 110.0 10.0 289.9 2.0 0
0.00 66. 1020. 0 ADJ-A1 NoSubs
18 1 11 11 14 95.8 0.136 1.278 0.013 792. 121. -2.4 0.0230 0.83 0.21 1.42 100.0 10.0 290.9 2.0 0
0.00 64. 1019. 0 ADJ-A1 NoSubs
18 1 11 11 15 68.7 0.170 1.160 0.013 826. 168. -6.5 0.0280 0.83 0.23 1.94 147.0 10.0 292.0 2.0 0
0.00 60. 1019. 0 ADJ-A1 NoSubs
18 1 11 11 16 26.9 0.153 0.851 0.013 833. 143. -12.0 0.0170 0.83 0.30 2.05 205.0 10.0 289.9 2.0 0
0.00 72. 1018. 0 ADJ-A1 NoSubs
18 1 11 11 17 -11.4 0.171 -9.000 -9.000 -999. 170. 40.2 0.0180 0.83 0.50 2.88 255.0 10.0 288.1 2.0 0
0.00 77. 1019. 0 ADJ-A1 NoSubs
18 1 11 11 18 -7.0 0.106 -9.000 -9.000 -999. 84. 15.7 0.0180 0.83 1.00 1.87 262.0 10.0 286.4 2.0 0
0.00 86. 1020. 0 ADJ-A1 NoSubs
18 1 11 11 19 -2.0 0.061 -9.000 -9.000 -999. 37. 10.7 0.0180 0.83 1.00 0.91 284.0 10.0 285.9 2.0 0
0.00 89. 1020. 0 ADJ-A1 NoSubs
18 1 11 11 20 -2.7 0.070 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 1.00 1.08 339.0 10.0 284.9 2.0 0
0.00 96. 1020. 0 ADJ-A1 NoSubs
18 1 11 11 21 -3.4 0.075 -9.000 -9.000 -999. 49. 11.2 0.0180 0.83 1.00 1.30 289.0 10.0 284.2 2.0 0
0.00 96. 1020. 0 ADJ-A1 NoSubs
18 1 11 11 22 -8.1 0.115 -9.000 -9.000 -999. 94. 17.0 0.0180 0.83 1.00 2.01 297.0 10.0 284.2 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
18 1 11 11 23 -5.8 0.096 -9.000 -9.000 -999. 72. 14.0 0.0180 0.83 1.00 1.70 298.0 10.0 283.1 2.0 0

0.00 96. 1021. 0 ADJ-A1 NoSubs
18 1 11 11 24 -9.0 0.122 -9.000 -9.000 -999. 102. 18.3 0.0230 0.83 1.00 2.04 316.0 10.0 282.5 2.0 0
0.00 96. 1021. 0 ADJ-A1 NoSubs
18 1 12 12 1 -5.4 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.83 1.00 1.59 312.0 10.0 282.0 2.0 0
0.00 95. 1020. 0 ADJ-A1 NoSubs
18 1 12 12 2 -8.5 0.119 -9.000 -9.000 -999. 98. 17.8 0.0230 0.83 1.00 1.99 310.0 10.0 282.0 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
18 1 12 12 3 -6.8 0.104 -9.000 -9.000 -999. 81. 15.2 0.0180 0.83 1.00 1.84 290.0 10.0 281.4 2.0 0
0.00 96. 1021. 0 ADJ-A1 NoSubs
18 1 12 12 4 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 316.0 10.0 281.4 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
18 1 12 12 5 -9.8 0.128 -9.000 -9.000 -999. 109. 19.2 0.0230 0.83 1.00 2.13 309.0 10.0 281.4 2.0 0
0.00 96. 1020. 0 ADJ-A1 NoSubs
18 1 12 12 6 -10.0 0.129 -9.000 -9.000 -999. 111. 19.4 0.0230 0.83 1.00 2.15 301.0 10.0 280.9 2.0 0
0.00 95. 1021. 0 ADJ-A1 NoSubs
18 1 12 12 7 -8.5 0.118 -9.000 -9.000 -999. 97. 17.6 0.0230 0.83 1.00 1.98 300.0 10.0 280.4 2.0 0
0.00 96. 1022. 0 ADJ-A1 NoSubs
18 1 12 12 8 -10.6 0.133 -9.000 -9.000 -999. 116. 20.1 0.0230 0.83 0.72 2.21 327.0 10.0 281.4 2.0 0
0.00 92. 1022. 0 ADJ-A1 NoSubs
18 1 12 12 9 2.5 0.098 0.177 0.014 80. 74. -34.3 0.0270 0.83 0.37 1.31 341.0 10.0 284.2 2.0 0
0.00 89. 1022. 0 ADJ-A1 NoSubs
18 1 12 12 10 48.8 0.118 0.711 0.016 268. 98. -3.1 0.0230 0.83 0.26 1.28 109.0 10.0 287.5 2.0 0
0.00 77. 1022. 0 ADJ-A1 NoSubs
18 1 12 12 11 84.3 0.174 0.939 0.015 358. 175. -5.7 0.0200 0.83 0.21 2.10 84.0 10.0 289.9 2.0 0
0.00 66. 1022. 0 ADJ-A1 NoSubs
18 1 12 12 12 104.3 0.155 1.074 0.013 433. 147. -3.3 0.0200 0.83 0.20 1.74 89.0 10.0 290.4 2.0 0
0.00 67. 1021. 0 ADJ-A1 NoSubs
18 1 12 12 13 108.6 0.186 1.136 0.011 490. 193. -5.4 0.0310 0.83 0.20 2.03 175.0 10.0 290.9 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
18 1 12 12 14 96.6 0.201 1.111 0.010 515. 216. -7.6 0.0170 0.83 0.20 2.57 203.0 10.0 290.9 2.0 0
0.00 64. 1019. 0 ADJ-A1 NoSubs
18 1 12 12 15 69.2 0.210 1.005 0.009 533. 231. -12.2 0.0210 0.83 0.23 2.71 214.0 10.0 290.9 2.0 0
0.00 64. 1018. 0 ADJ-A1 NoSubs
18 1 12 12 16 28.5 0.171 0.751 0.008 540. 170. -15.9 0.0230 0.83 0.30 2.22 1.0 10.0 291.4 2.0 0
0.00 55. 1018. 0 ADJ-A1 NoSubs
18 1 12 12 17 -13.7 0.217 -9.000 -9.000 -999. 243. 67.8 0.0230 0.83 0.50 3.47 27.0 10.0 289.9 2.0 0
0.00 61. 1019. 0 ADJ-A1 NoSubs
18 1 12 12 18 -15.7 0.164 -9.000 -9.000 -999. 160. 29.7 0.0240 0.83 1.00 2.67 34.0 10.0 287.5 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
18 1 12 12 19 -13.7 0.153 -9.000 -9.000 -999. 144. 25.8 0.0240 0.83 1.00 2.50 39.0 10.0 287.0 2.0 0
0.00 74. 1019. 0 ADJ-A1 NoSubs
18 1 12 12 20 -21.6 0.216 -9.000 -9.000 -999. 241. 51.5 0.0230 0.83 1.00 3.49 109.0 10.0 284.9 2.0 0
0.00 82. 1019. 0 ADJ-A1 NoSubs
18 1 12 12 21 -6.7 0.106 -9.000 -9.000 -999. 89. 15.9 0.0270 0.83 1.00 1.74 353.0 10.0 283.1 2.0 0
0.00 89. 1019. 0 ADJ-A1 NoSubs
18 1 12 12 22 -4.1 0.082 -9.000 -9.000 -999. 57. 12.4 0.0270 0.83 1.00 1.35 349.0 10.0 282.5 2.0 0
0.00 89. 1019. 0 ADJ-A1 NoSubs
18 1 12 12 23 -20.0 0.199 -9.000 -9.000 -999. 212. 43.4 0.0200 0.83 1.00 3.29 67.0 10.0 283.1 2.0 0
0.00 86. 1019. 0 ADJ-A1 NoSubs
18 1 12 12 24 -20.3 0.200 -9.000 -9.000 -999. 215. 44.1 0.0240 0.83 1.00 3.22 44.0 10.0 280.9 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
18 1 13 13 1 -4.6 0.086 -9.000 -9.000 -999. 69. 12.5 0.0180 0.83 1.00 1.52 264.0 10.0 282.0 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
18 1 13 13 2 -6.3 0.102 -9.000 -9.000 -999. 78. 15.2 0.0240 0.83 1.00 1.72 46.0 10.0 283.1 2.0 0

0.00 82. 1018. 0 ADJ-A1 NoSubs
18 1 13 13 3 -9.9 0.129 -9.000 -9.000 -999. 112. 19.7 0.0270 0.83 1.00 2.10 330.0 10.0 281.4 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
18 1 13 13 4 -7.2 0.109 -9.000 -9.000 -999. 86. 16.1 0.0230 0.83 1.00 1.84 309.0 10.0 279.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
18 1 13 13 5 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.83 1.00 1.47 330.0 10.0 279.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 13 13 6 -8.0 0.115 -9.000 -9.000 -999. 94. 17.4 0.0270 0.83 1.00 1.89 331.0 10.0 279.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 13 13 7 -6.1 0.099 -9.000 -9.000 -999. 75. 14.7 0.0230 0.83 1.00 1.69 300.0 10.0 279.2 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 13 13 8 -6.4 0.103 -9.000 -9.000 -999. 79. 15.2 0.0230 0.83 0.71 1.74 320.0 10.0 280.9 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
18 1 13 13 9 2.8 0.109 0.107 0.012 16. 87. -42.1 0.0230 0.83 0.37 1.52 324.0 10.0 284.2 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 1 13 13 10 48.9 0.229 0.515 0.014 101. 262. -22.2 0.0200 0.83 0.25 3.13 87.0 10.0 286.4 2.0 0
0.00 74. 1017. 0 ADJ-A1 NoSubs
18 1 13 13 11 84.6 0.290 0.799 0.015 219. 375. -26.2 0.0230 0.83 0.21 3.92 93.0 10.0 289.2 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
18 1 13 13 12 105.0 0.366 1.144 0.019 517. 531. -42.3 0.0230 0.83 0.20 5.09 102.0 10.0 290.4 2.0 0
0.00 62. 1016. 0 ADJ-A1 NoSubs
18 1 13 13 13 110.0 0.315 1.185 0.019 548. 425. -25.6 0.0230 0.83 0.20 4.24 98.0 10.0 292.5 2.0 0
0.00 54. 1015. 0 ADJ-A1 NoSubs
18 1 13 13 14 98.9 0.265 1.163 0.019 575. 328. -17.0 0.0230 0.83 0.20 3.46 91.0 10.0 294.2 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
18 1 13 13 15 71.5 0.270 1.055 0.019 594. 336. -24.8 0.0230 0.83 0.23 3.63 102.0 10.0 294.2 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
18 1 13 13 16 29.7 0.271 0.790 0.018 600. 339. -60.9 0.0230 0.83 0.30 3.85 94.0 10.0 292.0 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
18 1 13 13 17 -6.9 0.123 -9.000 -9.000 -999. 121. 24.0 0.0200 0.83 0.49 2.06 79.0 10.0 290.4 2.0 0
0.00 62. 1014. 0 ADJ-A1 NoSubs
18 1 13 13 18 -6.2 0.102 -9.000 -9.000 -999. 78. 15.3 0.0240 0.83 1.00 1.71 41.0 10.0 288.1 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
18 1 13 13 19 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0230 0.83 1.00 1.65 20.0 10.0 286.4 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
18 1 13 13 20 -6.1 0.100 -9.000 -9.000 -999. 76. 15.0 0.0240 0.83 1.00 1.69 43.0 10.0 285.4 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
18 1 13 13 21 -4.7 0.088 -9.000 -9.000 -999. 62. 13.1 0.0240 0.83 1.00 1.48 49.0 10.0 284.9 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
18 1 13 13 22 -3.0 0.072 -9.000 -9.000 -999. 46. 11.2 0.0240 0.83 1.00 1.16 48.0 10.0 283.1 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 1 13 13 23 -2.4 0.066 -9.000 -9.000 -999. 41. 11.0 0.0240 0.83 1.00 1.01 51.0 10.0 283.1 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 1 13 13 24 -7.2 0.109 -9.000 -9.000 -999. 86. 16.1 0.0200 0.83 1.00 1.88 60.0 10.0 283.1 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 1 14 14 1 -3.7 0.078 -9.000 -9.000 -999. 53. 11.8 0.0240 0.83 1.00 1.30 53.0 10.0 282.5 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 1 14 14 2 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.60 6.0 10.0 282.0 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 1 14 14 3 -19.0 0.189 -9.000 -9.000 -999. 197. 39.3 0.0240 0.83 1.00 3.05 57.0 10.0 282.5 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 1 14 14 4 -10.1 0.130 -9.000 -9.000 -999. 113. 19.6 0.0240 0.83 1.00 2.15 52.0 10.0 281.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 1 14 14 5 -1.8 0.061 -9.000 -9.000 -999. 38. 11.5 0.0230 0.83 1.00 0.82 322.0 10.0 280.9 2.0 0

0.00 92. 1013. 0 ADJ-A1 NoSubs
18 1 14 14 6 -2.1 0.062 -9.000 -9.000 -999. 37. 10.6 0.0180 0.83 1.00 0.94 275.0 10.0 280.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 1 14 14 7 -2.5 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.83 1.00 1.04 113.0 10.0 281.4 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
18 1 14 14 8 -4.2 0.084 -9.000 -9.000 -999. 58. 12.7 0.0280 0.83 0.71 1.37 126.0 10.0 280.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 1 14 14 9 2.7 0.096 0.131 0.024 30. 72. -29.5 0.0240 0.83 0.37 1.30 39.0 10.0 282.5 2.0 0
0.00 83. 1015. 0 ADJ-A1 NoSubs
18 1 14 14 10 48.8 0.137 0.665 0.029 218. 121. -4.7 0.0240 0.83 0.25 1.55 46.0 10.0 284.2 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
18 1 14 14 11 84.9 0.161 0.873 0.027 284. 155. -4.4 0.0200 0.83 0.21 1.88 85.0 10.0 288.1 2.0 0
0.00 68. 1016. 0 ADJ-A1 NoSubs
18 1 14 14 12 106.2 0.157 1.010 0.024 351. 149. -3.3 0.0200 0.83 0.20 1.76 88.0 10.0 291.4 2.0 0
0.00 57. 1015. 0 ADJ-A1 NoSubs
18 1 14 14 13 110.8 0.161 1.061 0.022 390. 155. -3.4 0.0230 0.83 0.20 1.76 104.0 10.0 292.5 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
18 1 14 14 14 99.6 0.174 1.043 0.020 412. 175. -4.8 0.0200 0.83 0.20 2.06 86.0 10.0 293.8 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
18 1 14 14 15 72.5 0.157 0.950 0.019 428. 149. -4.8 0.0280 0.83 0.23 1.72 128.0 10.0 294.2 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
18 1 14 14 16 30.6 0.126 0.719 0.018 438. 107. -5.9 0.0200 0.83 0.29 1.52 77.0 10.0 292.0 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
18 1 14 14 17 -6.9 0.123 -9.000 -9.000 -999. 104. 24.3 0.0180 0.83 0.48 2.10 253.0 10.0 289.9 2.0 0
0.00 55. 1014. 0 ADJ-A1 NoSubs
18 1 14 14 18 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0200 0.83 1.00 1.59 65.0 10.0 288.1 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
18 1 14 14 19 -7.5 0.111 -9.000 -9.000 -999. 88. 16.4 0.0180 0.83 1.00 1.94 296.0 10.0 287.5 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
18 1 14 14 20 -6.7 0.106 -9.000 -9.000 -999. 83. 15.9 0.0230 0.83 1.00 1.79 320.0 10.0 286.4 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
18 1 14 14 21 -6.1 0.101 -9.000 -9.000 -999. 77. 15.3 0.0270 0.83 1.00 1.67 349.0 10.0 285.9 2.0 0
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18 1 15 15 1 -7.7 0.112 -9.000 -9.000 -999. 90. 16.5 0.0180 0.83 1.00 1.96 296.0 10.0 283.8 2.0 0
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18 1 15 15 2 -6.2 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.77 295.0 10.0 282.5 2.0 0
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18 1 15 15 3 -7.3 0.111 -9.000 -9.000 -999. 88. 16.7 0.0270 0.83 1.00 1.82 335.0 10.0 281.4 2.0 0
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18 1 15 15 5 -4.5 0.087 -9.000 -9.000 -999. 61. 13.0 0.0270 0.83 1.00 1.43 350.0 10.0 282.5 2.0 0
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18 1 15 15 8 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.83 0.71 1.28 2.0 10.0 282.5 2.0 0

0.00 86. 1013. 0 ADJ-A1 NoSubs
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18 1 15 15 11 85.5 0.103 0.837 0.021 248. 79. -1.2 0.0270 0.83 0.21 0.92 333.0 10.0 288.1 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
18 1 15 15 12 106.5 0.132 0.986 0.018 325. 115. -1.9 0.0170 0.83 0.20 1.43 194.0 10.0 290.4 2.0 0
0.00 55. 1014. 0 ADJ-A1 NoSubs
18 1 15 15 13 111.1 0.197 1.062 0.016 390. 209. -6.2 0.0310 0.83 0.20 2.18 158.0 10.0 290.9 2.0 0
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18 1 15 15 14 99.1 0.230 1.046 0.014 417. 265. -11.1 0.0310 0.83 0.20 2.72 172.0 10.0 290.4 2.0 0
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18 1 15 15 15 71.7 0.227 0.950 0.013 432. 260. -14.7 0.0170 0.83 0.23 3.10 199.0 10.0 289.9 2.0 0
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18 1 15 15 16 30.6 0.174 0.719 0.012 438. 175. -15.7 0.0210 0.83 0.29 2.30 221.0 10.0 289.2 2.0 0
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18 1 15 15 17 -8.0 0.138 -9.000 -9.000 -999. 123. 29.5 0.0180 0.83 0.48 2.33 244.0 10.0 287.5 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
18 1 15 15 18 -6.1 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.76 250.0 10.0 285.4 2.0 0
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18 1 15 15 19 -2.9 0.070 -9.000 -9.000 -999. 44. 10.7 0.0180 0.83 1.00 1.18 289.0 10.0 285.4 2.0 0
0.00 89. 1014. 3 ADJ-A1 NoSubs
18 1 15 15 20 -3.2 0.073 -9.000 -9.000 -999. 48. 11.3 0.0240 0.83 1.00 1.20 35.0 10.0 284.9 2.0 0
0.00 89. 1014. 3 ADJ-A1 NoSubs
18 1 15 15 21 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.83 1.00 1.48 315.0 10.0 284.2 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
18 1 15 15 22 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0270 0.83 1.00 1.28 336.0 10.0 283.8 2.0 0
0.00 92. 1015. 7 ADJ-A1 NoSubs
18 1 15 15 23 -7.0 0.107 -9.000 -9.000 -999. 84. 16.0 0.0230 0.83 1.00 1.81 321.0 10.0 283.8 2.0 0
0.00 85. 1016. 10 ADJ-A1 NoSubs
18 1 15 15 24 -8.4 0.118 -9.000 -9.000 -999. 97. 17.7 0.0230 0.83 1.00 1.98 314.0 10.0 284.2 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
18 1 16 16 1 -6.4 0.103 -9.000 -9.000 -999. 79. 15.5 0.0270 0.83 1.00 1.70 344.0 10.0 284.9 2.0 0
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18 1 16 16 2 -4.0 0.081 -9.000 -9.000 -999. 55. 12.0 0.0200 0.83 1.00 1.40 68.0 10.0 284.9 2.0 0
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18 1 16 16 4 -4.3 0.085 -9.000 -9.000 -999. 59. 12.8 0.0270 0.83 1.00 1.40 341.0 10.0 284.9 2.0 0
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18 1 16 16 5 -4.3 0.084 -9.000 -9.000 -999. 59. 12.6 0.0230 0.83 1.00 1.43 316.0 10.0 284.9 2.0 0
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18 1 16 16 7 -8.8 0.121 -9.000 -9.000 -999. 101. 18.2 0.0230 0.83 1.00 2.03 323.0 10.0 283.8 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
18 1 16 16 8 -2.4 0.066 -9.000 -9.000 -999. 41. 10.5 0.0180 0.83 0.70 1.06 267.0 10.0 284.2 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
18 1 16 16 9 4.1 0.087 0.170 0.006 44. 62. -14.9 0.0230 0.83 0.37 1.13 1.0 10.0 284.9 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
18 1 16 16 10 50.5 0.109 0.766 0.008 323. 87. -2.4 0.0230 0.83 0.25 1.14 108.0 10.0 286.4 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
18 1 16 16 11 86.2 0.140 1.041 0.008 476. 125. -2.9 0.0240 0.83 0.21 1.48 58.0 10.0 288.1 2.0 0

0.00 80. 1018. 0 ADJ-A1 NoSubs
18 1 16 16 12 -999.0 -9.000 -9.000 -9.000 476. -999. -99999.0 0.0200 0.83 0.20 1.10 83.0 10.0 289.2 2.0
0 0.00 77. 1017. 99 ADJ-A1 NoSubs
18 1 16 16 13 -999.0 -9.000 -9.000 -9.000 479. -999. -99999.0 0.0228 0.83 0.20 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
18 1 16 16 14 -999.0 -9.000 -9.000 -9.000 479. -999. -99999.0 0.0228 0.83 0.20 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1016. 99 NAD NoSubs
18 1 16 16 15 -999.0 -9.000 -9.000 -9.000 479. -999. -99999.0 0.0228 0.83 0.23 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1016. 99 NAD NoSubs
18 1 16 16 16 31.6 0.172 0.760 0.008 502. 171. -14.5 0.0210 0.83 0.29 2.25 224.0 10.0 289.2 2.0 0
0.00 80. 1016. 0 ADJ-A1 NoSubs
18 1 16 16 17 -5.1 0.107 -9.000 -9.000 -999. 85. 21.6 0.0180 0.83 0.47 1.84 242.0 10.0 288.1 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
18 1 16 16 18 -1.9 0.061 -9.000 -9.000 -999. 36. 10.8 0.0180 0.83 1.00 0.89 269.0 10.0 286.4 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 16 16 19 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0310 0.83 1.00 1.06 150.0 10.0 285.4 2.0 0
0.00 96. 1016. 3 ADJ-A1 NoSubs
18 1 16 16 20 -3.9 0.079 -9.000 -9.000 -999. 53. 11.6 0.0170 0.83 1.00 1.40 187.0 10.0 284.2 2.0 0
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18 1 16 16 21 -5.3 0.094 -9.000 -9.000 -999. 69. 14.2 0.0280 0.83 1.00 1.55 129.0 10.0 284.9 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
18 1 16 16 22 -3.3 0.074 -9.000 -9.000 -999. 48. 11.2 0.0200 0.83 1.00 1.25 66.0 10.0 284.9 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
18 1 16 16 23 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.83 1.00 1.14 255.0 10.0 284.9 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
18 1 16 16 24 -4.3 0.084 -9.000 -9.000 -999. 58. 12.3 0.0200 0.83 1.00 1.45 78.0 10.0 284.9 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
18 1 17 17 1 -3.2 0.074 -9.000 -9.000 -999. 48. 11.5 0.0270 0.83 1.00 1.18 333.0 10.0 284.2 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
18 1 17 17 2 -4.2 0.083 -9.000 -9.000 -999. 57. 12.4 0.0230 0.83 1.00 1.40 320.0 10.0 284.2 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
18 1 17 17 3 -4.5 0.085 -9.000 -9.000 -999. 59. 12.4 0.0180 0.83 1.00 1.50 296.0 10.0 283.1 2.0 0
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18 1 17 17 4 -4.3 0.083 -9.000 -9.000 -999. 58. 12.2 0.0180 0.83 1.00 1.47 266.0 10.0 282.5 2.0 0
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18 1 17 17 5 -4.5 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 305.0 10.0 280.9 2.0 0
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18 1 17 17 6 -2.8 0.070 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 1.00 1.08 334.0 10.0 282.0 2.0 0
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18 1 17 17 8 -2.3 0.066 -9.000 -9.000 -999. 41. 11.2 0.0270 0.83 0.70 0.97 337.0 10.0 282.5 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
18 1 17 17 9 4.3 0.087 0.164 0.008 37. 61. -13.6 0.0230 0.83 0.36 1.11 310.0 10.0 284.2 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
18 1 17 17 10 51.1 0.125 0.752 0.010 303. 107. -3.5 0.0230 0.83 0.25 1.38 99.0 10.0 286.4 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
18 1 17 17 11 87.3 0.138 1.017 0.009 437. 123. -2.7 0.0310 0.83 0.21 1.37 168.0 10.0 289.2 2.0 0
0.00 77. 1019. 0 ADJ-A1 NoSubs
18 1 17 17 12 107.0 0.266 1.138 0.008 501. 330. -16.0 0.0170 0.83 0.20 3.66 202.0 10.0 287.0 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
18 1 17 17 13 112.4 0.232 1.200 0.008 559. 268. -10.0 0.0210 0.83 0.19 2.93 237.0 10.0 289.9 2.0 0
0.00 74. 1017. 0 ADJ-A1 NoSubs
18 1 17 17 14 101.5 0.161 1.193 0.009 606. 157. -3.7 0.0310 0.83 0.20 1.67 174.0 10.0 291.4 2.0 0

0.00 69. 1016. 0 ADJ-A1 NoSubs
18 1 17 17 15 74.2 0.207 1.093 0.009 638. 226. -10.8 0.0310 0.83 0.22 2.44 158.0 10.0 290.9 2.0 0
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18 1 17 17 16 32.6 0.228 0.837 0.009 650. 260. -32.7 0.0310 0.83 0.29 2.95 171.0 10.0 289.2 2.0 0
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18 1 17 17 17 -9.7 0.181 -9.000 -9.000 -999. 185. 55.1 0.0310 0.83 0.47 2.76 172.0 10.0 287.0 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
18 1 17 17 18 -2.8 0.070 -9.000 -9.000 -999. 54. 11.3 0.0280 0.83 1.00 1.09 145.0 10.0 285.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 17 17 19 -6.7 0.105 -9.000 -9.000 -999. 81. 15.4 0.0180 0.83 1.00 1.84 266.0 10.0 285.9 2.0 0
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18 1 17 17 20 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.83 1.00 1.37 328.0 10.0 285.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 1 17 17 21 -1.6 0.060 -9.000 -9.000 -999. 36. 12.1 0.0270 0.83 1.00 0.75 343.0 10.0 284.9 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 1 17 17 22 -2.9 0.071 -9.000 -9.000 -999. 45. 11.0 0.0230 0.83 1.00 1.14 9.0 10.0 283.8 2.0 0
0.00 96. 1016. 3 ADJ-A1 NoSubs
18 1 17 17 23 -8.2 0.117 -9.000 -9.000 -999. 96. 17.5 0.0230 0.83 1.00 1.96 325.0 10.0 283.8 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
18 1 17 17 24 -6.3 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.83 1.00 1.72 302.0 10.0 283.1 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
18 1 18 18 1 -5.6 0.096 -9.000 -9.000 -999. 71. 14.3 0.0240 0.83 1.00 1.62 37.0 10.0 282.5 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
18 1 18 18 2 -9.0 0.122 -9.000 -9.000 -999. 103. 18.4 0.0230 0.83 1.00 2.05 307.0 10.0 283.1 2.0 0
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18 1 18 18 3 -7.1 0.108 -9.000 -9.000 -999. 85. 15.7 0.0180 0.83 1.00 1.89 292.0 10.0 282.5 2.0 0
0.00 100. 1015. 7 ADJ-A1 NoSubs
18 1 18 18 4 -9.8 0.128 -9.000 -9.000 -999. 109. 19.3 0.0230 0.83 1.00 2.13 313.0 10.0 282.5 2.0 0
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18 1 18 18 5 -9.3 0.124 -9.000 -9.000 -999. 105. 18.7 0.0230 0.83 1.00 2.08 326.0 10.0 282.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
18 1 18 18 6 -2.4 0.066 -9.000 -9.000 -999. 41. 10.7 0.0200 0.83 1.00 1.03 89.0 10.0 281.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 1 18 18 7 -9.8 0.128 -9.000 -9.000 -999. 109. 19.2 0.0230 0.83 1.00 2.13 323.0 10.0 280.9 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 1 18 18 8 -8.3 0.118 -9.000 -9.000 -999. 97. 18.0 0.0270 0.83 0.70 1.93 339.0 10.0 281.4 2.0 0
0.00 96. 1014. 3 ADJ-A1 NoSubs
18 1 18 18 9 12.8 0.114 0.375 0.009 149. 92. -10.4 0.0230 0.83 0.36 1.42 311.0 10.0 283.1 2.0 0
0.00 96. 1015. 5 ADJ-A1 NoSubs
18 1 18 18 10 47.6 0.144 0.616 0.006 177. 132. -5.7 0.0200 0.83 0.25 1.74 72.0 10.0 283.8 2.0 0
0.00 100. 1015. 7 ADJ-A1 NoSubs
18 1 18 18 11 76.0 0.128 0.756 0.005 206. 110. -2.5 0.0240 0.83 0.21 1.33 54.0 10.0 287.0 2.0 0
0.00 83. 1015. 7 ADJ-A1 NoSubs
18 1 18 18 12 25.0 0.095 0.539 0.005 227. 71. -3.1 0.0280 0.83 0.20 0.99 123.0 10.0 287.5 2.0 0
0.00 77. 1014. 10 ADJ-A1 NoSubs
18 1 18 18 13 96.2 0.154 1.204 0.012 656. 146. -3.5 0.0280 0.83 0.19 1.62 121.0 10.0 289.2 2.0 0
0.00 71. 1013. 7 ADJ-A1 NoSubs
18 1 18 18 14 23.8 0.174 0.783 0.014 728. 175. -20.1 0.0170 0.83 0.20 2.44 205.0 10.0 289.2 2.0 0
0.00 71. 1012. 10 ADJ-A1 NoSubs
18 1 18 18 15 16.5 0.165 0.702 0.015 756. 160. -24.4 0.0210 0.83 0.22 2.25 230.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 1 18 18 16 5.9 0.210 0.499 0.014 757. 231. -141.7 0.0170 0.83 0.28 3.24 193.0 10.0 286.4 2.0 11
0.30 100. 1012. 10 ADJ-A1 NoSubs
18 1 18 18 17 -12.8 0.198 -9.000 -9.000 -999. 211. 54.4 0.0210 0.83 0.46 3.22 214.0 10.0 286.4 2.0 11

0.30 96. 1011. 10 ADJ-A1 NoSubs
18 1 18 18 18 -15.8 0.163 -9.000 -9.000 -999. 159. 29.3 0.0180 0.83 1.00 2.78 248.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 1 18 18 19 -26.2 0.264 -9.000 -9.000 -999. 325. 76.5 0.0180 0.83 1.00 4.39 245.0 10.0 285.4 2.0 11
0.30 96. 1011. 10 ADJ-A1 NoSubs
18 1 18 18 20 -35.1 0.353 -9.000 -9.000 -999. 504. 137.3 0.0210 0.83 1.00 5.67 237.0 10.0 284.9 2.0 11
0.80 999. 1012. 10 ADJ-A1 NoSubs
18 1 18 18 21 -24.2 0.244 -9.000 -9.000 -999. 295. 65.3 0.0210 0.83 1.00 3.97 233.0 10.0 284.9 2.0 11
0.30 999. 1012. 10 ADJ-A1 NoSubs
18 1 18 18 22 -19.7 0.198 -9.000 -9.000 -999. 212. 43.0 0.0210 0.83 1.00 3.25 238.0 10.0 284.9 2.0 11
0.80 999. 1013. 10 ADJ-A1 NoSubs
18 1 18 18 23 -16.6 0.167 -9.000 -9.000 -999. 164. 30.7 0.0180 0.83 1.00 2.84 249.0 10.0 284.2 2.0 11
0.50 999. 1014. 10 ADJ-A1 NoSubs
18 1 18 18 24 -3.7 0.078 -9.000 -9.000 -999. 56. 11.7 0.0210 0.83 1.00 1.33 210.0 10.0 283.8 2.0 11
0.50 999. 1013. 10 ADJ-A1 NoSubs
18 1 19 19 1 -4.6 0.087 -9.000 -9.000 -999. 62. 12.8 0.0210 0.83 1.00 1.50 229.0 10.0 284.2 2.0 0
0.00 999. 1014. 10 ADJ-A1 NoSubs
18 1 19 19 2 -3.9 0.080 -9.000 -9.000 -999. 54. 12.0 0.0230 0.83 1.00 1.35 308.0 10.0 283.1 2.0 0
0.00 999. 1013. 10 ADJ-A1 NoSubs
18 1 19 19 3 -4.6 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.83 1.00 1.48 317.0 10.0 283.1 2.0 0
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18 1 19 19 4 -3.3 0.074 -9.000 -9.000 -999. 48. 11.0 0.0180 0.83 1.00 1.28 294.0 10.0 282.0 2.0 0
0.00 999. 1013. 0 ADJ-A1 NoSubs
18 1 19 19 5 -7.4 0.111 -9.000 -9.000 -999. 88. 16.5 0.0230 0.83 1.00 1.87 305.0 10.0 281.4 2.0 0
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18 1 19 19 6 -9.3 0.124 -9.000 -9.000 -999. 105. 18.6 0.0230 0.83 1.00 2.08 317.0 10.0 280.4 2.0 0
0.00 999. 1014. 0 ADJ-A1 NoSubs
18 1 19 19 7 -9.1 0.123 -9.000 -9.000 -999. 104. 18.4 0.0230 0.83 1.00 2.06 313.0 10.0 280.4 2.0 0
0.00 999. 1014. 0 ADJ-A1 NoSubs
18 1 19 19 8 -9.5 0.126 -9.000 -9.000 -999. 107. 19.0 0.0230 0.83 0.69 2.10 313.0 10.0 280.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
18 1 19 19 9 4.5 0.113 0.196 0.005 60. 91. -28.9 0.0230 0.83 0.36 1.54 313.0 10.0 280.9 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 1 19 19 10 51.7 0.148 0.786 0.005 340. 136. -5.6 0.0270 0.83 0.25 1.67 344.0 10.0 283.8 2.0 0
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18 1 19 19 11 87.6 0.153 1.200 0.005 715. 144. -3.7 0.0280 0.83 0.21 1.62 125.0 10.0 285.4 2.0 0
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18 1 19 19 12 109.3 0.154 1.432 0.005 974. 145. -3.0 0.0170 0.83 0.20 1.77 199.0 10.0 285.9 2.0 0
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18 1 19 19 13 26.2 0.219 0.906 0.005 1026. 245. -36.0 0.0170 0.83 0.19 3.18 199.0 10.0 287.0 2.0 0
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18 1 19 19 15 78.1 0.159 1.373 0.005 1198. 162. -4.7 0.0230 0.83 0.22 1.82 13.0 10.0 286.4 2.0 0
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18 1 19 19 19 -6.9 0.106 -9.000 -9.000 -999. 82. 15.4 0.0180 0.83 1.00 1.86 290.0 10.0 280.9 2.0 0
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18 1 19 19 20 -6.4 0.101 -9.000 -9.000 -999. 78. 14.8 0.0180 0.83 1.00 1.79 274.0 10.0 280.9 2.0 0

0.00 82. 1013. 0 ADJ-A1 NoSubs
18 1 19 19 21 -5.4 0.094 -9.000 -9.000 -999. 69. 13.8 0.0230 0.83 1.00 1.60 308.0 10.0 278.8 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
18 1 19 19 22 -11.8 0.141 -9.000 -9.000 -999. 127. 21.7 0.0230 0.83 1.00 2.33 321.0 10.0 278.1 2.0 0
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18 1 19 19 23 -18.5 0.182 -9.000 -9.000 -999. 186. 36.3 0.0230 0.83 1.00 2.96 329.0 10.0 278.1 2.0 0
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18 1 19 19 24 -7.8 0.114 -9.000 -9.000 -999. 93. 17.0 0.0270 0.83 1.00 1.87 330.0 10.0 277.0 2.0 0
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18 1 20 20 1 -5.7 0.096 -9.000 -9.000 -999. 72. 14.1 0.0230 0.83 1.00 1.64 324.0 10.0 276.4 2.0 0
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18 1 20 20 2 -7.5 0.111 -9.000 -9.000 -999. 88. 16.3 0.0230 0.83 1.00 1.87 323.0 10.0 276.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 1 20 20 3 -9.9 0.127 -9.000 -9.000 -999. 109. 19.0 0.0230 0.83 1.00 2.13 308.0 10.0 276.4 2.0 0
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18 1 20 20 4 -9.0 0.122 -9.000 -9.000 -999. 102. 18.1 0.0230 0.83 1.00 2.04 313.0 10.0 276.4 2.0 0
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18 1 20 20 7 -7.1 0.108 -9.000 -9.000 -999. 85. 15.8 0.0230 0.83 1.00 1.82 317.0 10.0 275.4 2.0 0
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18 1 20 20 8 -7.8 0.113 -9.000 -9.000 -999. 92. 16.9 0.0230 0.83 0.69 1.91 303.0 10.0 275.9 2.0 0
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18 1 20 20 9 4.8 0.104 0.150 0.007 26. 81. -21.7 0.0270 0.83 0.36 1.35 359.0 10.0 279.2 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 1 20 20 10 51.8 0.096 0.752 0.007 297. 71. -1.5 0.0200 0.83 0.25 0.96 63.0 10.0 281.4 2.0 0
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18 1 20 20 11 87.7 0.116 1.044 0.006 471. 95. -1.6 0.0280 0.83 0.21 1.08 138.0 10.0 282.5 2.0 0
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18 1 20 20 12 109.0 0.127 1.161 0.005 521. 108. -1.7 0.0230 0.83 0.20 1.25 96.0 10.0 284.9 2.0 0
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18 1 20 20 13 114.1 0.175 1.256 0.005 630. 176. -4.3 0.0230 0.83 0.19 1.98 115.0 10.0 285.9 2.0 0
0.00 56. 1016. 0 ADJ-A1 NoSubs
18 1 20 20 14 102.8 0.322 1.280 0.005 739. 438. -29.4 0.0310 0.83 0.20 4.14 167.0 10.0 285.9 2.0 0
0.00 61. 1016. 0 ADJ-A1 NoSubs
18 1 20 20 15 75.9 0.199 1.205 0.005 834. 222. -9.5 0.0310 0.83 0.22 2.32 169.0 10.0 286.4 2.0 0
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18 1 20 20 16 35.0 0.192 0.951 0.005 890. 202. -18.3 0.0310 0.83 0.28 2.38 178.0 10.0 286.4 2.0 0
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18 1 20 20 17 -5.9 0.124 -9.000 -9.000 -999. 106. 29.6 0.0280 0.83 0.45 1.96 131.0 10.0 284.9 2.0 0
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18 1 20 20 18 -5.6 0.096 -9.000 -9.000 -999. 71. 14.1 0.0210 0.83 1.00 1.65 237.0 10.0 283.1 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
18 1 20 20 19 -11.8 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.83 1.00 2.33 305.0 10.0 281.4 2.0 0
0.00 70. 1018. 0 ADJ-A1 NoSubs
18 1 20 20 20 -10.1 0.130 -9.000 -9.000 -999. 112. 19.5 0.0230 0.83 1.00 2.16 312.0 10.0 279.9 2.0 0
0.00 76. 1018. 0 ADJ-A1 NoSubs
18 1 20 20 21 -8.6 0.118 -9.000 -9.000 -999. 98. 17.6 0.0230 0.83 1.00 1.99 313.0 10.0 278.1 2.0 0
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18 1 20 20 22 -18.0 0.175 -9.000 -9.000 -999. 176. 33.8 0.0230 0.83 1.00 2.86 309.0 10.0 278.1 2.0 0
0.00 82. 1019. 0 ADJ-A1 NoSubs
18 1 20 20 23 -12.1 0.142 -9.000 -9.000 -999. 128. 22.2 0.0230 0.83 1.00 2.35 310.0 10.0 278.1 2.0 0

0.00 82. 1020. 0 ADJ-A1 NoSubs
18 1 20 20 24 -9.8 0.128 -9.000 -9.000 -999. 110. 19.3 0.0270 0.83 1.00 2.08 330.0 10.0 277.0 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 1 21 21 1 -9.9 0.127 -9.000 -9.000 -999. 109. 19.0 0.0230 0.83 1.00 2.13 310.0 10.0 277.0 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 1 21 21 2 -11.1 0.135 -9.000 -9.000 -999. 119. 20.3 0.0230 0.83 1.00 2.25 310.0 10.0 277.0 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 1 21 21 3 -11.7 0.139 -9.000 -9.000 -999. 124. 21.1 0.0230 0.83 1.00 2.30 320.0 10.0 275.9 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
18 1 21 21 4 -5.8 0.096 -9.000 -9.000 -999. 72. 14.1 0.0230 0.83 1.00 1.64 320.0 10.0 275.4 2.0 0
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18 1 21 21 5 -5.5 0.094 -9.000 -9.000 -999. 69. 13.8 0.0230 0.83 1.00 1.60 321.0 10.0 275.4 2.0 0
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18 1 21 21 6 -3.4 0.074 -9.000 -9.000 -999. 49. 11.0 0.0180 0.83 1.00 1.28 281.0 10.0 275.9 2.0 0
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18 1 21 21 8 -3.5 0.075 -9.000 -9.000 -999. 50. 11.2 0.0180 0.83 0.68 1.31 261.0 10.0 275.4 2.0 0
0.00 96. 1022. 0 ADJ-A1 NoSubs
18 1 21 21 9 5.0 0.096 0.167 0.010 33. 72. -16.1 0.0180 0.83 0.36 1.31 242.0 10.0 277.5 2.0 0
0.00 92. 1023. 0 ADJ-A1 NoSubs
18 1 21 21 10 52.4 0.150 0.607 0.009 156. 140. -5.9 0.0200 0.83 0.25 1.82 88.0 10.0 280.4 2.0 0
0.00 79. 1023. 0 ADJ-A1 NoSubs
18 1 21 21 11 88.7 0.132 0.986 0.009 395. 116. -2.4 0.0230 0.83 0.21 1.38 93.0 10.0 283.1 2.0 0
0.00 67. 1024. 0 ADJ-A1 NoSubs
18 1 21 21 12 109.7 0.115 1.134 0.008 485. 93. -1.3 0.0230 0.83 0.20 1.08 107.0 10.0 284.2 2.0 0
0.00 65. 1023. 0 ADJ-A1 NoSubs
18 1 21 21 13 115.1 0.155 1.213 0.007 565. 146. -2.9 0.0280 0.83 0.19 1.59 122.0 10.0 285.9 2.0 0
0.00 58. 1022. 0 ADJ-A1 NoSubs
18 1 21 21 14 103.8 0.204 1.211 0.006 624. 221. -7.5 0.0170 0.83 0.20 2.61 190.0 10.0 285.9 2.0 0
0.00 61. 1022. 0 ADJ-A1 NoSubs
18 1 21 21 15 76.9 0.212 1.116 0.005 659. 235. -11.3 0.0170 0.83 0.22 2.83 192.0 10.0 285.9 2.0 0
0.00 61. 1022. 0 ADJ-A1 NoSubs
18 1 21 21 16 35.7 0.206 0.871 0.005 674. 224. -22.2 0.0210 0.83 0.28 2.79 237.0 10.0 284.9 2.0 0
0.00 73. 1022. 0 ADJ-A1 NoSubs
18 1 21 21 17 -3.9 0.098 -9.000 -9.000 -999. 80. 22.1 0.0210 0.83 0.45 1.64 221.0 10.0 283.8 2.0 0
0.00 79. 1022. 0 ADJ-A1 NoSubs
18 1 21 21 18 -4.3 0.083 -9.000 -9.000 -999. 57. 12.1 0.0170 0.83 1.00 1.48 205.0 10.0 283.1 2.0 0
0.00 82. 1022. 0 ADJ-A1 NoSubs
18 1 21 21 19 -3.6 0.076 -9.000 -9.000 -999. 51. 11.3 0.0180 0.83 1.00 1.33 297.0 10.0 283.1 2.0 0
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18 1 21 21 20 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.60 315.0 10.0 282.0 2.0 0
0.00 85. 1022. 0 ADJ-A1 NoSubs
18 1 21 21 21 -8.6 0.118 -9.000 -9.000 -999. 98. 17.7 0.0230 0.83 1.00 1.99 316.0 10.0 280.9 2.0 0
0.00 88. 1022. 0 ADJ-A1 NoSubs
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0.00 88. 1023. 3 ADJ-A1 NoSubs
18 1 21 21 23 -10.2 0.130 -9.000 -9.000 -999. 112. 19.5 0.0230 0.83 1.00 2.16 310.0 10.0 280.9 2.0 0
0.00 88. 1023. 7 ADJ-A1 NoSubs
18 1 21 21 24 -7.3 0.109 -9.000 -9.000 -999. 86. 16.2 0.0230 0.83 1.00 1.84 323.0 10.0 280.9 2.0 0
0.00 88. 1023. 10 ADJ-A1 NoSubs
18 1 22 22 1 -3.6 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.83 1.00 1.28 317.0 10.0 281.4 2.0 0
0.00 85. 1022. 10 ADJ-A1 NoSubs
18 1 22 22 2 -8.1 0.115 -9.000 -9.000 -999. 94. 17.2 0.0230 0.83 1.00 1.94 319.0 10.0 281.4 2.0 0

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18 1 22 22 3 -8.0 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.83 1.00 1.93 308.0 10.0 282.0 2.0 0
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18 1 22 22 4 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.83 1.00 1.47 328.0 10.0 282.0 2.0 0
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18 1 22 22 5 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.83 1.00 1.47 329.0 10.0 282.5 2.0 0
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18 1 22 22 8 -2.9 0.071 -9.000 -9.000 -999. 45. 11.1 0.0240 0.83 0.68 1.14 41.0 10.0 282.5 2.0 0
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18 1 22 22 9 -1.5 0.097 -9.000 -9.000 -999. 73. 55.2 0.0270 0.83 0.35 1.52 349.0 10.0 283.1 2.0 0
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18 1 22 22 10 10.3 0.116 0.319 0.006 114. 95. -13.9 0.0240 0.83 0.25 1.48 59.0 10.0 282.5 2.0 11
0.30 92. 1022. 10 ADJ-A1 NoSubs
18 1 22 22 11 19.4 0.118 0.468 0.006 192. 97. -7.7 0.0230 0.83 0.21 1.43 23.0 10.0 283.1 2.0 11
0.30 100. 1022. 10 ADJ-A1 NoSubs
18 1 22 22 12 24.8 0.120 0.564 0.006 263. 100. -6.4 0.0230 0.83 0.19 1.43 329.0 10.0 283.8 2.0 11
1.00 100. 1021. 10 ADJ-A1 NoSubs
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0.30 999. 1020. 10 ADJ-A1 NoSubs
18 1 22 22 14 23.7 0.077 0.621 0.005 368. 52. -1.8 0.0230 0.83 0.20 0.77 4.0 10.0 285.4 2.0 0
0.00 999. 1020. 10 ADJ-A1 NoSubs
18 1 22 22 15 16.9 0.080 0.570 0.005 397. 54. -2.7 0.0170 0.83 0.22 0.91 187.0 10.0 285.4 2.0 0
0.00 999. 1020. 10 ADJ-A1 NoSubs
18 1 22 22 16 36.9 0.148 0.773 0.005 455. 137. -8.0 0.0310 0.83 0.28 1.69 168.0 10.0 285.9 2.0 0
0.00 999. 1020. 7 ADJ-A1 NoSubs
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0.00 100. 1020. 0 ADJ-A1 NoSubs
18 1 22 22 18 -7.0 0.106 -9.000 -9.000 -999. 83. 15.7 0.0200 0.83 1.00 1.84 79.0 10.0 283.8 2.0 0
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18 1 22 22 19 -9.1 0.123 -9.000 -9.000 -999. 103. 18.5 0.0240 0.83 1.00 2.04 55.0 10.0 283.1 2.0 0
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18 1 22 22 20 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0270 0.83 1.00 1.71 331.0 10.0 281.4 2.0 0
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18 1 22 22 21 -10.1 0.130 -9.000 -9.000 -999. 112. 19.5 0.0230 0.83 1.00 2.16 310.0 10.0 280.9 2.0 0
0.00 95. 1020. 0 ADJ-A1 NoSubs
18 1 22 22 22 -12.9 0.147 -9.000 -9.000 -999. 135. 23.6 0.0230 0.83 1.00 2.42 317.0 10.0 280.4 2.0 0
0.00 96. 1020. 0 ADJ-A1 NoSubs
18 1 22 22 23 -12.9 0.147 -9.000 -9.000 -999. 135. 23.6 0.0230 0.83 1.00 2.42 317.0 10.0 279.9 2.0 0
0.00 95. 1020. 0 ADJ-A1 NoSubs
18 1 22 22 24 -11.1 0.135 -9.000 -9.000 -999. 120. 20.4 0.0230 0.83 1.00 2.25 319.0 10.0 279.2 2.0 0
0.00 96. 1020. 3 ADJ-A1 NoSubs
18 1 23 23 1 -8.4 0.118 -9.000 -9.000 -999. 97. 17.8 0.0270 0.83 1.00 1.93 330.0 10.0 279.2 2.0 0
0.00 96. 1020. 3 ADJ-A1 NoSubs
18 1 23 23 2 -9.8 0.128 -9.000 -9.000 -999. 110. 19.4 0.0270 0.83 1.00 2.08 334.0 10.0 278.8 2.0 0
0.00 95. 1020. 0 ADJ-A1 NoSubs
18 1 23 23 3 -11.3 0.137 -9.000 -9.000 -999. 121. 20.6 0.0230 0.83 1.00 2.27 312.0 10.0 278.8 2.0 0
0.00 100. 1020. 5 ADJ-A1 NoSubs
18 1 23 23 4 -9.3 0.125 -9.000 -9.000 -999. 105. 18.8 0.0270 0.83 1.00 2.03 331.0 10.0 278.1 2.0 0
0.00 95. 1019. 0 ADJ-A1 NoSubs
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0.00 95. 1018. 0 ADJ-A1 NoSubs
18 1 23 23 6 -4.9 0.089 -9.000 -9.000 -999. 65. 13.3 0.0270 0.83 1.00 1.48 342.0 10.0 278.8 2.0 0
0.00 95. 1018. 0 ADJ-A1 NoSubs
18 1 23 23 7 -7.3 0.109 -9.000 -9.000 -999. 86. 16.1 0.0230 0.83 1.00 1.84 311.0 10.0 278.1 2.0 0
0.00 95. 1019. 0 ADJ-A1 NoSubs
18 1 23 23 8 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.83 0.68 1.74 305.0 10.0 279.2 2.0 0
0.00 96. 1019. 0 ADJ-A1 NoSubs
18 1 23 23 9 7.2 0.099 0.305 0.005 143. 75. -12.3 0.0230 0.83 0.35 1.26 6.0 10.0 282.5 2.0 0
0.00 86. 1019. 0 ADJ-A1 NoSubs
18 1 23 23 10 54.9 0.125 0.785 0.005 320. 106. -3.2 0.0200 0.83 0.24 1.40 86.0 10.0 284.9 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
18 1 23 23 11 91.5 0.203 1.038 0.005 444. 219. -8.3 0.0200 0.83 0.21 2.54 88.0 10.0 287.0 2.0 0
0.00 74. 1020. 0 ADJ-A1 NoSubs
18 1 23 23 12 113.0 0.175 1.287 0.006 686. 176. -4.3 0.0200 0.83 0.19 2.04 73.0 10.0 288.8 2.0 0
0.00 66. 1018. 0 ADJ-A1 NoSubs
18 1 23 23 13 118.2 0.227 1.519 0.020 1078. 259. -8.9 0.0200 0.83 0.19 2.86 85.0 10.0 289.2 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
18 1 23 23 14 107.5 0.189 1.481 0.020 1096. 197. -5.7 0.0200 0.83 0.20 2.27 88.0 10.0 290.4 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
18 1 23 23 15 80.9 0.122 1.353 0.019 1110. 103. -2.0 0.0280 0.83 0.22 1.18 127.0 10.0 290.9 2.0 0
0.00 49. 1016. 0 ADJ-A1 NoSubs
18 1 23 23 16 39.2 0.227 1.064 0.019 1116. 260. -27.2 0.0210 0.83 0.27 3.13 236.0 10.0 288.8 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
18 1 23 23 17 -6.3 0.172 -9.000 -9.000 -999. 172. 73.0 0.0180 0.83 0.43 2.86 247.0 10.0 286.4 2.0 0
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18 1 23 23 18 -4.1 0.081 -9.000 -9.000 -999. 59. 11.9 0.0180 0.83 1.00 1.43 261.0 10.0 284.9 2.0 0
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18 1 23 23 19 -5.9 0.098 -9.000 -9.000 -999. 74. 14.6 0.0230 0.83 1.00 1.67 307.0 10.0 283.8 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
18 1 23 23 20 -8.6 0.120 -9.000 -9.000 -999. 100. 18.2 0.0270 0.83 1.00 1.96 332.0 10.0 282.0 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 23 23 21 -8.5 0.118 -9.000 -9.000 -999. 98. 17.7 0.0230 0.83 1.00 1.99 311.0 10.0 281.4 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 23 23 22 -12.8 0.147 -9.000 -9.000 -999. 135. 23.6 0.0230 0.83 1.00 2.42 310.0 10.0 280.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 23 23 23 -10.5 0.132 -9.000 -9.000 -999. 115. 19.9 0.0230 0.83 1.00 2.20 316.0 10.0 279.9 2.0 0
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18 1 23 23 24 -11.0 0.135 -9.000 -9.000 -999. 120. 20.4 0.0230 0.83 1.00 2.25 320.0 10.0 279.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 1 24 24 1 -8.1 0.115 -9.000 -9.000 -999. 94. 17.1 0.0230 0.83 1.00 1.94 312.0 10.0 279.2 2.0 0
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18 1 24 24 2 -7.7 0.112 -9.000 -9.000 -999. 90. 16.6 0.0230 0.83 1.00 1.89 315.0 10.0 279.2 2.0 0
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18 1 24 24 3 -12.4 0.144 -9.000 -9.000 -999. 131. 22.8 0.0230 0.83 1.00 2.38 310.0 10.0 279.2 2.0 0
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18 1 24 24 5 -14.8 0.158 -9.000 -9.000 -999. 150. 27.3 0.0230 0.83 1.00 2.59 328.0 10.0 277.5 2.0 0
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18 1 24 24 6 -12.3 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.83 1.00 2.37 324.0 10.0 278.1 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
18 1 24 24 7 -3.0 0.072 -9.000 -9.000 -999. 48. 11.3 0.0270 0.83 1.00 1.13 344.0 10.0 278.1 2.0 0
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18 1 24 24 8 -12.7 0.147 -9.000 -9.000 -999. 136. 23.9 0.0270 0.83 0.67 2.37 331.0 10.0 278.8 2.0 0

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18 1 24 24 10 55.5 0.078 0.659 0.009 187. 53. -1.0 0.0180 0.83 0.24 0.72 296.0 10.0 283.8 2.0 0
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18 1 24 24 11 91.5 0.097 0.884 0.006 273. 73. -1.0 0.0280 0.83 0.21 0.82 131.0 10.0 283.8 2.0 0
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18 1 24 24 12 95.7 0.126 0.967 0.005 342. 108. -1.9 0.0280 0.83 0.19 1.21 141.0 10.0 284.9 2.0 0
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18 1 24 24 13 27.2 0.105 0.661 0.005 384. 82. -3.9 0.0270 0.83 0.19 1.13 356.0 10.0 285.9 2.0 0
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18 1 24 24 14 24.5 0.239 0.663 0.006 429. 280. -50.2 0.0210 0.83 0.20 3.41 230.0 10.0 286.4 2.0 0
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18 1 24 24 15 17.7 0.204 0.608 0.007 458. 222. -43.3 0.0210 0.83 0.22 2.89 212.0 10.0 285.9 2.0 0
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18 1 24 24 16 7.5 0.214 0.460 0.008 470. 238. -119.4 0.0170 0.83 0.27 3.29 200.0 10.0 285.9 2.0 0
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18 1 24 24 18 -20.4 0.205 -9.000 -9.000 -999. 224. 46.0 0.0180 0.83 1.00 3.44 275.0 10.0 284.2 2.0 0
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18 1 24 24 19 -9.4 0.124 -9.000 -9.000 -999. 107. 18.4 0.0180 0.83 1.00 2.16 285.0 10.0 283.1 2.0 11
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18 1 24 24 20 -17.8 0.178 -9.000 -9.000 -999. 180. 34.7 0.0200 0.83 1.00 2.96 82.0 10.0 282.5 2.0 0
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18 1 24 24 21 -25.9 0.258 -9.000 -9.000 -999. 315. 73.5 0.0230 0.83 1.00 4.14 95.0 10.0 282.5 2.0 0
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18 1 24 24 22 -9.4 0.126 -9.000 -9.000 -999. 119. 19.3 0.0280 0.83 1.00 2.04 139.0 10.0 282.5 2.0 0
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18 1 24 24 23 -10.3 0.133 -9.000 -9.000 -999. 117. 20.6 0.0310 0.83 1.00 2.11 154.0 10.0 283.1 2.0 0
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18 1 24 24 24 -14.8 0.159 -9.000 -9.000 -999. 151. 27.6 0.0210 0.83 1.00 2.64 216.0 10.0 283.8 2.0 0
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18 1 25 25 1 -21.7 0.216 -9.000 -9.000 -999. 241. 51.4 0.0210 0.83 1.00 3.54 232.0 10.0 282.5 2.0 11
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18 1 25 25 2 -4.0 0.081 -9.000 -9.000 -999. 72. 11.8 0.0180 0.83 1.00 1.42 294.0 10.0 281.4 2.0 0
0.00 999. 1012. 0 ADJ-A1 NoSubs
18 1 25 25 3 -7.5 0.111 -9.000 -9.000 -999. 89. 16.6 0.0230 0.83 1.00 1.88 309.0 10.0 280.4 2.0 0
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18 1 25 25 4 -9.1 0.123 -9.000 -9.000 -999. 104. 18.4 0.0230 0.83 1.00 2.06 313.0 10.0 278.8 2.0 0
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18 1 25 25 6 -7.8 0.113 -9.000 -9.000 -999. 92. 16.8 0.0230 0.83 1.00 1.91 317.0 10.0 277.5 2.0 0
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18 1 25 25 7 -3.9 0.080 -9.000 -9.000 -999. 55. 11.9 0.0230 0.83 1.00 1.35 323.0 10.0 278.1 2.0 0
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18 1 25 25 8 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.83 0.66 1.74 309.0 10.0 278.8 2.0 0
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18 1 25 25 9 -1.2 0.080 -9.000 -9.000 -999. 55. 39.0 0.0180 0.83 0.35 1.35 299.0 10.0 280.9 2.0 0
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18 1 25 25 10 10.8 0.130 0.262 0.005 60. 112. -18.2 0.0240 0.83 0.24 1.69 31.0 10.0 282.0 2.0 0
0.00 85. 1015. 10 ADJ-A1 NoSubs
18 1 25 25 11 79.8 0.131 1.068 0.005 553. 114. -2.6 0.0230 0.83 0.21 1.38 96.0 10.0 283.8 2.0 0

0.00 79. 1015. 7 ADJ-A1 NoSubs
18 1 25 25 12 114.0 0.194 1.583 0.005 1261. 205. -5.8 0.0310 0.83 0.19 2.13 154.0 10.0 285.4 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
18 1 25 25 13 119.4 0.258 1.627 0.005 1307. 315. -13.1 0.0170 0.83 0.19 3.49 181.0 10.0 285.9 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
18 1 25 25 14 113.2 0.304 1.677 0.006 1510. 403. -22.5 0.0170 0.83 0.20 4.29 198.0 10.0 285.9 2.0 0
0.00 71. 1014. 3 ADJ-A1 NoSubs
18 1 25 25 15 71.5 0.301 1.487 0.009 1667. 396. -34.4 0.0170 0.83 0.22 4.36 203.0 10.0 285.9 2.0 0
0.00 68. 1014. 7 ADJ-A1 NoSubs
18 1 25 25 16 39.7 0.301 1.227 0.009 1687. 397. -62.5 0.0170 0.83 0.27 4.51 206.0 10.0 285.9 2.0 0
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18 1 25 25 17 -6.5 0.201 -9.000 -9.000 -999. 221. 114.0 0.0210 0.83 0.42 3.23 218.0 10.0 284.2 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
18 1 25 25 18 -10.5 0.131 -9.000 -9.000 -999. 115. 19.5 0.0180 0.83 1.00 2.27 260.0 10.0 282.5 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
18 1 25 25 19 -7.2 0.109 -9.000 -9.000 -999. 86. 16.2 0.0230 0.83 1.00 1.84 328.0 10.0 281.4 2.0 0
0.00 92. 1016. 7 ADJ-A1 NoSubs
18 1 25 25 20 -10.3 0.131 -9.000 -9.000 -999. 114. 19.7 0.0230 0.83 1.00 2.18 312.0 10.0 281.4 2.0 0
0.00 89. 1017. 7 ADJ-A1 NoSubs
18 1 25 25 21 -5.0 0.091 -9.000 -9.000 -999. 66. 13.4 0.0230 0.83 1.00 1.54 316.0 10.0 280.4 2.0 0
0.00 96. 1017. 7 ADJ-A1 NoSubs
18 1 25 25 22 -6.2 0.101 -9.000 -9.000 -999. 77. 15.1 0.0270 0.83 1.00 1.67 332.0 10.0 280.9 2.0 0
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18 1 25 25 23 -4.2 0.083 -9.000 -9.000 -999. 57. 12.3 0.0230 0.83 1.00 1.40 305.0 10.0 280.4 2.0 0
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18 1 25 25 24 -9.2 0.123 -9.000 -9.000 -999. 104. 18.4 0.0230 0.83 1.00 2.06 310.0 10.0 279.9 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
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0.00 95. 1019. 3 ADJ-A1 NoSubs
18 1 26 26 2 -11.3 0.137 -9.000 -9.000 -999. 121. 20.6 0.0230 0.83 1.00 2.27 316.0 10.0 278.8 2.0 0
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18 1 26 26 3 -8.5 0.118 -9.000 -9.000 -999. 97. 17.5 0.0230 0.83 1.00 1.98 317.0 10.0 278.8 2.0 0
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18 1 26 26 4 -10.1 0.129 -9.000 -9.000 -999. 111. 19.3 0.0230 0.83 1.00 2.15 318.0 10.0 278.1 2.0 0
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18 1 26 26 5 -4.8 0.088 -9.000 -9.000 -999. 63. 13.0 0.0230 0.83 1.00 1.50 304.0 10.0 277.5 2.0 0
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0.00 92. 1020. 0 ADJ-A1 NoSubs
18 1 26 26 7 -3.7 0.078 -9.000 -9.000 -999. 52. 11.6 0.0230 0.83 1.00 1.30 326.0 10.0 276.4 2.0 0
0.00 96. 1021. 0 ADJ-A1 NoSubs
18 1 26 26 8 -4.5 0.086 -9.000 -9.000 -999. 61. 13.0 0.0270 0.83 0.66 1.42 333.0 10.0 277.0 2.0 0
0.00 95. 1022. 0 ADJ-A1 NoSubs
18 1 26 26 9 8.6 0.087 0.247 0.005 63. 61. -6.9 0.0180 0.83 0.34 1.09 267.0 10.0 279.2 2.0 0
0.00 96. 1022. 0 ADJ-A1 NoSubs
18 1 26 26 10 56.7 0.107 0.765 0.005 288. 84. -2.0 0.0280 0.83 0.24 1.03 136.0 10.0 281.4 2.0 0
0.00 85. 1023. 0 ADJ-A1 NoSubs
18 1 26 26 11 93.5 0.137 1.196 0.005 668. 121. -2.5 0.0280 0.83 0.21 1.37 123.0 10.0 283.8 2.0 0
0.00 76. 1023. 0 ADJ-A1 NoSubs
18 1 26 26 12 115.1 0.127 1.476 0.005 1020. 109. -1.6 0.0230 0.83 0.19 1.25 118.0 10.0 285.4 2.0 0
0.00 66. 1022. 0 ADJ-A1 NoSubs
18 1 26 26 13 120.7 0.141 1.555 0.005 1137. 126. -2.1 0.0170 0.83 0.19 1.54 209.0 10.0 286.4 2.0 0
0.00 61. 1022. 0 ADJ-A1 NoSubs
18 1 26 26 14 109.7 0.184 1.536 0.005 1205. 190. -5.2 0.0170 0.83 0.20 2.27 188.0 10.0 286.4 2.0 0

0.00 64. 1021. 0 ADJ-A1 NoSubs
18 1 26 26 15 82.9 0.282 1.418 0.005 1253. 359. -24.6 0.0210 0.83 0.21 3.85 221.0 10.0 285.9 2.0 0
0.00 66. 1021. 0 ADJ-A1 NoSubs
18 1 26 26 16 47.3 0.264 1.184 0.005 1279. 326. -35.4 0.0180 0.83 0.27 3.80 242.0 10.0 285.4 2.0 0
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18 1 26 26 17 -4.6 0.161 -9.000 -9.000 -999. 159. 82.7 0.0180 0.83 0.42 2.66 252.0 10.0 284.9 2.0 0
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18 1 26 26 18 -2.9 0.070 -9.000 -9.000 -999. 49. 10.7 0.0180 0.83 1.00 1.18 247.0 10.0 283.8 2.0 0
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18 1 26 26 19 -4.5 0.087 -9.000 -9.000 -999. 61. 13.0 0.0270 0.83 1.00 1.43 332.0 10.0 282.0 2.0 0
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18 1 26 26 20 -6.0 0.098 -9.000 -9.000 -999. 74. 14.5 0.0230 0.83 1.00 1.67 314.0 10.0 280.4 2.0 0
0.00 89. 1022. 0 ADJ-A1 NoSubs
18 1 26 26 21 -11.2 0.136 -9.000 -9.000 -999. 120. 20.5 0.0230 0.83 1.00 2.26 318.0 10.0 279.9 2.0 0
0.00 88. 1022. 0 ADJ-A1 NoSubs
18 1 26 26 22 -16.7 0.167 -9.000 -9.000 -999. 164. 30.8 0.0230 0.83 1.00 2.74 305.0 10.0 279.2 2.0 0
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18 1 27 27 1 -14.1 0.153 -9.000 -9.000 -999. 144. 25.8 0.0230 0.83 1.00 2.52 315.0 10.0 278.1 2.0 0
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18 1 27 27 2 -6.5 0.103 -9.000 -9.000 -999. 79. 15.1 0.0230 0.83 1.00 1.74 326.0 10.0 277.5 2.0 0
0.00 89. 1023. 0 ADJ-A1 NoSubs
18 1 27 27 3 -4.1 0.081 -9.000 -9.000 -999. 56. 12.0 0.0230 0.83 1.00 1.37 321.0 10.0 277.5 2.0 0
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18 1 27 27 4 -6.3 0.101 -9.000 -9.000 -999. 77. 14.8 0.0230 0.83 1.00 1.71 317.0 10.0 277.0 2.0 0
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0.00 89. 1023. 0 ADJ-A1 NoSubs
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0.00 92. 1025. 0 ADJ-A1 NoSubs
18 1 27 27 9 9.5 0.076 0.276 0.007 80. 51. -4.3 0.0180 0.83 0.34 0.91 257.0 10.0 280.4 2.0 0
0.00 85. 1025. 0 ADJ-A1 NoSubs
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0.00 79. 1025. 0 ADJ-A1 NoSubs
18 1 27 27 11 94.9 0.131 1.026 0.005 416. 114. -2.2 0.0230 0.83 0.20 1.35 109.0 10.0 285.4 2.0 0
0.00 63. 1025. 0 ADJ-A1 NoSubs
18 1 27 27 12 116.7 0.127 1.285 0.009 664. 109. -1.6 0.0230 0.83 0.19 1.25 111.0 10.0 287.0 2.0 0
0.00 54. 1024. 0 ADJ-A1 NoSubs
18 1 27 27 13 122.5 0.162 1.394 0.010 807. 157. -3.2 0.0230 0.83 0.19 1.76 112.0 10.0 288.8 2.0 0
0.00 51. 1023. 0 ADJ-A1 NoSubs
18 1 27 27 14 111.8 0.182 1.384 0.010 865. 187. -4.9 0.0170 0.83 0.20 2.23 190.0 10.0 289.2 2.0 0
0.00 51. 1022. 0 ADJ-A1 NoSubs
18 1 27 27 15 85.4 0.214 1.282 0.009 901. 237. -10.4 0.0170 0.83 0.21 2.83 192.0 10.0 289.9 2.0 0
0.00 51. 1022. 0 ADJ-A1 NoSubs
18 1 27 27 16 44.2 0.197 1.036 0.009 917. 210. -15.8 0.0170 0.83 0.26 2.71 197.0 10.0 289.2 2.0 0
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18 1 27 27 17 -3.2 0.139 -9.000 -9.000 -999. 125. 76.9 0.0170 0.83 0.41 2.32 190.0 10.0 287.0 2.0 0

0.00 63. 1022. 0 ADJ-A1 NoSubs
18 1 27 27 18 -4.2 0.082 -9.000 -9.000 -999. 57. 12.1 0.0180 0.83 1.00 1.45 256.0 10.0 285.9 2.0 0
0.00 66. 1022. 0 ADJ-A1 NoSubs
18 1 27 27 19 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.83 1.00 1.14 281.0 10.0 283.8 2.0 0
0.00 76. 1022. 0 ADJ-A1 NoSubs
18 1 27 27 20 -3.7 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.83 1.00 1.31 300.0 10.0 282.5 2.0 0
0.00 83. 1022. 0 ADJ-A1 NoSubs
18 1 27 27 21 -13.4 0.151 -9.000 -9.000 -999. 141. 25.0 0.0270 0.83 1.00 2.42 354.0 10.0 284.2 2.0 0
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18 1 27 27 22 -7.9 0.115 -9.000 -9.000 -999. 93. 17.3 0.0270 0.83 1.00 1.88 347.0 10.0 282.0 2.0 0
0.00 85. 1022. 0 ADJ-A1 NoSubs
18 1 27 27 23 -14.0 0.154 -9.000 -9.000 -999. 145. 26.1 0.0270 0.83 1.00 2.47 351.0 10.0 283.8 2.0 0
0.00 79. 1023. 0 ADJ-A1 NoSubs
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0.00 73. 1021. 0 ADJ-A1 NoSubs
18 1 28 28 5 -14.6 0.157 -9.000 -9.000 -999. 149. 27.1 0.0240 0.83 1.00 2.56 46.0 10.0 283.1 2.0 0
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18 1 28 28 6 -14.3 0.155 -9.000 -9.000 -999. 147. 26.6 0.0270 0.83 1.00 2.49 358.0 10.0 280.4 2.0 0
0.00 85. 1021. 0 ADJ-A1 NoSubs
18 1 28 28 7 -14.5 0.156 -9.000 -9.000 -999. 147. 26.7 0.0230 0.83 1.00 2.56 316.0 10.0 279.2 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
18 1 28 28 8 -16.5 0.170 -9.000 -9.000 -999. 169. 31.9 0.0230 0.83 0.65 2.78 3.0 10.0 282.0 2.0 0
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0.00 82. 1022. 0 ADJ-A1 NoSubs
18 1 28 28 10 60.0 0.258 0.617 0.013 142. 314. -26.0 0.0240 0.83 0.24 3.45 56.0 10.0 287.0 2.0 0
0.00 61. 1022. 0 ADJ-A1 NoSubs
18 1 28 28 11 97.2 0.305 0.988 0.014 361. 404. -26.6 0.0240 0.83 0.20 4.09 47.0 10.0 289.2 2.0 0
0.00 57. 1022. 0 ADJ-A1 NoSubs
18 1 28 28 12 119.4 0.351 1.168 0.017 486. 500. -33.1 0.0200 0.83 0.19 4.94 74.0 10.0 291.4 2.0 0
0.00 51. 1020. 0 ADJ-A1 NoSubs
18 1 28 28 13 125.4 0.371 1.268 0.017 591. 543. -37.1 0.0200 0.83 0.19 5.26 81.0 10.0 293.1 2.0 0
0.00 46. 1019. 0 ADJ-A1 NoSubs
18 1 28 28 14 115.4 0.322 1.256 0.015 624. 440. -26.2 0.0240 0.83 0.19 4.31 51.0 10.0 294.9 2.0 0
0.00 44. 1018. 0 ADJ-A1 NoSubs
18 1 28 28 15 89.3 0.331 1.168 0.014 648. 458. -37.0 0.0240 0.83 0.21 4.54 39.0 10.0 295.9 2.0 0
0.00 40. 1018. 0 ADJ-A1 NoSubs
18 1 28 28 16 47.9 0.266 0.955 0.014 660. 332. -35.7 0.0240 0.83 0.26 3.64 39.0 10.0 295.4 2.0 0
0.00 42. 1018. 0 ADJ-A1 NoSubs
18 1 28 28 17 -2.4 0.194 -9.000 -9.000 -999. 208. 280.6 0.0240 0.83 0.41 3.00 47.0 10.0 292.5 2.0 0
0.00 50. 1018. 0 ADJ-A1 NoSubs
18 1 28 28 18 -18.7 0.193 -9.000 -9.000 -999. 203. 40.8 0.0240 0.83 1.00 3.10 36.0 10.0 292.5 2.0 0
0.00 43. 1017. 0 ADJ-A1 NoSubs
18 1 28 28 19 -12.4 0.145 -9.000 -9.000 -999. 133. 23.3 0.0230 0.83 1.00 2.40 27.0 10.0 289.2 2.0 0
0.00 53. 1017. 0 ADJ-A1 NoSubs
18 1 28 28 20 -11.5 0.139 -9.000 -9.000 -999. 124. 21.2 0.0200 0.83 1.00 2.35 69.0 10.0 288.8 2.0 0

0.00 55. 1018. 0 ADJ-A1 NoSubs
18 1 28 28 21 -7.9 0.114 -9.000 -9.000 -999. 92. 17.0 0.0200 0.83 1.00 1.96 88.0 10.0 286.4 2.0 0
0.00 64. 1018. 0 ADJ-A1 NoSubs
18 1 28 28 22 -3.3 0.074 -9.000 -9.000 -999. 49. 11.4 0.0230 0.83 1.00 1.23 328.0 10.0 285.4 2.0 0
0.00 68. 1019. 0 ADJ-A1 NoSubs
18 1 28 28 23 -7.6 0.112 -9.000 -9.000 -999. 90. 16.8 0.0230 0.83 1.00 1.89 322.0 10.0 283.8 2.0 0
0.00 73. 1019. 0 ADJ-A1 NoSubs
18 1 28 28 24 -4.5 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 20.0 10.0 284.2 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
18 1 29 29 1 -12.9 0.148 -9.000 -9.000 -999. 136. 24.0 0.0240 0.83 1.00 2.42 58.0 10.0 284.2 2.0 0
0.00 74. 1018. 0 ADJ-A1 NoSubs
18 1 29 29 2 -8.0 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.83 1.00 1.93 29.0 10.0 283.1 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
18 1 29 29 3 -6.9 0.107 -9.000 -9.000 -999. 83. 15.9 0.0240 0.83 1.00 1.79 35.0 10.0 283.1 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
18 1 29 29 4 -6.7 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.83 1.00 1.77 26.0 10.0 282.0 2.0 0
0.00 76. 1017. 0 ADJ-A1 NoSubs
18 1 29 29 5 -8.9 0.122 -9.000 -9.000 -999. 102. 18.4 0.0240 0.83 1.00 2.03 42.0 10.0 283.1 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
18 1 29 29 6 -3.8 0.079 -9.000 -9.000 -999. 54. 11.8 0.0230 0.83 1.00 1.33 15.0 10.0 280.4 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
18 1 29 29 7 -6.2 0.101 -9.000 -9.000 -999. 77. 14.9 0.0230 0.83 1.00 1.71 12.0 10.0 280.9 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
18 1 29 29 8 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0240 0.83 0.64 1.67 31.0 10.0 282.0 2.0 0
0.00 76. 1018. 0 ADJ-A1 NoSubs
18 1 29 29 9 11.9 0.122 0.270 0.023 60. 102. -13.8 0.0240 0.83 0.34 1.55 33.0 10.0 283.8 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
18 1 29 29 10 61.0 0.215 0.694 0.024 199. 239. -14.7 0.0200 0.83 0.24 2.84 76.0 10.0 287.0 2.0 0
0.00 63. 1018. 0 ADJ-A1 NoSubs
18 1 29 29 11 97.9 0.290 0.908 0.021 277. 375. -22.7 0.0200 0.83 0.20 3.98 78.0 10.0 288.1 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
18 1 29 29 12 120.5 0.213 1.038 0.022 336. 239. -7.3 0.0200 0.83 0.19 2.64 71.0 10.0 291.4 2.0 0
0.00 51. 1016. 0 ADJ-A1 NoSubs
18 1 29 29 13 126.6 0.216 1.108 0.021 389. 240. -7.2 0.0230 0.83 0.19 2.59 102.0 10.0 293.1 2.0 0
0.00 48. 1015. 0 ADJ-A1 NoSubs
18 1 29 29 14 116.1 0.199 1.114 0.019 431. 213. -6.1 0.0230 0.83 0.19 2.35 96.0 10.0 293.8 2.0 0
0.00 44. 1014. 0 ADJ-A1 NoSubs
18 1 29 29 15 88.8 0.229 1.061 0.019 487. 263. -12.2 0.0200 0.83 0.21 2.98 80.0 10.0 292.0 2.0 0
0.00 55. 1014. 0 ADJ-A1 NoSubs
18 1 29 29 16 47.9 0.186 0.884 0.019 521. 193. -12.1 0.0200 0.83 0.26 2.42 67.0 10.0 292.5 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
18 1 29 29 17 -1.0 0.093 -9.000 -9.000 -999. 72. 74.8 0.0200 0.83 0.40 1.52 63.0 10.0 290.9 2.0 0
0.00 59. 1014. 0 ADJ-A1 NoSubs
18 1 29 29 18 -16.7 0.170 -9.000 -9.000 -999. 168. 31.8 0.0200 0.83 1.00 2.84 69.0 10.0 288.1 2.0 0
0.00 63. 1014. 0 ADJ-A1 NoSubs
18 1 29 29 19 -17.1 0.173 -9.000 -9.000 -999. 172. 32.8 0.0200 0.83 1.00 2.88 68.0 10.0 287.0 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
18 1 29 29 20 -3.2 0.075 -9.000 -9.000 -999. 54. 11.6 0.0270 0.83 1.00 1.20 339.0 10.0 285.4 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
18 1 29 29 21 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.83 1.00 1.82 309.0 10.0 284.2 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
18 1 29 29 22 -7.2 0.109 -9.000 -9.000 -999. 86. 16.3 0.0230 0.83 1.00 1.84 308.0 10.0 283.8 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
18 1 29 29 23 -2.9 0.071 -9.000 -9.000 -999. 45. 11.0 0.0230 0.83 1.00 1.14 323.0 10.0 283.1 2.0 0

0.00 76. 1015. 0 ADJ-A1 NoSubs
18 1 29 29 24 -4.9 0.090 -9.000 -9.000 -999. 65. 13.4 0.0230 0.83 1.00 1.53 25.0 10.0 283.8 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
18 1 30 30 1 -5.7 0.096 -9.000 -9.000 -999. 71. 13.9 0.0180 0.83 1.00 1.69 296.0 10.0 282.5 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
18 1 30 30 2 -3.6 0.076 -9.000 -9.000 -999. 51. 11.3 0.0180 0.83 1.00 1.33 276.0 10.0 282.0 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
18 1 30 30 3 -4.9 0.089 -9.000 -9.000 -999. 63. 12.9 0.0180 0.83 1.00 1.57 294.0 10.0 281.4 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
18 1 30 30 4 -4.1 0.081 -9.000 -9.000 -999. 56. 11.9 0.0180 0.83 1.00 1.43 258.0 10.0 281.4 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
18 1 30 30 5 -2.4 0.065 -9.000 -9.000 -999. 40. 10.5 0.0180 0.83 1.00 1.04 241.0 10.0 282.0 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
18 1 30 30 6 -12.7 0.146 -9.000 -9.000 -999. 133. 23.3 0.0210 0.83 1.00 2.44 223.0 10.0 280.9 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
18 1 30 30 7 -4.1 0.081 -9.000 -9.000 -999. 57. 11.9 0.0180 0.83 1.00 1.43 267.0 10.0 280.9 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
18 1 30 30 8 -4.4 0.086 -9.000 -9.000 -999. 60. 13.1 0.0240 0.83 0.63 1.45 59.0 10.0 281.4 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
18 1 30 30 9 12.5 0.087 0.276 0.027 61. 61. -4.8 0.0270 0.83 0.33 0.96 357.0 10.0 282.5 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
18 1 30 30 10 61.8 0.173 0.687 0.027 189. 173. -7.6 0.0200 0.83 0.24 2.15 72.0 10.0 286.4 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
18 1 30 30 11 99.6 0.187 0.875 0.024 243. 194. -5.9 0.0230 0.83 0.20 2.20 94.0 10.0 289.9 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
18 1 30 30 12 122.4 0.132 1.027 0.022 320. 115. -1.7 0.0170 0.83 0.19 1.40 183.0 10.0 293.1 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
18 1 30 30 13 128.8 0.130 1.120 0.020 394. 113. -1.6 0.0310 0.83 0.19 1.18 176.0 10.0 295.4 2.0 0
0.00 37. 1013. 0 ADJ-A1 NoSubs
18 1 30 30 14 118.4 0.161 1.145 0.019 457. 155. -3.2 0.0170 0.83 0.19 1.86 188.0 10.0 295.9 2.0 0
0.00 37. 1012. 0 ADJ-A1 NoSubs
18 1 30 30 15 92.1 0.185 1.062 0.017 469. 191. -6.2 0.0180 0.83 0.21 2.30 246.0 10.0 296.4 2.0 0
0.00 31. 1012. 0 ADJ-A1 NoSubs
18 1 30 30 16 50.7 0.163 0.874 0.016 475. 158. -7.7 0.0210 0.83 0.26 2.01 215.0 10.0 295.9 2.0 0
0.00 29. 1011. 0 ADJ-A1 NoSubs
18 1 30 30 17 -0.5 0.133 -9.000 -9.000 -999. 116. 398.9 0.0170 0.83 0.40 2.15 191.0 10.0 292.0 2.0 0
0.00 48. 1011. 0 ADJ-A1 NoSubs
18 1 30 30 18 -10.2 0.133 -9.000 -9.000 -999. 116. 20.6 0.0310 0.83 1.00 2.10 166.0 10.0 285.9 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
18 1 30 30 19 -3.4 0.075 -9.000 -9.000 -999. 50. 11.2 0.0180 0.83 1.00 1.30 247.0 10.0 286.4 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
18 1 30 30 20 -6.6 0.105 -9.000 -9.000 -999. 81. 15.6 0.0230 0.83 1.00 1.77 307.0 10.0 285.4 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
18 1 30 30 21 -4.0 0.081 -9.000 -9.000 -999. 56. 12.2 0.0230 0.83 1.00 1.37 326.0 10.0 284.2 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
18 1 30 30 22 -8.4 0.119 -9.000 -9.000 -999. 98. 17.8 0.0230 0.83 1.00 1.99 311.0 10.0 284.2 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
18 1 30 30 23 -7.8 0.113 -9.000 -9.000 -999. 92. 17.0 0.0230 0.83 1.00 1.91 309.0 10.0 283.1 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
18 1 30 30 24 -8.4 0.119 -9.000 -9.000 -999. 98. 17.8 0.0230 0.83 1.00 1.99 315.0 10.0 283.1 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
18 1 31 31 1 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.60 319.0 10.0 282.5 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
18 1 31 31 2 -7.5 0.111 -9.000 -9.000 -999. 89. 16.6 0.0230 0.83 1.00 1.88 300.0 10.0 282.5 2.0 0

0.00 76. 1012. 0 ADJ-A1 NoSubs
18 1 31 31 3 -4.9 0.089 -9.000 -9.000 -999. 63. 12.9 0.0180 0.83 1.00 1.57 281.0 10.0 281.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
18 1 31 31 4 -3.4 0.075 -9.000 -9.000 -999. 49. 11.1 0.0180 0.83 1.00 1.30 270.0 10.0 280.4 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 1 31 31 5 -5.3 0.093 -9.000 -9.000 -999. 68. 13.4 0.0180 0.83 1.00 1.64 276.0 10.0 280.4 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 1 31 31 6 -6.0 0.098 -9.000 -9.000 -999. 74. 14.3 0.0180 0.83 1.00 1.74 274.0 10.0 279.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
18 1 31 31 7 -2.1 0.063 -9.000 -9.000 -999. 38. 10.7 0.0180 0.83 1.00 0.94 299.0 10.0 278.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 1 31 31 8 -3.9 0.081 -9.000 -9.000 -999. 56. 12.5 0.0230 0.83 0.63 1.38 303.0 10.0 280.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
18 1 31 31 9 13.7 0.091 0.299 0.019 70. 66. -4.9 0.0270 0.83 0.33 1.01 331.0 10.0 284.2 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
18 1 31 31 10 63.2 0.108 0.620 0.015 136. 85. -1.8 0.0230 0.83 0.24 1.08 96.0 10.0 287.5 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 1 31 31 11 100.7 0.101 0.863 0.013 230. 77. -1.0 0.0170 0.83 0.20 0.97 192.0 10.0 289.9 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
18 1 31 31 12 123.6 0.136 1.064 0.011 352. 121. -1.8 0.0280 0.83 0.19 1.30 129.0 10.0 293.1 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
18 1 31 31 13 130.1 0.165 1.184 0.010 461. 161. -3.1 0.0230 0.83 0.19 1.79 112.0 10.0 295.4 2.0 0
0.00 37. 1011. 0 ADJ-A1 NoSubs
18 1 31 31 14 119.9 0.166 1.217 0.008 542. 162. -3.4 0.0280 0.83 0.19 1.74 128.0 10.0 296.4 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
18 1 31 31 15 92.6 0.246 1.153 0.008 596. 294. -14.6 0.0210 0.83 0.21 3.23 212.0 10.0 294.9 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
18 1 31 31 16 51.2 0.222 0.963 0.008 628. 252. -19.3 0.0180 0.83 0.26 3.07 248.0 10.0 294.2 2.0 0
0.00 38. 1010. 0 ADJ-A1 NoSubs
18 1 31 31 17 0.5 0.095 0.200 0.008 627. 82. -167.1 0.0210 0.83 0.39 1.42 229.0 10.0 293.1 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
18 1 31 31 18 -8.6 0.122 -9.000 -9.000 -999. 102. 18.8 0.0310 0.83 1.00 1.94 157.0 10.0 284.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 1 31 31 19 -4.0 0.081 -9.000 -9.000 -999. 55. 11.9 0.0180 0.83 1.00 1.42 243.0 10.0 286.4 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 1 31 31 20 -5.0 0.090 -9.000 -9.000 -999. 65. 13.1 0.0180 0.83 1.00 1.59 274.0 10.0 284.9 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
18 1 31 31 21 -3.4 0.075 -9.000 -9.000 -999. 49. 11.1 0.0180 0.83 1.00 1.30 299.0 10.0 283.8 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 1 31 31 22 -12.1 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.83 1.00 2.37 320.0 10.0 283.8 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
18 1 31 31 23 -11.1 0.137 -9.000 -9.000 -999. 121. 20.8 0.0230 0.83 1.00 2.27 316.0 10.0 283.8 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
18 1 31 31 24 -8.0 0.115 -9.000 -9.000 -999. 94. 17.3 0.0230 0.83 1.00 1.94 306.0 10.0 283.1 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 1 -4.6 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.83 1.00 1.48 325.0 10.0 282.0 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 2 -5.7 0.097 -9.000 -9.000 -999. 73. 14.4 0.0230 0.83 1.00 1.65 300.0 10.0 282.0 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 3 -7.9 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.83 1.00 1.93 320.0 10.0 281.4 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 4 -10.4 0.132 -9.000 -9.000 -999. 115. 20.0 0.0230 0.83 1.00 2.20 324.0 10.0 281.4 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 5 -7.4 0.111 -9.000 -9.000 -999. 89. 16.5 0.0230 0.83 1.00 1.87 320.0 10.0 282.0 2.0 0

0.00 73. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 6 -7.8 0.113 -9.000 -9.000 -999. 92. 16.9 0.0230 0.83 1.00 1.91 316.0 10.0 282.0 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 7 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0270 0.83 1.00 1.28 350.0 10.0 281.4 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
18 2 1 32 8 -3.1 0.074 -9.000 -9.000 -999. 48. 11.6 0.0230 0.83 0.62 1.23 303.0 10.0 282.5 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
18 2 1 32 9 14.9 0.081 0.326 0.017 84. 55. -3.2 0.0280 0.83 0.33 0.84 129.0 10.0 285.4 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
18 2 1 32 10 64.8 0.150 0.690 0.016 183. 139. -4.7 0.0200 0.83 0.23 1.76 83.0 10.0 289.2 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
18 2 1 32 11 102.7 0.149 0.884 0.013 243. 137. -2.9 0.0200 0.83 0.20 1.64 85.0 10.0 292.0 2.0 0
0.00 42. 1014. 0 ADJ-A1 NoSubs
18 2 1 32 12 125.5 0.149 1.081 0.012 363. 138. -2.4 0.0280 0.83 0.19 1.48 137.0 10.0 294.9 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
18 2 1 32 13 131.6 0.135 1.198 0.011 472. 119. -1.7 0.0170 0.83 0.19 1.43 182.0 10.0 295.9 2.0 0
0.00 33. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 14 121.0 0.192 1.228 0.010 553. 202. -5.3 0.0210 0.83 0.19 2.27 221.0 10.0 295.9 2.0 0
0.00 33. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 15 95.0 0.165 1.171 0.009 611. 161. -4.3 0.0170 0.83 0.21 1.99 198.0 10.0 297.0 2.0 0
0.00 33. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 16 53.0 0.178 0.979 0.009 638. 180. -9.5 0.0170 0.83 0.25 2.33 183.0 10.0 295.4 2.0 0
0.00 40. 1011. 0 ADJ-A1 NoSubs
18 2 1 32 17 1.3 0.110 0.283 0.009 635. 88. -92.7 0.0170 0.83 0.39 1.67 209.0 10.0 292.5 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 18 -2.6 0.068 -9.000 -9.000 -999. 42. 10.6 0.0180 0.83 1.00 1.13 262.0 10.0 290.9 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
18 2 1 32 19 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0230 0.83 1.00 1.52 304.0 10.0 288.8 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
18 2 1 32 20 -6.4 0.103 -9.000 -9.000 -999. 79. 15.4 0.0230 0.83 1.00 1.74 300.0 10.0 287.0 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
18 2 1 32 21 -7.6 0.112 -9.000 -9.000 -999. 90. 16.9 0.0230 0.83 1.00 1.89 321.0 10.0 285.9 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
18 2 1 32 22 -12.2 0.144 -9.000 -9.000 -999. 131. 22.8 0.0230 0.83 1.00 2.38 314.0 10.0 286.4 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
18 2 1 32 23 -9.3 0.124 -9.000 -9.000 -999. 105. 18.8 0.0230 0.83 1.00 2.08 313.0 10.0 284.9 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
18 2 1 32 24 -8.1 0.116 -9.000 -9.000 -999. 95. 17.4 0.0230 0.83 1.00 1.95 320.0 10.0 284.2 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
18 2 2 33 1 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 312.0 10.0 284.2 2.0 0
0.00 71. 1015. 0 ADJ-SFC NoSubs
18 2 2 33 2 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.76 305.0 10.0 283.8 2.0 0
0.00 73. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 3 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.76 323.0 10.0 284.2 2.0 0
0.00 68. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 283.8 2.0 0
0.00 70. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 5 -6.2 0.100 -9.000 -9.000 -999. 76. 14.5 0.0180 0.83 1.00 1.76 249.0 10.0 282.5 2.0 0
0.00 76. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 282.0 2.0 0
0.00 79. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 282.0 2.0 0
0.00 79. 1015. 0 ADJ-SFC NoSubs
18 2 2 33 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.61 0.00 0.0 10.0 283.8 2.0 0

0.00 70. 1015. 0 ADJ-SFC NoSubs
18 2 2 33 9 15.9 0.141 0.260 0.012 40. 127. -15.9 0.0280 0.83 0.33 1.76 145.0 10.0 285.4 2.0 0
0.00 68. 1015. 0 ADJ-SFC NoSubs
18 2 2 33 10 65.8 -9.000 -9.000 -9.000 117. -999. -99999.0 0.0228 0.83 0.23 0.00 0.0 10.0 288.8 2.0 0
0.00 61. 1016. 0 ADJ-SFC NoSubs
18 2 2 33 11 103.9 -9.000 -9.000 -9.000 299. -999. -99999.0 0.0228 0.83 0.20 0.00 0.0 10.0 292.0 2.0 0
0.00 49. 1016. 0 ADJ-SFC NoSubs
18 2 2 33 12 126.3 0.197 1.068 0.007 349. 210. -5.5 0.0200 0.83 0.19 2.36 76.0 10.0 293.8 2.0 0
0.00 48. 1015. 0 ADJ-SFC NoSubs
18 2 2 33 13 132.6 0.169 1.177 0.005 444. 167. -3.3 0.0280 0.83 0.19 1.76 133.0 10.0 295.4 2.0 0
0.00 43. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 14 122.8 0.227 1.303 0.006 652. 260. -8.6 0.0200 0.83 0.19 2.86 76.0 10.0 297.0 2.0 0
0.00 39. 1013. 0 ADJ-SFC NoSubs
18 2 2 33 15 96.3 0.289 1.273 0.008 774. 373. -22.6 0.0230 0.83 0.21 3.86 112.0 10.0 297.0 2.0 0
0.00 40. 1013. 0 ADJ-SFC NoSubs
18 2 2 33 16 55.2 0.184 1.085 0.007 836. 195. -10.2 0.0200 0.83 0.25 2.36 80.0 10.0 297.0 2.0 0
0.00 40. 1013. 0 ADJ-SFC NoSubs
18 2 2 33 17 2.6 0.122 0.393 0.007 828. 103. -62.0 0.0210 0.83 0.38 1.76 218.0 10.0 293.1 2.0 0
0.00 56. 1013. 0 ADJ-SFC NoSubs
18 2 2 33 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 290.9 2.0 0
0.00 59. 1013. 0 ADJ-SFC NoSubs
18 2 2 33 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 289.2 2.0 0
0.00 66. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 288.1 2.0 0
0.00 68. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 287.0 2.0 0
0.00 71. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 22 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.76 320.0 10.0 285.9 2.0 0
0.00 73. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 23 -12.0 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 319.0 10.0 285.4 2.0 0
0.00 74. 1014. 0 ADJ-SFC NoSubs
18 2 2 33 24 -8.4 0.118 -9.000 -9.000 -999. 97. 17.7 0.0230 0.83 1.00 1.98 307.0 10.0 284.2 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
18 2 3 34 1 -12.2 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.83 1.00 2.37 312.0 10.0 283.8 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
18 2 3 34 2 -4.7 0.087 -9.000 -9.000 -999. 62. 12.7 0.0180 0.83 1.00 1.54 294.0 10.0 283.1 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
18 2 3 34 3 -4.2 0.082 -9.000 -9.000 -999. 57. 12.0 0.0180 0.83 1.00 1.45 287.0 10.0 282.5 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
18 2 3 34 4 -3.7 0.077 -9.000 -9.000 -999. 52. 11.4 0.0180 0.83 1.00 1.35 298.0 10.0 280.9 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
18 2 3 34 5 -2.5 0.066 -9.000 -9.000 -999. 41. 10.5 0.0180 0.83 1.00 1.08 298.0 10.0 282.0 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
18 2 3 34 6 -4.1 0.081 -9.000 -9.000 -999. 56. 11.9 0.0180 0.83 1.00 1.43 295.0 10.0 282.5 2.0 0
0.00 83. 1015. 0 ADJ-A1 NoSubs
18 2 3 34 7 -6.7 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.83 1.00 1.77 318.0 10.0 281.4 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
18 2 3 34 8 -5.8 0.100 -9.000 -9.000 -999. 76. 15.5 0.0230 0.83 0.61 1.69 325.0 10.0 283.1 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
18 2 3 34 9 17.4 0.123 0.263 0.010 38. 103. -9.6 0.0230 0.83 0.32 1.52 20.0 10.0 287.0 2.0 0
0.00 63. 1015. 0 ADJ-A1 NoSubs
18 2 3 34 10 67.5 0.180 0.555 0.008 91. 184. -7.9 0.0200 0.83 0.23 2.25 61.0 10.0 290.4 2.0 0
0.00 57. 1015. 0 ADJ-A1 NoSubs
18 2 3 34 11 106.0 0.189 1.088 0.012 441. 198. -5.8 0.0240 0.83 0.20 2.20 46.0 10.0 294.2 2.0 0

0.00 48. 1015. 0 ADJ-A1 NoSubs
18 2 3 34 12 129.1 0.302 1.211 0.011 498. 398. -19.3 0.0200 0.83 0.19 4.09 65.0 10.0 297.0 2.0 0
0.00 36. 1014. 0 ADJ-A1 NoSubs
18 2 3 34 13 135.6 0.291 1.274 0.009 552. 377. -16.5 0.0240 0.83 0.19 3.76 47.0 10.0 298.8 2.0 0
0.00 32. 1014. 0 ADJ-A1 NoSubs
18 2 3 34 14 126.0 0.245 1.338 0.009 687. 291. -10.5 0.0240 0.83 0.19 3.03 33.0 10.0 300.4 2.0 0
0.00 29. 1013. 0 ADJ-A1 NoSubs
18 2 3 34 15 98.5 0.213 1.290 0.010 787. 236. -8.8 0.0230 0.83 0.21 2.61 91.0 10.0 298.8 2.0 0
0.00 36. 1012. 0 ADJ-A1 NoSubs
18 2 3 34 16 56.5 0.226 1.078 0.009 801. 257. -18.4 0.0210 0.83 0.25 3.02 225.0 10.0 297.0 2.0 0
0.00 36. 1012. 0 ADJ-A1 NoSubs
18 2 3 34 17 5.0 0.158 0.482 0.009 802. 152. -70.2 0.0180 0.83 0.38 2.35 264.0 10.0 295.9 2.0 0
0.00 34. 1012. 0 ADJ-A1 NoSubs
18 2 3 34 18 -2.1 0.063 -9.000 -9.000 -999. 44. 10.5 0.0180 0.83 1.00 0.99 274.0 10.0 292.5 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
18 2 3 34 19 -2.2 0.064 -9.000 -9.000 -999. 39. 10.9 0.0230 0.83 1.00 0.96 318.0 10.0 289.9 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
18 2 3 34 20 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0230 0.83 1.00 1.67 305.0 10.0 288.1 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
18 2 3 34 21 -14.5 0.158 -9.000 -9.000 -999. 150. 27.4 0.0230 0.83 1.00 2.59 307.0 10.0 287.0 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
18 2 3 34 22 -10.4 0.132 -9.000 -9.000 -999. 115. 20.2 0.0230 0.83 1.00 2.20 329.0 10.0 286.4 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
18 2 3 34 23 -9.9 0.129 -9.000 -9.000 -999. 111. 19.6 0.0230 0.83 1.00 2.15 310.0 10.0 285.9 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
18 2 3 34 24 -10.6 0.134 -9.000 -9.000 -999. 117. 20.4 0.0230 0.83 1.00 2.22 312.0 10.0 285.9 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 2 4 35 1 -10.0 0.130 -9.000 -9.000 -999. 112. 19.6 0.0230 0.83 1.00 2.16 307.0 10.0 284.2 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
18 2 4 35 2 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0230 0.83 1.00 1.52 327.0 10.0 285.4 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
18 2 4 35 3 -3.0 0.072 -9.000 -9.000 -999. 46. 11.2 0.0240 0.83 1.00 1.16 43.0 10.0 284.9 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
18 2 4 35 4 -2.4 0.065 -9.000 -9.000 -999. 40. 10.4 0.0170 0.83 1.00 1.06 200.0 10.0 284.2 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
18 2 4 35 5 -2.4 0.065 -9.000 -9.000 -999. 40. 10.5 0.0180 0.83 1.00 1.04 279.0 10.0 283.1 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
18 2 4 35 6 -4.1 0.081 -9.000 -9.000 -999. 56. 11.9 0.0180 0.83 1.00 1.43 256.0 10.0 283.1 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
18 2 4 35 7 -2.2 0.064 -9.000 -9.000 -999. 39. 10.5 0.0180 0.83 1.00 0.99 290.0 10.0 282.0 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
18 2 4 35 8 -4.3 0.086 -9.000 -9.000 -999. 60. 13.2 0.0180 0.83 0.60 1.52 290.0 10.0 283.8 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
18 2 4 35 9 18.9 0.132 0.285 0.008 44. 115. -10.9 0.0230 0.83 0.32 1.65 28.0 10.0 288.8 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
18 2 4 35 10 69.0 0.164 0.597 0.007 111. 160. -5.8 0.0240 0.83 0.23 1.91 57.0 10.0 291.4 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
18 2 4 35 11 107.2 0.113 1.104 0.008 454. 92. -1.2 0.0230 0.83 0.20 1.06 107.0 10.0 294.2 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
18 2 4 35 12 129.5 0.143 1.228 0.006 517. 129. -2.0 0.0230 0.83 0.19 1.45 105.0 10.0 295.4 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
18 2 4 35 13 136.0 0.113 1.295 0.005 577. 91. -1.0 0.0280 0.83 0.19 0.96 133.0 10.0 297.0 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
18 2 4 35 14 125.7 0.126 1.418 0.009 820. 107. -1.4 0.0230 0.83 0.19 1.21 110.0 10.0 297.5 2.0 0

0.00 41. 1011. 0 ADJ-A1 NoSubs
18 2 4 35 15 99.6 0.155 1.356 0.009 903. 147. -3.4 0.0310 0.83 0.21 1.59 172.0 10.0 298.1 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
18 2 4 35 16 57.8 0.146 1.148 0.009 944. 134. -4.9 0.0170 0.83 0.25 1.79 189.0 10.0 297.0 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
18 2 4 35 17 5.9 0.105 0.536 0.009 945. 81. -17.6 0.0170 0.83 0.37 1.45 188.0 10.0 295.4 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
18 2 4 35 18 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0230 0.83 1.00 1.33 13.0 10.0 294.2 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
18 2 4 35 19 -12.0 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.83 1.00 2.37 314.0 10.0 290.9 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 2 4 35 20 -7.7 0.113 -9.000 -9.000 -999. 92. 17.2 0.0230 0.83 1.00 1.91 305.0 10.0 288.8 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 2 4 35 21 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0230 0.83 1.00 1.52 300.0 10.0 288.1 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 2 4 35 22 -9.4 0.126 -9.000 -9.000 -999. 107. 19.1 0.0230 0.83 1.00 2.10 307.0 10.0 287.0 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 2 4 35 23 -11.7 0.141 -9.000 -9.000 -999. 127. 21.8 0.0230 0.83 1.00 2.33 314.0 10.0 285.9 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
18 2 4 35 24 -8.1 0.115 -9.000 -9.000 -999. 94. 17.0 0.0180 0.83 1.00 2.01 281.0 10.0 285.4 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 2 5 36 1 -4.9 0.091 -9.000 -9.000 -999. 66. 13.7 0.0270 0.83 1.00 1.50 346.0 10.0 285.4 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
18 2 5 36 2 -4.5 0.085 -9.000 -9.000 -999. 59. 12.4 0.0180 0.83 1.00 1.50 291.0 10.0 283.1 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
18 2 5 36 3 -2.5 0.067 -9.000 -9.000 -999. 41. 10.5 0.0180 0.83 1.00 1.09 278.0 10.0 283.1 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 2 5 36 4 -7.1 0.108 -9.000 -9.000 -999. 85. 15.7 0.0180 0.83 1.00 1.89 281.0 10.0 282.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 2 5 36 5 -3.1 0.072 -9.000 -9.000 -999. 46. 10.8 0.0180 0.83 1.00 1.23 288.0 10.0 281.4 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 2 5 36 6 -5.2 0.092 -9.000 -9.000 -999. 67. 13.7 0.0230 0.83 1.00 1.57 307.0 10.0 283.1 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
18 2 5 36 7 -4.3 0.083 -9.000 -9.000 -999. 58. 12.1 0.0180 0.83 1.00 1.47 266.0 10.0 281.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 2 5 36 8 -3.9 0.081 -9.000 -9.000 -999. 56. 12.5 0.0180 0.83 0.59 1.44 258.0 10.0 282.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 2 5 36 9 19.1 -9.000 -9.000 -9.000 50. -999. -99999.0 0.0228 0.83 0.32 0.00 0.0 10.0 285.9 2.0 0
0.00 71. 1012. 0 ADJ-SFC NoSubs
18 2 5 36 10 69.4 -9.000 -9.000 -9.000 129. -999. -99999.0 0.0228 0.83 0.23 0.00 0.0 10.0 289.2 2.0 0
0.00 61. 1012. 0 ADJ-SFC NoSubs
18 2 5 36 11 107.5 0.166 0.897 0.008 242. 162. -3.8 0.0280 0.83 0.20 1.76 122.0 10.0 292.0 2.0 0
0.00 53. 1012. 0 ADJ-SFC NoSubs
18 2 5 36 12 130.5 -9.000 -9.000 -9.000 338. -999. -99999.0 0.0228 0.83 0.19 0.00 0.0 10.0 294.9 2.0 0
0.00 43. 1011. 0 ADJ-SFC NoSubs
18 2 5 36 13 137.3 -9.000 -9.000 -9.000 561. -999. -99999.0 0.0228 0.83 0.19 0.00 0.0 10.0 297.0 2.0 0
0.00 40. 1010. 0 ADJ-SFC NoSubs
18 2 5 36 14 126.8 0.230 1.409 0.010 794. 264. -8.6 0.0210 0.83 0.19 2.86 236.0 10.0 297.0 2.0 0
0.00 43. 1009. 0 ADJ-SFC NoSubs
18 2 5 36 15 100.6 0.189 1.328 0.010 838. 197. -6.0 0.0170 0.83 0.20 2.36 194.0 10.0 297.5 2.0 0
0.00 42. 1008. 0 ADJ-SFC NoSubs
18 2 5 36 16 58.8 0.230 1.121 0.010 862. 265. -18.7 0.0310 0.83 0.25 2.86 175.0 10.0 296.4 2.0 0
0.00 44. 1008. 0 ADJ-SFC NoSubs
18 2 5 36 17 5.3 0.306 0.502 0.010 859. 406. -484.9 0.0310 0.83 0.37 4.36 173.0 10.0 291.4 2.0 0

0.00 55. 1009. 0 ADJ-SFC NoSubs
18 2 5 36 18 -4.6 0.087 -9.000 -9.000 -999. 135. 12.9 0.0200 0.83 0.76 1.51 81.0 10.0 289.2 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
18 2 5 36 19 -3.2 0.073 -9.000 -9.000 -999. 49. 11.2 0.0210 0.83 1.00 1.23 233.0 10.0 286.4 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 2 5 36 20 -5.9 0.098 -9.000 -9.000 -999. 73. 14.2 0.0170 0.83 1.00 1.74 209.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 2 5 36 21 -4.9 0.089 -9.000 -9.000 -999. 63. 12.9 0.0180 0.83 1.00 1.57 298.0 10.0 283.8 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 2 5 36 22 -9.7 0.128 -9.000 -9.000 -999. 109. 19.3 0.0230 0.83 1.00 2.13 313.0 10.0 283.8 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 2 5 36 23 -3.2 0.073 -9.000 -9.000 -999. 48. 11.0 0.0180 0.83 1.00 1.26 258.0 10.0 283.8 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 2 5 36 24 -7.9 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.83 1.00 1.93 321.0 10.0 283.8 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
18 2 6 37 1 -5.7 0.097 -9.000 -9.000 -999. 73. 14.4 0.0230 0.83 1.00 1.65 315.0 10.0 284.2 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
18 2 6 37 2 -5.9 0.099 -9.000 -9.000 -999. 75. 14.9 0.0270 0.83 1.00 1.64 359.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 2 6 37 3 -9.1 0.123 -9.000 -9.000 -999. 104. 18.5 0.0230 0.83 1.00 2.06 304.0 10.0 283.1 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
18 2 6 37 4 -6.7 0.104 -9.000 -9.000 -999. 81. 15.3 0.0180 0.83 1.00 1.84 295.0 10.0 283.8 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
18 2 6 37 5 -7.5 0.112 -9.000 -9.000 -999. 90. 16.9 0.0270 0.83 1.00 1.84 334.0 10.0 282.0 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
18 2 6 37 6 -9.4 0.126 -9.000 -9.000 -999. 107. 19.0 0.0230 0.83 1.00 2.10 311.0 10.0 283.1 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
18 2 6 37 7 -9.3 0.124 -9.000 -9.000 -999. 105. 18.7 0.0230 0.83 1.00 2.08 323.0 10.0 282.0 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
18 2 6 37 8 -7.6 0.116 -9.000 -9.000 -999. 95. 18.6 0.0230 0.83 0.58 1.94 329.0 10.0 283.1 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
18 2 6 37 9 20.6 0.139 0.312 0.008 53. 124. -11.7 0.0270 0.83 0.31 1.70 350.0 10.0 287.5 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
18 2 6 37 10 71.2 0.146 0.628 0.007 125. 134. -4.0 0.0240 0.83 0.23 1.62 57.0 10.0 290.9 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
18 2 6 37 11 109.2 0.132 0.902 0.005 242. 116. -1.9 0.0200 0.83 0.20 1.38 64.0 10.0 293.1 2.0 0
0.00 43. 1013. 0 ADJ-A1 NoSubs
18 2 6 37 12 132.4 0.114 1.331 0.008 644. 92. -1.0 0.0230 0.83 0.19 1.03 98.0 10.0 295.9 2.0 0
0.00 25. 1012. 0 ADJ-A1 NoSubs
18 2 6 37 13 138.7 0.134 1.470 0.009 827. 117. -1.6 0.0310 0.83 0.19 1.21 165.0 10.0 297.0 2.0 0
0.00 22. 1011. 0 ADJ-A1 NoSubs
18 2 6 37 14 127.6 0.201 1.456 0.008 874. 216. -5.7 0.0230 0.83 0.19 2.35 101.0 10.0 295.9 2.0 0
0.00 34. 1011. 0 ADJ-A1 NoSubs
18 2 6 37 15 102.3 0.193 1.372 0.007 911. 203. -6.3 0.0180 0.83 0.20 2.40 259.0 10.0 298.1 2.0 0
0.00 19. 1010. 0 ADJ-A1 NoSubs
18 2 6 37 16 61.0 0.220 1.164 0.007 932. 248. -15.8 0.0230 0.83 0.24 2.86 12.0 10.0 298.1 2.0 0
0.00 19. 1011. 0 ADJ-A1 NoSubs
18 2 6 37 17 8.7 0.179 0.609 0.007 934. 182. -59.6 0.0240 0.83 0.36 2.52 46.0 10.0 296.4 2.0 0
0.00 22. 1011. 0 ADJ-A1 NoSubs
18 2 6 37 18 -14.3 0.158 -9.000 -9.000 -999. 150. 27.4 0.0240 0.83 0.74 2.57 40.0 10.0 293.8 2.0 0
0.00 25. 1011. 0 ADJ-A1 NoSubs
18 2 6 37 19 -4.7 0.088 -9.000 -9.000 -999. 64. 13.3 0.0230 0.83 1.00 1.50 27.0 10.0 290.4 2.0 0
0.00 36. 1012. 0 ADJ-A1 NoSubs
18 2 6 37 20 -2.9 0.071 -9.000 -9.000 -999. 46. 11.1 0.0230 0.83 1.00 1.16 6.0 10.0 287.5 2.0 0

0.00 48. 1013. 0 ADJ-A1 NoSubs
18 2 6 37 21 -10.4 0.132 -9.000 -9.000 -999. 115. 20.1 0.0230 0.83 1.00 2.20 317.0 10.0 285.4 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
18 2 6 37 22 -14.0 0.154 -9.000 -9.000 -999. 146. 26.3 0.0230 0.83 1.00 2.54 313.0 10.0 285.4 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
18 2 6 37 23 -10.9 0.135 -9.000 -9.000 -999. 120. 20.6 0.0230 0.83 1.00 2.25 319.0 10.0 284.2 2.0 0
0.00 52. 1015. 0 ADJ-A1 NoSubs
18 2 6 37 24 -13.6 0.152 -9.000 -9.000 -999. 142. 25.4 0.0230 0.83 1.00 2.50 313.0 10.0 283.8 2.0 0
0.00 53. 1015. 0 ADJ-A1 NoSubs
18 2 7 38 1 -5.6 0.096 -9.000 -9.000 -999. 72. 14.4 0.0270 0.83 1.00 1.59 343.0 10.0 282.5 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
18 2 7 38 2 -13.1 0.149 -9.000 -9.000 -999. 137. 24.3 0.0230 0.83 1.00 2.45 322.0 10.0 282.5 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
18 2 7 38 3 -6.2 0.101 -9.000 -9.000 -999. 77. 15.2 0.0270 0.83 1.00 1.67 335.0 10.0 282.5 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
18 2 7 38 4 -11.5 0.139 -9.000 -9.000 -999. 124. 21.2 0.0230 0.83 1.00 2.30 328.0 10.0 282.0 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
18 2 7 38 5 -10.6 0.134 -9.000 -9.000 -999. 118. 20.5 0.0270 0.83 1.00 2.17 360.0 10.0 281.4 2.0 0
0.00 62. 1016. 0 ADJ-A1 NoSubs
18 2 7 38 6 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0270 0.83 1.00 1.79 355.0 10.0 282.0 2.0 0
0.00 60. 1016. 0 ADJ-A1 NoSubs
18 2 7 38 7 -7.0 0.107 -9.000 -9.000 -999. 85. 16.2 0.0270 0.83 1.00 1.77 342.0 10.0 282.0 2.0 0
0.00 60. 1017. 0 ADJ-A1 NoSubs
18 2 7 38 8 -4.5 0.088 -9.000 -9.000 -999. 63. 14.0 0.0230 0.83 0.58 1.50 311.0 10.0 282.0 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
18 2 7 38 9 21.2 0.160 0.256 0.005 29. 154. -17.7 0.0200 0.83 0.31 2.16 84.0 10.0 285.9 2.0 0
0.00 52. 1018. 0 ADJ-A1 NoSubs
18 2 7 38 10 71.8 0.138 0.954 0.011 439. 123. -3.3 0.0200 0.83 0.23 1.55 78.0 10.0 289.2 2.0 0
0.00 45. 1018. 0 ADJ-A1 NoSubs
18 2 7 38 11 110.5 0.158 1.242 0.011 630. 151. -3.2 0.0200 0.83 0.20 1.77 88.0 10.0 293.1 2.0 0
0.00 36. 1018. 0 ADJ-A1 NoSubs
18 2 7 38 12 133.7 0.196 1.351 0.010 671. 208. -5.1 0.0200 0.83 0.19 2.33 89.0 10.0 295.9 2.0 0
0.00 32. 1018. 0 ADJ-A1 NoSubs
18 2 7 38 13 140.0 0.160 1.400 0.009 711. 154. -2.7 0.0280 0.83 0.18 1.62 126.0 10.0 297.0 2.0 0
0.00 27. 1017. 0 ADJ-A1 NoSubs
18 2 7 38 14 129.5 0.185 1.400 0.008 769. 190. -4.4 0.0170 0.83 0.19 2.23 188.0 10.0 297.0 2.0 0
0.00 35. 1016. 0 ADJ-A1 NoSubs
18 2 7 38 15 102.0 0.283 1.318 0.007 815. 361. -20.1 0.0210 0.83 0.20 3.81 222.0 10.0 294.9 2.0 0
0.00 37. 1016. 0 ADJ-A1 NoSubs
18 2 7 38 16 60.4 0.189 1.112 0.006 825. 201. -10.2 0.0180 0.83 0.24 2.47 252.0 10.0 294.2 2.0 0
0.00 40. 1016. 0 ADJ-A1 NoSubs
18 2 7 38 17 7.4 0.154 0.553 0.006 825. 146. -45.0 0.0180 0.83 0.36 2.25 257.0 10.0 290.9 2.0 0
0.00 55. 1017. 0 ADJ-A1 NoSubs
18 2 7 38 18 -7.3 0.109 -9.000 -9.000 -999. 86. 16.1 0.0180 0.83 0.73 1.91 247.0 10.0 287.5 2.0 0
0.00 69. 1017. 0 ADJ-A1 NoSubs
18 2 7 38 19 -3.1 0.072 -9.000 -9.000 -999. 47. 11.1 0.0210 0.83 1.00 1.20 211.0 10.0 284.9 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 2 7 38 20 -4.1 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.83 1.00 1.38 118.0 10.0 283.8 2.0 0
0.00 96. 1018. 0 ADJ-A1 NoSubs
18 2 7 38 21 -2.6 0.068 -9.000 -9.000 -999. 43. 11.0 0.0240 0.83 1.00 1.06 33.0 10.0 283.1 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
18 2 7 38 22 -3.4 0.075 -9.000 -9.000 -999. 50. 11.4 0.0230 0.83 1.00 1.25 314.0 10.0 281.4 2.0 0
0.00 96. 1018. 0 ADJ-A1 NoSubs
18 2 7 38 23 -2.6 0.068 -9.000 -9.000 -999. 43. 11.2 0.0270 0.83 1.00 1.04 330.0 10.0 281.4 2.0 0

0.00 92. 1018. 0 ADJ-A1 NoSubs
18 2 7 38 24 -2.0 0.062 -9.000 -9.000 -999. 37. 11.2 0.0230 0.83 1.00 0.87 2.0 10.0 281.4 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
18 2 8 39 1 -6.2 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.83 1.00 1.71 306.0 10.0 282.5 2.0 0
0.00 76. 1017. 0 ADJ-A1 NoSubs
18 2 8 39 2 -4.8 0.088 -9.000 -9.000 -999. 62. 12.7 0.0180 0.83 1.00 1.55 264.0 10.0 281.4 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 2 8 39 3 -6.8 0.104 -9.000 -9.000 -999. 81. 15.3 0.0180 0.83 1.00 1.84 252.0 10.0 282.0 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 2 8 39 4 -7.9 0.113 -9.000 -9.000 -999. 91. 16.6 0.0180 0.83 1.00 1.98 288.0 10.0 282.0 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 2 8 39 5 -4.5 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 305.0 10.0 281.4 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 2 8 39 6 -5.6 0.094 -9.000 -9.000 -999. 70. 13.7 0.0180 0.83 1.00 1.67 291.0 10.0 280.4 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
18 2 8 39 7 -5.2 0.092 -9.000 -9.000 -999. 66. 13.3 0.0180 0.83 1.00 1.62 290.0 10.0 280.4 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 2 8 39 8 -2.5 0.068 -9.000 -9.000 -999. 42. 11.2 0.0230 0.83 0.57 1.11 314.0 10.0 280.9 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
18 2 8 39 9 22.3 0.105 0.392 0.017 97. 81. -4.7 0.0230 0.83 0.31 1.20 321.0 10.0 285.9 2.0 0
0.00 63. 1018. 0 ADJ-A1 NoSubs
18 2 8 39 10 72.7 0.114 0.742 0.014 204. 92. -1.8 0.0230 0.83 0.22 1.14 113.0 10.0 288.1 2.0 0
0.00 61. 1018. 0 ADJ-A1 NoSubs
18 2 8 39 11 111.4 0.105 0.929 0.011 261. 82. -1.0 0.0280 0.83 0.20 0.89 130.0 10.0 292.0 2.0 0
0.00 42. 1017. 0 ADJ-A1 NoSubs
18 2 8 39 12 134.5 0.138 1.063 0.008 324. 124. -1.8 0.0310 0.83 0.19 1.28 153.0 10.0 294.9 2.0 0
0.00 40. 1016. 0 ADJ-A1 NoSubs
18 2 8 39 13 141.6 0.129 1.215 0.007 459. 111. -1.4 0.0310 0.83 0.18 1.14 171.0 10.0 297.5 2.0 0
0.00 32. 1015. 0 ADJ-A1 NoSubs
18 2 8 39 14 132.1 0.130 1.314 0.007 622. 112. -1.5 0.0170 0.83 0.19 1.35 187.0 10.0 299.2 2.0 0
0.00 28. 1013. 0 ADJ-A1 NoSubs
18 2 8 39 15 104.7 0.238 1.277 0.006 720. 278. -11.6 0.0210 0.83 0.20 3.05 236.0 10.0 297.5 2.0 0
0.00 29. 1013. 0 ADJ-A1 NoSubs
18 2 8 39 16 62.8 0.252 1.103 0.006 772. 303. -22.9 0.0180 0.83 0.24 3.52 253.0 10.0 296.4 2.0 0
0.00 27. 1013. 0 ADJ-A1 NoSubs
18 2 8 39 17 10.5 0.140 0.609 0.006 778. 132. -23.6 0.0180 0.83 0.36 1.96 258.0 10.0 295.4 2.0 0
0.00 32. 1013. 0 ADJ-A1 NoSubs
18 2 8 39 18 -9.3 0.126 -9.000 -9.000 -999. 108. 19.5 0.0280 0.83 0.72 2.04 144.0 10.0 288.1 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
18 2 8 39 19 -10.3 0.133 -9.000 -9.000 -999. 117. 20.7 0.0310 0.83 1.00 2.11 165.0 10.0 284.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
18 2 8 39 20 -5.3 0.092 -9.000 -9.000 -999. 68. 13.5 0.0170 0.83 1.00 1.65 208.0 10.0 285.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
18 2 8 39 21 -4.5 0.087 -9.000 -9.000 -999. 61. 13.1 0.0270 0.83 1.00 1.43 333.0 10.0 285.4 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
18 2 8 39 22 -5.2 0.092 -9.000 -9.000 -999. 67. 13.7 0.0230 0.83 1.00 1.57 313.0 10.0 284.9 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
18 2 8 39 23 -7.6 0.112 -9.000 -9.000 -999. 90. 16.8 0.0230 0.83 1.00 1.89 316.0 10.0 283.1 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
18 2 8 39 24 -6.8 0.106 -9.000 -9.000 -999. 83. 15.8 0.0230 0.83 1.00 1.79 309.0 10.0 284.9 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
18 2 9 40 1 -17.5 0.175 -9.000 -9.000 -999. 176. 33.8 0.0230 0.83 1.00 2.86 319.0 10.0 284.9 2.0 0
0.00 65. 1013. 0 ADJ-SFC NoSubs
18 2 9 40 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 283.1 2.0 0

0.00 70. 1013. 0 ADJ-SFC NoSubs
18 2 9 40 3 -6.1 0.100 -9.000 -9.000 -999. 76. 14.5 0.0180 0.83 1.00 1.76 296.0 10.0 283.1 2.0 0
0.00 70. 1013. 0 ADJ-SFC NoSubs
18 2 9 40 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 280.9 2.0 0
0.00 78. 1012. 0 ADJ-SFC NoSubs
18 2 9 40 5 -6.2 0.100 -9.000 -9.000 -999. 76. 14.5 0.0180 0.83 1.00 1.76 271.0 10.0 282.0 2.0 0
0.00 76. 1012. 0 ADJ-SFC NoSubs
18 2 9 40 6 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 308.0 10.0 281.4 2.0 0
0.00 76. 1012. 0 ADJ-SFC NoSubs
18 2 9 40 7 -6.2 0.100 -9.000 -9.000 -999. 76. 14.5 0.0180 0.83 1.00 1.76 246.0 10.0 282.0 2.0 0
0.00 76. 1012. 0 ADJ-SFC NoSubs
18 2 9 40 8 -6.6 0.110 -9.000 -9.000 -999. 88. 18.4 0.0310 0.83 0.56 1.76 177.0 10.0 282.5 2.0 0
0.00 79. 1013. 0 ADJ-SFC NoSubs
18 2 9 40 9 23.3 0.134 0.372 0.018 79. 118. -9.4 0.0170 0.83 0.31 1.76 180.0 10.0 285.4 2.0 0
0.00 68. 1013. 0 ADJ-SFC NoSubs
18 2 9 40 10 74.2 -9.000 -9.000 -9.000 161. -999. -99999.0 0.0228 0.83 0.22 0.00 0.0 10.0 288.8 2.0 0
0.00 56. 1013. 0 ADJ-SFC NoSubs
18 2 9 40 11 112.9 0.169 0.925 0.012 254. 167. -3.9 0.0310 0.83 0.20 1.76 161.0 10.0 292.5 2.0 0
0.00 48. 1012. 0 ADJ-SFC NoSubs
18 2 9 40 12 136.1 -9.000 -9.000 -9.000 333. -999. -99999.0 0.0228 0.83 0.19 0.00 0.0 10.0 295.4 2.0 0
0.00 42. 1012. 0 ADJ-SFC NoSubs
18 2 9 40 13 142.7 -9.000 -9.000 -9.000 422. -999. -99999.0 0.0228 0.83 0.18 0.00 0.0 10.0 297.0 2.0 0
0.00 36. 1011. 0 ADJ-SFC NoSubs
18 2 9 40 14 132.3 0.193 1.258 0.005 543. 203. -4.9 0.0170 0.83 0.19 2.36 206.0 10.0 297.0 2.0 0
0.00 36. 1010. 0 ADJ-SFC NoSubs
18 2 9 40 15 105.2 0.198 1.227 0.007 632. 211. -6.6 0.0228 0.83 0.20 2.36 999.0 10.0 295.9 2.0 0
0.00 37. 1010. 0 ADJ-SFC NoSubs
18 2 9 40 16 63.1 0.160 1.059 0.007 678. 154. -5.8 0.0310 0.83 0.24 1.76 178.0 10.0 294.2 2.0 0
0.00 40. 1009. 0 ADJ-SFC NoSubs
18 2 9 40 17 10.4 0.137 0.582 0.007 682. 122. -22.2 0.0280 0.83 0.35 1.76 122.0 10.0 292.5 2.0 0
0.00 48. 1009. 0 ADJ-SFC NoSubs
18 2 9 40 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.71 0.00 0.0 10.0 287.5 2.0 0
0.00 77. 1009. 0 ADJ-SFC NoSubs
18 2 9 40 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 86. 1010. 0 ADJ-SFC NoSubs
18 2 9 40 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 74. 1010. 0 ADJ-SFC NoSubs
18 2 9 40 21 -10.0 0.130 -9.000 -9.000 -999. 112. 19.7 0.0230 0.83 1.00 2.16 316.0 10.0 285.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
18 2 9 40 22 -6.1 0.101 -9.000 -9.000 -999. 77. 15.2 0.0270 0.83 1.00 1.67 335.0 10.0 283.8 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 2 9 40 23 -4.2 0.082 -9.000 -9.000 -999. 57. 12.0 0.0180 0.83 1.00 1.45 274.0 10.0 284.2 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
18 2 9 40 24 -5.9 0.099 -9.000 -9.000 -999. 75. 14.9 0.0270 0.83 1.00 1.64 344.0 10.0 283.1 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
18 2 10 41 1 -6.2 0.100 -9.000 -9.000 -999. 76. 14.6 0.0180 0.83 1.00 1.77 273.0 10.0 283.1 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 2 10 41 2 -12.5 0.145 -9.000 -9.000 -999. 133. 23.2 0.0230 0.83 1.00 2.40 318.0 10.0 281.4 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
18 2 10 41 3 -8.8 0.121 -9.000 -9.000 -999. 101. 18.1 0.0230 0.83 1.00 2.03 327.0 10.0 280.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 2 10 41 4 -5.7 0.097 -9.000 -9.000 -999. 73. 14.3 0.0230 0.83 1.00 1.65 313.0 10.0 280.9 2.0 0
0.00 88. 1009. 0 ADJ-A1 NoSubs
18 2 10 41 5 -10.7 0.135 -9.000 -9.000 -999. 119. 20.6 0.0270 0.83 1.00 2.18 332.0 10.0 281.4 2.0 0

0.00 85. 1009. 0 ADJ-A1 NoSubs
18 2 10 41 6 -14.1 0.154 -9.000 -9.000 -999. 146. 26.2 0.0230 0.83 1.00 2.54 328.0 10.0 280.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 2 10 41 7 -13.5 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.83 1.00 2.49 323.0 10.0 280.9 2.0 0
0.00 88. 1009. 0 ADJ-A1 NoSubs
18 2 10 41 8 -6.7 0.111 -9.000 -9.000 -999. 89. 18.3 0.0230 0.83 0.55 1.86 320.0 10.0 281.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 2 10 41 9 24.2 0.092 0.442 0.019 128. 67. -2.9 0.0170 0.83 0.30 1.06 182.0 10.0 284.2 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 2 10 41 10 74.9 0.124 0.778 0.017 226. 105. -2.3 0.0280 0.83 0.22 1.23 133.0 10.0 287.0 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
18 2 10 41 11 113.0 0.123 0.997 0.015 316. 104. -1.5 0.0280 0.83 0.19 1.14 127.0 10.0 289.2 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 2 10 41 12 135.5 0.132 1.153 0.013 407. 115. -1.5 0.0170 0.83 0.19 1.38 182.0 10.0 290.9 2.0 0
0.00 55. 1008. 0 ADJ-A1 NoSubs
18 2 10 41 13 141.1 0.243 1.256 0.012 505. 287. -9.1 0.0170 0.83 0.18 3.17 187.0 10.0 290.4 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
18 2 10 41 14 131.1 0.269 1.260 0.010 548. 335. -13.4 0.0310 0.83 0.19 3.24 174.0 10.0 291.4 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
18 2 10 41 15 104.9 0.214 1.192 0.009 580. 238. -8.3 0.0310 0.83 0.20 2.45 167.0 10.0 292.0 2.0 0
0.00 51. 1006. 0 ADJ-A1 NoSubs
18 2 10 41 16 63.9 0.220 1.022 0.009 599. 247. -14.9 0.0310 0.83 0.24 2.67 175.0 10.0 293.1 2.0 0
0.00 48. 1006. 0 ADJ-A1 NoSubs
18 2 10 41 17 12.6 0.184 0.596 0.008 604. 190. -44.7 0.0270 0.83 0.35 2.50 341.0 10.0 294.9 2.0 0
0.00 999. 1006. 0 ADJ-A1 NoSubs
18 2 10 41 18 -9.3 0.124 -9.000 -9.000 -999. 106. 18.6 0.0170 0.83 0.70 2.18 205.0 10.0 287.5 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
18 2 10 41 19 -8.1 0.116 -9.000 -9.000 -999. 95. 17.3 0.0210 0.83 1.00 1.98 219.0 10.0 284.2 2.0 0
0.00 82. 1007. 0 ADJ-A1 NoSubs
18 2 10 41 20 -12.5 0.146 -9.000 -9.000 -999. 133. 23.3 0.0210 0.83 1.00 2.44 222.0 10.0 284.2 2.0 0
0.00 79. 1007. 0 ADJ-A1 NoSubs
18 2 10 41 21 -12.0 0.141 -9.000 -9.000 -999. 127. 21.9 0.0170 0.83 1.00 2.45 198.0 10.0 283.8 2.0 0
0.00 85. 1007. 0 ADJ-A1 NoSubs
18 2 10 41 22 -7.4 0.110 -9.000 -9.000 -999. 87. 16.0 0.0170 0.83 1.00 1.94 201.0 10.0 281.4 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 2 10 41 23 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0310 0.83 1.00 1.76 153.0 10.0 282.0 2.0 0
0.00 85. 1008. 0 ADJ-A1 NoSubs
18 2 10 41 24 -4.3 0.083 -9.000 -9.000 -999. 58. 12.1 0.0180 0.83 1.00 1.47 284.0 10.0 280.9 2.0 0
0.00 78. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 1 -13.0 0.149 -9.000 -9.000 -999. 137. 24.3 0.0230 0.83 1.00 2.45 317.0 10.0 280.9 2.0 0
0.00 73. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 2 -13.6 0.152 -9.000 -9.000 -999. 142. 25.3 0.0230 0.83 1.00 2.50 312.0 10.0 280.4 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 3 -10.4 0.132 -9.000 -9.000 -999. 115. 19.9 0.0230 0.83 1.00 2.20 321.0 10.0 279.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 4 -4.3 0.084 -9.000 -9.000 -999. 59. 12.4 0.0230 0.83 1.00 1.42 306.0 10.0 278.8 2.0 0
0.00 78. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 5 -7.9 0.115 -9.000 -9.000 -999. 94. 17.3 0.0270 0.83 1.00 1.89 359.0 10.0 278.8 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 6 -5.1 0.090 -9.000 -9.000 -999. 65. 13.1 0.0180 0.83 1.00 1.60 292.0 10.0 278.8 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 7 -15.9 0.164 -9.000 -9.000 -999. 160. 29.6 0.0230 0.83 1.00 2.69 302.0 10.0 278.8 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 8 -5.0 0.095 -9.000 -9.000 -999. 71. 15.2 0.0180 0.83 0.55 1.67 274.0 10.0 279.2 2.0 0

0.00 64. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 9 25.0 0.084 0.342 0.009 57. 59. -2.2 0.0180 0.83 0.30 0.92 263.0 10.0 282.5 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 2 11 42 10 75.9 0.168 0.792 0.006 235. 165. -5.6 0.0180 0.83 0.22 2.06 266.0 10.0 285.9 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
18 2 11 42 11 113.9 0.258 1.150 0.008 481. 315. -13.6 0.0180 0.83 0.19 3.46 271.0 10.0 288.1 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
18 2 11 42 12 136.3 0.287 1.384 0.010 701. 369. -15.6 0.0180 0.83 0.18 3.90 241.0 10.0 289.2 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
18 2 11 42 13 141.4 0.315 1.434 0.009 750. 425. -19.9 0.0210 0.83 0.18 4.24 216.0 10.0 287.0 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
18 2 11 42 14 131.5 0.273 1.425 0.009 789. 344. -13.9 0.0170 0.83 0.19 3.71 184.0 10.0 288.8 2.0 0
0.00 46. 1006. 0 ADJ-A1 NoSubs
18 2 11 42 15 104.3 0.369 1.331 0.009 812. 537. -43.1 0.0170 0.83 0.20 5.41 203.0 10.0 286.4 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
18 2 11 42 16 63.1 0.266 1.142 0.011 847. 335. -26.8 0.0210 0.83 0.24 3.66 231.0 10.0 287.0 2.0 0
0.00 68. 1004. 0 ADJ-A1 NoSubs
18 2 11 42 17 10.9 0.281 0.639 0.011 855. 357. -182.3 0.0180 0.83 0.34 4.32 291.0 10.0 287.5 2.0 0
0.00 52. 1005. 0 ADJ-A1 NoSubs
18 2 11 42 18 -28.1 0.288 -9.000 -9.000 -999. 371. 91.4 0.0180 0.83 0.69 4.78 242.0 10.0 284.2 2.0 0
0.00 63. 1005. 0 ADJ-A1 NoSubs
18 2 11 42 19 -27.4 0.276 -9.000 -9.000 -999. 349. 84.0 0.0180 0.83 1.00 4.59 249.0 10.0 283.8 2.0 0
0.00 68. 1005. 0 ADJ-A1 NoSubs
18 2 11 42 20 -18.0 0.181 -9.000 -9.000 -999. 189. 36.2 0.0180 0.83 1.00 3.07 255.0 10.0 283.1 2.0 0
0.00 73. 1006. 0 ADJ-A1 NoSubs
18 2 11 42 21 -10.4 0.132 -9.000 -9.000 -999. 116. 19.8 0.0210 0.83 1.00 2.23 223.0 10.0 282.0 2.0 0
0.00 82. 1006. 0 ADJ-A1 NoSubs
18 2 11 42 22 -19.6 0.197 -9.000 -9.000 -999. 210. 42.7 0.0180 0.83 1.00 3.32 263.0 10.0 282.5 2.0 0
0.00 70. 1006. 0 ADJ-A1 NoSubs
18 2 11 42 23 -5.8 0.097 -9.000 -9.000 -999. 78. 14.1 0.0180 0.83 1.00 1.72 264.0 10.0 280.9 2.0 0
0.00 76. 1006. 0 ADJ-A1 NoSubs
18 2 11 42 24 -7.5 0.111 -9.000 -9.000 -999. 89. 16.5 0.0230 0.83 1.00 1.88 3.0 10.0 279.2 2.0 0
0.00 82. 1006. 0 ADJ-A1 NoSubs
18 2 12 43 1 -7.9 0.115 -9.000 -9.000 -999. 94. 17.3 0.0270 0.83 1.00 1.89 335.0 10.0 278.1 2.0 0
0.00 88. 1006. 0 ADJ-A1 NoSubs
18 2 12 43 2 -10.2 0.131 -9.000 -9.000 -999. 113. 19.6 0.0230 0.83 1.00 2.18 317.0 10.0 277.5 2.0 0
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18 2 12 43 3 -13.0 0.148 -9.000 -9.000 -999. 136. 24.0 0.0230 0.83 1.00 2.44 311.0 10.0 277.5 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 2 12 43 4 -11.3 0.137 -9.000 -9.000 -999. 122. 20.7 0.0230 0.83 1.00 2.28 303.0 10.0 276.4 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 2 12 43 5 -7.0 0.107 -9.000 -9.000 -999. 84. 15.7 0.0230 0.83 1.00 1.81 307.0 10.0 275.9 2.0 0
0.00 95. 1006. 0 ADJ-A1 NoSubs
18 2 12 43 6 -7.6 0.112 -9.000 -9.000 -999. 90. 16.5 0.0230 0.83 1.00 1.89 325.0 10.0 276.4 2.0 0
0.00 92. 1006. 5 ADJ-A1 NoSubs
18 2 12 43 7 -5.0 0.091 -9.000 -9.000 -999. 65. 13.3 0.0230 0.83 1.00 1.54 318.0 10.0 276.4 2.0 0
0.00 92. 1006. 5 ADJ-A1 NoSubs
18 2 12 43 8 -6.9 0.116 -9.000 -9.000 -999. 95. 20.2 0.0230 0.83 0.54 1.93 309.0 10.0 277.0 2.0 0
0.00 92. 1006. 3 ADJ-A1 NoSubs
18 2 12 43 9 32.6 0.123 0.718 0.005 407. 104. -5.2 0.0270 0.83 0.30 1.38 334.0 10.0 280.9 2.0 0
0.00 82. 1007. 5 ADJ-A1 NoSubs
18 2 12 43 10 76.8 0.123 1.299 0.012 1025. 103. -2.2 0.0230 0.83 0.22 1.26 108.0 10.0 284.2 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
18 2 12 43 11 114.5 0.153 1.541 0.012 1151. 143. -2.8 0.0310 0.83 0.19 1.52 151.0 10.0 285.4 2.0 0

0.00 58. 1007. 0 ADJ-A1 NoSubs
18 2 12 43 12 135.7 0.189 1.643 0.011 1174. 198. -4.5 0.0310 0.83 0.18 2.01 160.0 10.0 286.4 2.0 0
0.00 59. 1006. 5 ADJ-A1 NoSubs
18 2 12 43 13 143.0 0.265 1.680 0.010 1191. 327. -11.7 0.0170 0.83 0.18 3.54 192.0 10.0 287.5 2.0 0
0.00 55. 1006. 0 ADJ-A1 NoSubs
18 2 12 43 14 136.8 0.332 1.663 0.009 1207. 460. -24.1 0.0170 0.83 0.19 4.71 203.0 10.0 287.0 2.0 0
0.00 59. 1005. 3 ADJ-A1 NoSubs
18 2 12 43 15 105.8 0.303 1.532 0.009 1220. 400. -23.4 0.0210 0.83 0.20 4.12 212.0 10.0 287.0 2.0 0
0.00 57. 1005. 0 ADJ-A1 NoSubs
18 2 12 43 16 68.6 0.290 1.329 0.008 1228. 374. -31.7 0.0170 0.83 0.23 4.18 196.0 10.0 287.5 2.0 0
0.00 52. 1006. 5 ADJ-A1 NoSubs
18 2 12 43 17 11.8 0.163 0.739 0.008 1229. 167. -33.0 0.0170 0.83 0.34 2.36 208.0 10.0 286.4 2.0 0
0.00 50. 1006. 0 ADJ-SFC NoSubs
18 2 12 43 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.68 0.00 0.0 10.0 286.4 2.0
0 0.00 41. 1006. 0 ADJ-SFC NoSubs
18 2 12 43 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 46. 1007. 0 ADJ-SFC NoSubs
18 2 12 43 20 -12.0 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 300.0 10.0 282.0 2.0 0
0.00 60. 1008. 0 ADJ-SFC NoSubs
18 2 12 43 21 -20.9 0.208 -9.000 -9.000 -999. 227. 47.5 0.0230 0.83 1.00 3.36 322.0 10.0 280.9 2.0 0
0.00 65. 1008. 0 ADJ-SFC NoSubs
18 2 12 43 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 278.8 2.0
0 0.00 72. 1009. 0 ADJ-SFC NoSubs
18 2 12 43 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 277.5 2.0
0 0.00 79. 1009. 0 ADJ-SFC NoSubs
18 2 12 43 24 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.76 315.0 10.0 277.5 2.0 0
0.00 79. 1009. 0 ADJ-SFC NoSubs
18 2 13 44 1 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 324.0 10.0 278.1 2.0 0
0.00 73. 1010. 0 ADJ-SFC NoSubs
18 2 13 44 2 -3.8 0.079 -9.000 -9.000 -999. 54. 11.8 0.0230 0.83 1.00 1.33 308.0 10.0 277.0 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
18 2 13 44 3 -7.1 0.108 -9.000 -9.000 -999. 85. 15.8 0.0230 0.83 1.00 1.82 315.0 10.0 276.4 2.0 0
0.00 78. 1011. 0 ADJ-A1 NoSubs
18 2 13 44 4 -9.2 0.123 -9.000 -9.000 -999. 103. 18.3 0.0230 0.83 1.00 2.06 329.0 10.0 275.9 2.0 0
0.00 78. 1011. 0 ADJ-A1 NoSubs
18 2 13 44 5 -8.4 0.118 -9.000 -9.000 -999. 97. 17.5 0.0230 0.83 1.00 1.98 313.0 10.0 276.4 2.0 0
0.00 78. 1012. 0 ADJ-A1 NoSubs
18 2 13 44 6 -6.0 0.099 -9.000 -9.000 -999. 75. 14.7 0.0270 0.83 1.00 1.64 348.0 10.0 276.4 2.0 0
0.00 78. 1013. 0 ADJ-A1 NoSubs
18 2 13 44 7 -8.5 0.118 -9.000 -9.000 -999. 98. 17.8 0.0270 0.83 1.00 1.94 340.0 10.0 275.9 2.0 0
0.00 78. 1014. 0 ADJ-A1 NoSubs
18 2 13 44 8 -4.4 0.091 -9.000 -9.000 -999. 66. 15.3 0.0270 0.83 0.53 1.50 357.0 10.0 277.5 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
18 2 13 44 9 27.1 0.103 0.625 0.005 325. 80. -3.7 0.0200 0.83 0.29 1.18 68.0 10.0 280.9 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
18 2 13 44 10 78.3 0.194 1.153 0.009 710. 205. -8.5 0.0200 0.83 0.22 2.44 66.0 10.0 284.9 2.0 0
0.00 46. 1015. 0 ADJ-A1 NoSubs
18 2 13 44 11 116.5 0.161 1.354 0.008 772. 156. -3.3 0.0200 0.83 0.19 1.81 85.0 10.0 287.5 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
18 2 13 44 12 139.1 0.241 1.516 0.007 909. 283. -9.1 0.0230 0.83 0.18 2.96 95.0 10.0 289.2 2.0 0
0.00 35. 1015. 0 ADJ-A1 NoSubs
18 2 13 44 13 145.3 0.183 1.596 0.006 1014. 189. -3.8 0.0200 0.83 0.18 2.10 71.0 10.0 290.4 2.0 0
0.00 32. 1014. 0 ADJ-A1 NoSubs
18 2 13 44 14 135.5 0.199 1.583 0.005 1061. 212. -5.2 0.0240 0.83 0.19 2.28 39.0 10.0 292.0 2.0 0

0.00 29. 1014. 0 ADJ-A1 NoSubs
18 2 13 44 15 109.0 0.253 1.486 0.005 1090. 305. -13.4 0.0240 0.83 0.20 3.20 59.0 10.0 292.0 2.0 0
0.00 29. 1014. 0 ADJ-A1 NoSubs
18 2 13 44 16 66.9 0.206 1.267 0.005 1100. 225. -11.8 0.0280 0.83 0.23 2.50 122.0 10.0 290.4 2.0 0
0.00 39. 1014. 0 ADJ-A1 NoSubs
18 2 13 44 17 13.5 0.202 0.744 0.005 1101. 218. -55.4 0.0180 0.83 0.34 2.98 240.0 10.0 288.1 2.0 0
0.00 43. 1014. 0 ADJ-A1 NoSubs
18 2 13 44 18 -7.3 0.110 -9.000 -9.000 -999. 91. 16.5 0.0180 0.83 0.67 1.93 263.0 10.0 287.0 2.0 0
0.00 43. 1014. 0 ADJ-A1 NoSubs
18 2 13 44 19 -3.2 0.073 -9.000 -9.000 -999. 48. 11.3 0.0230 0.83 1.00 1.21 99.0 10.0 284.9 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
18 2 13 44 20 -5.3 0.094 -9.000 -9.000 -999. 69. 14.2 0.0310 0.83 1.00 1.52 163.0 10.0 282.0 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
18 2 13 44 21 -9.2 0.122 -9.000 -9.000 -999. 103. 18.0 0.0180 0.83 1.00 2.13 289.0 10.0 280.9 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
18 2 13 44 22 -7.3 0.109 -9.000 -9.000 -999. 86. 15.9 0.0180 0.83 1.00 1.91 280.0 10.0 280.9 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
18 2 13 44 23 -8.9 0.121 -9.000 -9.000 -999. 101. 18.1 0.0230 0.83 1.00 2.03 324.0 10.0 279.9 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
18 2 13 44 24 -14.5 0.156 -9.000 -9.000 -999. 148. 26.9 0.0230 0.83 1.00 2.57 312.0 10.0 279.9 2.0 0
0.00 70. 1017. 0 ADJ-A1 NoSubs
18 2 14 45 1 -11.0 0.135 -9.000 -9.000 -999. 120. 20.4 0.0230 0.83 1.00 2.25 319.0 10.0 278.8 2.0 0
0.00 75. 1017. 7 ADJ-A1 NoSubs
18 2 14 45 2 -6.7 0.104 -9.000 -9.000 -999. 81. 15.4 0.0230 0.83 1.00 1.77 321.0 10.0 279.2 2.0 0
0.00 73. 1016. 10 ADJ-A1 NoSubs
18 2 14 45 3 -3.9 0.080 -9.000 -9.000 -999. 55. 12.0 0.0230 0.83 1.00 1.35 323.0 10.0 279.9 2.0 0
0.00 70. 1016. 7 ADJ-A1 NoSubs
18 2 14 45 4 -5.4 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.83 1.00 1.59 325.0 10.0 279.2 2.0 0
0.00 75. 1015. 10 ADJ-A1 NoSubs
18 2 14 45 5 -6.1 0.099 -9.000 -9.000 -999. 75. 14.7 0.0230 0.83 1.00 1.69 317.0 10.0 278.8 2.0 0
0.00 78. 1015. 10 ADJ-A1 NoSubs
18 2 14 45 6 -3.0 0.072 -9.000 -9.000 -999. 46. 11.2 0.0240 0.83 1.00 1.16 50.0 10.0 279.9 2.0 0
0.00 67. 1015. 7 ADJ-A1 NoSubs
18 2 14 45 7 -2.5 0.068 -9.000 -9.000 -999. 42. 11.2 0.0270 0.83 1.00 1.01 333.0 10.0 278.1 2.0 0
0.00 79. 1016. 10 ADJ-A1 NoSubs
18 2 14 45 8 -3.1 0.079 -9.000 -9.000 -999. 53. 14.3 0.0180 0.83 0.52 1.40 277.0 10.0 279.2 2.0 0
0.00 75. 1016. 5 ADJ-A1 NoSubs
18 2 14 45 9 34.5 0.104 0.510 0.010 139. 80. -2.9 0.0310 0.83 0.29 1.04 157.0 10.0 282.5 2.0 0
0.00 60. 1016. 3 ADJ-A1 NoSubs
18 2 14 45 10 70.2 0.104 0.791 0.008 255. 81. -1.5 0.0280 0.83 0.22 0.96 126.0 10.0 285.9 2.0 0
0.00 52. 1017. 7 ADJ-A1 NoSubs
18 2 14 45 11 118.1 0.131 1.104 0.005 413. 114. -1.7 0.0310 0.83 0.19 1.21 165.0 10.0 288.1 2.0 0
0.00 48. 1017. 0 ADJ-A1 NoSubs
18 2 14 45 12 140.7 0.215 1.263 0.005 519. 240. -6.4 0.0280 0.83 0.18 2.45 124.0 10.0 289.9 2.0 0
0.00 42. 1016. 0 ADJ-A1 NoSubs
18 2 14 45 13 146.3 0.250 1.406 0.005 689. 301. -9.7 0.0170 0.83 0.18 3.29 205.0 10.0 289.2 2.0 0
0.00 49. 1015. 0 ADJ-A1 NoSubs
18 2 14 45 14 136.3 0.223 1.612 0.005 1113. 252. -7.3 0.0210 0.83 0.18 2.73 231.0 10.0 290.4 2.0 0
0.00 47. 1015. 0 ADJ-A1 NoSubs
18 2 14 45 15 110.2 0.179 1.572 0.005 1277. 182. -4.7 0.0310 0.83 0.20 1.91 156.0 10.0 291.4 2.0 0
0.00 41. 1014. 0 ADJ-A1 NoSubs
18 2 14 45 16 68.2 0.246 1.354 0.005 1316. 293. -19.8 0.0170 0.83 0.23 3.44 193.0 10.0 290.4 2.0 0
0.00 44. 1014. 0 ADJ-A1 NoSubs
18 2 14 45 17 15.5 0.217 0.828 0.005 1326. 243. -59.9 0.0210 0.83 0.33 3.13 228.0 10.0 290.4 2.0 0

0.00 39. 1014. 0 ADJ-A1 NoSubs
18 2 14 45 18 -10.5 0.133 -9.000 -9.000 -999. 119. 20.5 0.0180 0.83 0.66 2.30 278.0 10.0 288.1 2.0 0
0.00 38. 1014. 0 ADJ-A1 NoSubs
18 2 14 45 19 -12.7 0.146 -9.000 -9.000 -999. 133. 23.4 0.0180 0.83 1.00 2.50 270.0 10.0 286.4 2.0 0
0.00 39. 1014. 0 ADJ-A1 NoSubs
18 2 14 45 20 -2.7 0.068 -9.000 -9.000 -999. 45. 10.6 0.0180 0.83 1.00 1.14 297.0 10.0 283.8 2.0 0
0.00 51. 1015. 0 ADJ-A1 NoSubs
18 2 14 45 21 -4.5 0.087 -9.000 -9.000 -999. 61. 13.0 0.0270 0.83 1.00 1.43 357.0 10.0 282.0 2.0 0
0.00 65. 1016. 0 ADJ-A1 NoSubs
18 2 14 45 22 -23.9 0.237 -9.000 -9.000 -999. 277. 61.9 0.0200 0.83 1.00 3.90 63.0 10.0 282.0 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
18 2 14 45 23 -11.7 0.141 -9.000 -9.000 -999. 131. 21.8 0.0270 0.83 1.00 2.27 353.0 10.0 280.4 2.0 0
0.00 76. 1017. 0 ADJ-A1 NoSubs
18 2 14 45 24 -5.9 0.098 -9.000 -9.000 -999. 74. 14.5 0.0230 0.83 1.00 1.67 305.0 10.0 279.2 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 1 -9.9 0.128 -9.000 -9.000 -999. 109. 19.1 0.0230 0.83 1.00 2.13 315.0 10.0 278.8 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 2 -13.1 0.148 -9.000 -9.000 -999. 136. 24.0 0.0230 0.83 1.00 2.44 312.0 10.0 277.5 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 3 -11.8 0.140 -9.000 -9.000 -999. 126. 21.5 0.0230 0.83 1.00 2.32 315.0 10.0 277.0 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 4 -12.1 0.142 -9.000 -9.000 -999. 128. 22.1 0.0230 0.83 1.00 2.35 313.0 10.0 277.0 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 5 -10.9 0.134 -9.000 -9.000 -999. 118. 20.1 0.0230 0.83 1.00 2.23 315.0 10.0 277.0 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 6 -10.4 0.131 -9.000 -9.000 -999. 113. 19.5 0.0230 0.83 1.00 2.18 306.0 10.0 275.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 7 -6.0 0.098 -9.000 -9.000 -999. 74. 14.4 0.0230 0.83 1.00 1.67 314.0 10.0 275.9 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
18 2 15 46 8 -5.2 0.099 -9.000 -9.000 -999. 75. 17.1 0.0230 0.83 0.52 1.67 315.0 10.0 278.1 2.0 0
0.00 85. 1019. 0 ADJ-A1 NoSubs
18 2 15 46 9 29.8 0.103 0.593 0.006 253. 79. -3.3 0.0200 0.83 0.29 1.16 60.0 10.0 281.4 2.0 0
0.00 76. 1019. 0 ADJ-A1 NoSubs
18 2 15 46 10 80.9 0.169 0.961 0.005 399. 167. -5.5 0.0280 0.83 0.22 1.89 146.0 10.0 284.2 2.0 0
0.00 65. 1020. 0 ADJ-A1 NoSubs
18 2 15 46 11 119.0 0.206 1.180 0.005 502. 224. -6.7 0.0310 0.83 0.19 2.30 156.0 10.0 286.4 2.0 0
0.00 54. 1020. 0 ADJ-A1 NoSubs
18 2 15 46 12 141.5 0.186 1.462 0.008 803. 193. -4.1 0.0170 0.83 0.18 2.23 193.0 10.0 288.1 2.0 0
0.00 48. 1019. 0 ADJ-A1 NoSubs
18 2 15 46 13 147.8 0.266 1.590 0.008 990. 330. -11.6 0.0210 0.83 0.18 3.42 236.0 10.0 289.2 2.0 0
0.00 42. 1018. 0 ADJ-A1 NoSubs
18 2 15 46 14 137.3 0.294 1.595 0.007 1074. 382. -16.8 0.0210 0.83 0.18 3.90 232.0 10.0 289.2 2.0 0
0.00 47. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 15 110.7 0.297 1.503 0.006 1112. 388. -21.4 0.0170 0.83 0.20 4.17 208.0 10.0 289.2 2.0 0
0.00 43. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 16 69.2 0.249 1.288 0.005 1121. 299. -20.2 0.0210 0.83 0.23 3.35 210.0 10.0 289.2 2.0 0
0.00 38. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 17 16.1 0.164 0.793 0.005 1122. 162. -24.8 0.0170 0.83 0.33 2.33 193.0 10.0 288.8 2.0 0
0.00 43. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 18 -2.4 0.065 -9.000 -9.000 -999. 47. 10.4 0.0170 0.83 0.65 1.08 189.0 10.0 287.0 2.0 0
0.00 48. 1017. 0 ADJ-A1 NoSubs
18 2 15 46 19 -4.2 0.083 -9.000 -9.000 -999. 57. 12.4 0.0230 0.83 1.00 1.40 307.0 10.0 284.2 2.0 0
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18 2 15 46 20 -10.1 0.130 -9.000 -9.000 -999. 112. 19.6 0.0230 0.83 1.00 2.16 311.0 10.0 282.0 2.0 0

0.00 60. 1019. 0 ADJ-A1 NoSubs
18 2 15 46 21 -8.9 0.120 -9.000 -9.000 -999. 100. 17.8 0.0180 0.83 1.00 2.10 274.0 10.0 282.0 2.0 0
0.00 47. 1020. 0 ADJ-A1 NoSubs
18 2 15 46 22 -11.4 0.136 -9.000 -9.000 -999. 121. 20.4 0.0180 0.83 1.00 2.35 296.0 10.0 280.4 2.0 0
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18 2 15 46 23 -15.4 0.161 -9.000 -9.000 -999. 155. 28.5 0.0230 0.83 1.00 2.64 313.0 10.0 279.9 2.0 0
0.00 52. 1020. 0 ADJ-A1 NoSubs
18 2 15 46 24 -11.3 0.137 -9.000 -9.000 -999. 121. 20.6 0.0230 0.83 1.00 2.27 309.0 10.0 278.8 2.0 0
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18 2 16 47 1 -9.2 0.123 -9.000 -9.000 -999. 103. 18.3 0.0230 0.83 1.00 2.06 305.0 10.0 277.0 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
18 2 16 47 2 -7.2 0.109 -9.000 -9.000 -999. 86. 16.2 0.0270 0.83 1.00 1.79 333.0 10.0 276.4 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
18 2 16 47 3 -5.7 0.096 -9.000 -9.000 -999. 71. 14.3 0.0270 0.83 1.00 1.59 350.0 10.0 276.4 2.0 0
0.00 67. 1020. 0 ADJ-A1 NoSubs
18 2 16 47 4 -8.5 0.118 -9.000 -9.000 -999. 97. 17.5 0.0230 0.83 1.00 1.98 305.0 10.0 276.4 2.0 0
0.00 64. 1018. 0 ADJ-A1 NoSubs
18 2 16 47 5 -3.7 0.078 -9.000 -9.000 -999. 53. 11.7 0.0230 0.83 1.00 1.31 308.0 10.0 275.4 2.0 0
0.00 72. 1018. 0 ADJ-A1 NoSubs
18 2 16 47 6 -7.0 0.106 -9.000 -9.000 -999. 82. 15.2 0.0180 0.83 1.00 1.86 297.0 10.0 275.9 2.0 0
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18 2 16 47 7 -4.2 0.083 -9.000 -9.000 -999. 58. 12.4 0.0270 0.83 1.00 1.37 331.0 10.0 275.4 2.0 0
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18 2 16 47 8 -1.3 0.054 -9.000 -9.000 -999. 30. 10.6 0.0180 0.83 0.51 0.82 282.0 10.0 277.0 2.0 0
0.00 69. 1020. 0 ADJ-A1 NoSubs
18 2 16 47 9 31.1 0.158 0.416 0.010 84. 151. -11.5 0.0230 0.83 0.29 1.99 90.0 10.0 280.9 2.0 0
0.00 49. 1020. 0 ADJ-A1 NoSubs
18 2 16 47 10 82.3 0.195 0.775 0.008 205. 206. -8.2 0.0230 0.83 0.21 2.37 111.0 10.0 284.2 2.0 0
0.00 44. 1020. 0 ADJ-A1 NoSubs
18 2 16 47 11 120.4 0.173 1.012 0.005 313. 172. -3.9 0.0280 0.83 0.19 1.84 121.0 10.0 286.4 2.0 0
0.00 38. 1019. 0 ADJ-A1 NoSubs
18 2 16 47 12 143.3 0.156 1.250 0.005 495. 148. -2.4 0.0310 0.83 0.18 1.52 155.0 10.0 289.2 2.0 0
0.00 34. 1018. 0 ADJ-A1 NoSubs
18 2 16 47 13 150.0 0.209 1.565 0.007 928. 229. -5.5 0.0170 0.83 0.18 2.59 193.0 10.0 291.4 2.0 0
0.00 31. 1017. 0 ADJ-A1 NoSubs
18 2 16 47 14 138.9 0.325 1.554 0.008 980. 444. -22.3 0.0180 0.83 0.18 4.53 246.0 10.0 289.9 2.0 0
0.00 40. 1016. 0 ADJ-A1 NoSubs
18 2 16 47 15 112.5 0.261 1.463 0.008 1009. 321. -14.3 0.0180 0.83 0.19 3.51 243.0 10.0 290.4 2.0 0
0.00 42. 1015. 0 ADJ-A1 NoSubs
18 2 16 47 16 70.8 0.222 1.261 0.008 1026. 252. -14.0 0.0210 0.83 0.23 2.90 225.0 10.0 289.9 2.0 0
0.00 47. 1015. 0 ADJ-A1 NoSubs
18 2 16 47 17 17.1 0.143 0.787 0.008 1028. 132. -15.4 0.0170 0.83 0.32 1.96 185.0 10.0 288.1 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
18 2 16 47 18 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0280 0.83 0.64 1.62 137.0 10.0 285.4 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
18 2 16 47 19 -4.4 0.085 -9.000 -9.000 -999. 60. 12.9 0.0280 0.83 1.00 1.40 132.0 10.0 282.5 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 2 16 47 20 -2.1 0.063 -9.000 -9.000 -999. 38. 10.9 0.0210 0.83 1.00 0.92 214.0 10.0 281.4 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 2 16 47 21 -6.3 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.83 1.00 1.72 302.0 10.0 281.4 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
18 2 16 47 22 -12.8 0.147 -9.000 -9.000 -999. 135. 23.6 0.0230 0.83 1.00 2.42 308.0 10.0 280.9 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
18 2 16 47 23 -5.8 0.097 -9.000 -9.000 -999. 73. 14.3 0.0230 0.83 1.00 1.65 318.0 10.0 278.1 2.0 0

0.00 79. 1016. 0 ADJ-A1 NoSubs
18 2 16 47 24 -3.8 0.079 -9.000 -9.000 -999. 53. 11.5 0.0180 0.83 1.00 1.38 293.0 10.0 279.9 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
18 2 17 48 1 -6.5 0.103 -9.000 -9.000 -999. 79. 15.1 0.0230 0.83 1.00 1.74 300.0 10.0 278.8 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
18 2 17 48 2 -5.6 0.094 -9.000 -9.000 -999. 70. 13.7 0.0180 0.83 1.00 1.67 288.0 10.0 279.9 2.0 0
0.00 62. 1016. 0 ADJ-A1 NoSubs
18 2 17 48 3 -4.1 0.081 -9.000 -9.000 -999. 56. 11.8 0.0180 0.83 1.00 1.43 286.0 10.0 278.1 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
18 2 17 48 4 -4.1 0.082 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.38 28.0 10.0 277.0 2.0 0
0.00 75. 1016. 0 ADJ-A1 NoSubs
18 2 17 48 5 -5.1 0.090 -9.000 -9.000 -999. 65. 13.0 0.0180 0.83 1.00 1.60 299.0 10.0 277.0 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
18 2 17 48 6 -5.1 0.091 -9.000 -9.000 -999. 66. 13.3 0.0230 0.83 1.00 1.55 301.0 10.0 275.9 2.0 0
0.00 81. 1015. 0 ADJ-A1 NoSubs
18 2 17 48 7 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.76 319.0 10.0 277.0 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
18 2 17 48 8 -2.0 0.064 -9.000 -9.000 -999. 39. 11.7 0.0270 0.83 0.50 1.03 335.0 10.0 280.4 2.0 0
0.00 60. 1016. 0 ADJ-A1 NoSubs
18 2 17 48 9 32.6 0.141 0.450 0.016 101. 127. -7.8 0.0200 0.83 0.28 1.76 79.0 10.0 282.0 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
18 2 17 48 10 84.2 0.141 0.780 0.013 204. 127. -3.0 0.0230 0.83 0.21 1.52 107.0 10.0 285.9 2.0 0
0.00 44. 1016. 0 ADJ-A1 NoSubs
18 2 17 48 11 122.8 0.133 1.009 0.009 303. 116. -1.7 0.0280 0.83 0.19 1.25 136.0 10.0 289.2 2.0 0
0.00 38. 1016. 0 ADJ-A1 NoSubs
18 2 17 48 12 145.9 0.147 1.221 0.007 452. 135. -2.0 0.0310 0.83 0.18 1.38 157.0 10.0 292.0 2.0 0
0.00 29. 1015. 0 ADJ-A1 NoSubs
18 2 17 48 13 152.1 0.178 1.290 0.006 511. 180. -3.4 0.0310 0.83 0.18 1.82 155.0 10.0 293.1 2.0 0
0.00 32. 1014. 0 ADJ-A1 NoSubs
18 2 17 48 14 141.2 0.290 1.297 0.005 559. 375. -15.6 0.0170 0.83 0.18 3.98 209.0 10.0 292.0 2.0 0
0.00 29. 1013. 0 ADJ-A1 NoSubs
18 2 17 48 15 114.2 0.281 1.431 0.009 927. 357. -17.5 0.0180 0.83 0.19 3.85 246.0 10.0 290.9 2.0 0
0.00 37. 1013. 0 ADJ-A1 NoSubs
18 2 17 48 16 72.1 0.240 1.239 0.009 953. 283. -17.4 0.0210 0.83 0.23 3.20 238.0 10.0 289.9 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
18 2 17 48 17 18.0 0.161 0.781 0.008 956. 158. -21.0 0.0210 0.83 0.32 2.18 220.0 10.0 287.0 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
18 2 17 48 18 -10.6 0.137 -9.000 -9.000 -999. 122. 22.0 0.0280 0.83 0.63 2.20 149.0 10.0 284.9 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 2 17 48 19 -7.5 0.111 -9.000 -9.000 -999. 89. 16.7 0.0230 0.83 1.00 1.88 97.0 10.0 284.2 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
18 2 17 48 20 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.76 90.0 10.0 283.8 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 2 17 48 21 -8.4 0.118 -9.000 -9.000 -999. 97. 17.7 0.0230 0.83 1.00 1.98 329.0 10.0 282.0 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
18 2 17 48 22 -11.4 0.139 -9.000 -9.000 -999. 124. 21.2 0.0230 0.83 1.00 2.30 316.0 10.0 281.4 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
18 2 17 48 23 -13.5 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.83 1.00 2.49 301.0 10.0 281.4 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
18 2 17 48 24 -8.9 0.122 -9.000 -9.000 -999. 102. 18.4 0.0270 0.83 1.00 1.99 335.0 10.0 279.9 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 2 18 49 1 -4.4 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.83 1.00 1.45 321.0 10.0 280.9 2.0 0
0.00 88. 1012. 10 ADJ-A1 NoSubs
18 2 18 49 2 -7.8 0.115 -9.000 -9.000 -999. 93. 17.3 0.0270 0.83 1.00 1.88 331.0 10.0 281.4 2.0 0

0.00 92. 1011. 10 ADJ-A1 NoSubs
18 2 18 49 3 -6.7 0.106 -9.000 -9.000 -999. 82. 15.9 0.0270 0.83 1.00 1.74 334.0 10.0 282.5 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 2 18 49 4 -5.5 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.83 1.00 1.62 312.0 10.0 282.5 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 2 18 49 5 -8.0 0.115 -9.000 -9.000 -999. 94. 17.3 0.0230 0.83 1.00 1.94 312.0 10.0 283.1 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 2 18 49 6 -4.9 0.089 -9.000 -9.000 -999. 63. 12.9 0.0180 0.83 1.00 1.57 286.0 10.0 282.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 2 18 49 7 -5.4 0.093 -9.000 -9.000 -999. 68. 13.5 0.0180 0.83 1.00 1.65 258.0 10.0 281.4 2.0 0
0.00 85. 1011. 7 ADJ-A1 NoSubs
18 2 18 49 8 -5.2 0.099 -9.000 -9.000 -999. 75. 16.8 0.0230 0.83 0.49 1.67 317.0 10.0 282.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 2 18 49 9 34.7 0.121 0.885 0.021 721. 101. -4.6 0.0230 0.83 0.28 1.38 6.0 10.0 284.9 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
18 2 18 49 10 90.8 0.174 1.262 0.021 799. 175. -5.3 0.0310 0.83 0.21 1.89 162.0 10.0 285.9 2.0 0
0.00 68. 1011. 3 ADJ-A1 NoSubs
18 2 18 49 11 104.3 0.287 1.337 0.020 827. 369. -20.4 0.0170 0.83 0.19 4.02 204.0 10.0 287.5 2.0 0
0.00 66. 1011. 7 ADJ-A1 NoSubs
18 2 18 49 12 121.8 0.343 1.420 0.019 849. 482. -29.8 0.0180 0.83 0.18 4.88 255.0 10.0 288.8 2.0 0
0.00 52. 1011. 7 ADJ-A1 NoSubs
18 2 18 49 13 151.9 0.397 1.541 0.018 868. 599. -37.0 0.0180 0.83 0.18 5.72 251.0 10.0 288.8 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
18 2 18 49 14 141.2 0.421 1.510 0.017 878. 656. -47.7 0.0180 0.83 0.18 6.16 247.0 10.0 288.1 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
18 2 18 49 15 114.2 0.465 1.411 0.016 886. 761. -79.2 0.0180 0.83 0.19 6.96 250.0 10.0 287.0 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
18 2 18 49 16 72.0 0.492 1.212 0.015 891. 827. -148.6 0.0180 0.83 0.22 7.52 267.0 10.0 285.4 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
18 2 18 49 17 22.3 0.386 0.821 0.015 892. 585. -232.9 0.0180 0.83 0.32 5.97 269.0 10.0 284.2 2.0 0
0.00 54. 1009. 7 ADJ-A1 NoSubs
18 2 18 49 18 -29.0 0.318 -9.000 -9.000 -999. 433. 111.0 0.0180 0.83 0.62 5.24 263.0 10.0 281.4 2.0 0
0.00 70. 1009. 3 ADJ-A1 NoSubs
18 2 18 49 19 -25.4 0.253 -9.000 -9.000 -999. 307. 70.5 0.0180 0.83 1.00 4.22 257.0 10.0 280.9 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 2 18 49 20 -23.5 0.234 -9.000 -9.000 -999. 271. 60.1 0.0180 0.83 1.00 3.91 256.0 10.0 280.9 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 2 18 49 21 -12.0 0.141 -9.000 -9.000 -999. 130. 21.7 0.0180 0.83 1.00 2.42 267.0 10.0 280.4 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 2 18 49 22 -8.6 0.118 -9.000 -9.000 -999. 97. 17.3 0.0180 0.83 1.00 2.06 249.0 10.0 278.8 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
18 2 18 49 23 -10.1 0.129 -9.000 -9.000 -999. 111. 18.9 0.0180 0.83 1.00 2.23 255.0 10.0 278.1 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
18 2 18 49 24 -16.1 0.164 -9.000 -9.000 -999. 159. 29.5 0.0180 0.83 1.00 2.79 245.0 10.0 277.5 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 2 19 50 1 -9.5 0.124 -9.000 -9.000 -999. 105. 18.2 0.0180 0.83 1.00 2.16 269.0 10.0 278.8 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 2 19 50 2 -14.1 0.153 -9.000 -9.000 -999. 144. 25.8 0.0210 0.83 1.00 2.56 237.0 10.0 277.0 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
18 2 19 50 3 -7.2 0.107 -9.000 -9.000 -999. 85. 15.5 0.0180 0.83 1.00 1.89 245.0 10.0 275.4 2.0 0
0.00 78. 1010. 0 ADJ-A1 NoSubs
18 2 19 50 4 -3.0 0.072 -9.000 -9.000 -999. 46. 11.1 0.0230 0.83 1.00 1.16 307.0 10.0 275.9 2.0 0
0.00 78. 1010. 0 ADJ-A1 NoSubs
18 2 19 50 5 -3.2 0.073 -9.000 -9.000 -999. 47. 10.8 0.0180 0.83 1.00 1.25 290.0 10.0 273.8 2.0 0

0.00 84. 1009. 0 ADJ-A1 NoSubs
18 2 19 50 6 -5.1 0.091 -9.000 -9.000 -999. 65. 13.2 0.0230 0.83 1.00 1.54 308.0 10.0 273.8 2.0 0
0.00 81. 1009. 5 ADJ-A1 NoSubs
18 2 19 50 7 -5.8 0.097 -9.000 -9.000 -999. 73. 14.2 0.0230 0.83 1.00 1.65 7.0 10.0 274.2 2.0 0
0.00 85. 1009. 7 ADJ-A1 NoSubs
18 2 19 50 8 -5.9 0.111 -9.000 -9.000 -999. 88. 20.6 0.0230 0.83 0.48 1.84 328.0 10.0 275.9 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
18 2 19 50 9 35.1 0.116 0.901 0.005 751. 95. -4.0 0.0230 0.83 0.28 1.30 310.0 10.0 280.4 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 2 19 50 10 86.2 0.278 1.280 0.005 879. 352. -22.5 0.0180 0.83 0.21 3.88 289.0 10.0 282.0 2.0 0
0.00 43. 1011. 0 ADJ-A1 NoSubs
18 2 19 50 11 124.0 0.326 1.499 0.005 980. 446. -25.1 0.0180 0.83 0.19 4.58 289.0 10.0 283.8 2.0 0
0.00 35. 1011. 0 ADJ-A1 NoSubs
18 2 19 50 12 146.2 0.212 1.614 0.005 1039. 240. -5.8 0.0180 0.83 0.18 2.61 299.0 10.0 284.2 2.0 0
0.00 34. 1011. 0 ADJ-A1 NoSubs
18 2 19 50 13 152.3 0.357 1.751 0.005 1272. 512. -27.0 0.0180 0.83 0.18 5.05 273.0 10.0 285.4 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
18 2 19 50 14 141.9 0.338 1.882 0.005 1696. 472. -24.5 0.0180 0.83 0.18 4.75 259.0 10.0 285.9 2.0 0
0.00 33. 1010. 0 ADJ-A1 NoSubs
18 2 19 50 15 115.3 0.311 1.792 0.005 1802. 417. -23.6 0.0180 0.83 0.19 4.36 289.0 10.0 285.9 2.0 0
0.00 24. 1010. 0 ADJ-A1 NoSubs
18 2 19 50 16 73.0 0.293 1.546 0.005 1827. 381. -31.0 0.0230 0.83 0.22 4.00 311.0 10.0 283.8 2.0 0
0.00 28. 1011. 0 ADJ-A1 NoSubs
18 2 19 50 17 19.5 0.210 0.997 0.005 1835. 234. -43.0 0.0230 0.83 0.31 2.93 304.0 10.0 283.8 2.0 0
0.00 35. 1011. 0 ADJ-A1 NoSubs
18 2 19 50 18 -14.9 0.161 -9.000 -9.000 -999. 156. 28.6 0.0180 0.83 0.61 2.74 280.0 10.0 281.4 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
18 2 19 50 19 -20.5 0.203 -9.000 -9.000 -999. 220. 45.4 0.0180 0.83 1.00 3.42 280.0 10.0 280.4 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
18 2 19 50 20 -5.9 0.097 -9.000 -9.000 -999. 79. 14.1 0.0180 0.83 1.00 1.72 293.0 10.0 279.2 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 2 19 50 21 -3.7 0.078 -9.000 -9.000 -999. 53. 11.6 0.0210 0.83 1.00 1.33 232.0 10.0 277.5 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
18 2 19 50 22 -6.6 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.76 319.0 10.0 276.4 2.0 0
0.00 75. 1014. 0 ADJ-A1 NoSubs
18 2 19 50 23 -3.4 0.076 -9.000 -9.000 -999. 50. 11.6 0.0270 0.83 1.00 1.21 334.0 10.0 275.4 2.0 0
0.00 78. 1015. 0 ADJ-A1 NoSubs
18 2 19 50 24 -4.7 0.087 -9.000 -9.000 -999. 62. 12.8 0.0230 0.83 1.00 1.48 307.0 10.0 274.9 2.0 0
0.00 78. 1015. 0 ADJ-A1 NoSubs
18 2 20 51 1 -7.1 0.108 -9.000 -9.000 -999. 85. 15.8 0.0230 0.83 1.00 1.82 301.0 10.0 274.2 2.0 0
0.00 81. 1015. 0 ADJ-A1 NoSubs
18 2 20 51 2 -13.1 0.147 -9.000 -9.000 -999. 135. 23.8 0.0230 0.83 1.00 2.43 313.0 10.0 274.2 2.0 0
0.00 81. 1016. 0 ADJ-A1 NoSubs
18 2 20 51 3 -12.4 0.143 -9.000 -9.000 -999. 130. 22.5 0.0230 0.83 1.00 2.37 316.0 10.0 273.8 2.0 0
0.00 81. 1016. 0 ADJ-A1 NoSubs
18 2 20 51 4 -7.9 0.113 -9.000 -9.000 -999. 91. 16.6 0.0230 0.83 1.00 1.91 328.0 10.0 273.1 2.0 0
0.00 81. 1016. 0 ADJ-A1 NoSubs
18 2 20 51 5 -5.5 0.095 -9.000 -9.000 -999. 70. 14.0 0.0270 0.83 1.00 1.57 347.0 10.0 272.5 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 2 20 51 6 -10.0 0.127 -9.000 -9.000 -999. 109. 18.9 0.0230 0.83 1.00 2.13 315.0 10.0 272.5 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
18 2 20 51 7 -11.9 0.140 -9.000 -9.000 -999. 125. 21.5 0.0230 0.83 1.00 2.32 306.0 10.0 272.5 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
18 2 20 51 8 -4.3 0.095 -9.000 -9.000 -999. 70. 17.9 0.0270 0.83 0.48 1.55 336.0 10.0 274.2 2.0 0

0.00 75. 1018. 0 ADJ-A1 NoSubs
18 2 20 51 9 36.0 0.108 0.595 0.006 212. 85. -3.2 0.0200 0.83 0.27 1.21 71.0 10.0 277.5 2.0 0
0.00 69. 1019. 0 ADJ-A1 NoSubs
18 2 20 51 10 87.3 0.135 0.977 0.005 388. 119. -2.6 0.0230 0.83 0.21 1.42 115.0 10.0 280.4 2.0 0
0.00 60. 1019. 0 ADJ-A1 NoSubs
18 2 20 51 11 124.9 0.172 1.247 0.005 565. 171. -3.7 0.0280 0.83 0.19 1.82 126.0 10.0 282.5 2.0 0
0.00 45. 1018. 5 ADJ-A1 NoSubs
18 2 20 51 12 145.6 0.222 1.422 0.005 718. 250. -6.8 0.0170 0.83 0.18 2.81 186.0 10.0 283.8 2.0 0
0.00 40. 1018. 5 ADJ-A1 NoSubs
18 2 20 51 13 153.4 0.327 1.883 0.005 1583. 450. -20.8 0.0210 0.83 0.18 4.42 221.0 10.0 284.2 2.0 0
0.00 48. 1017. 0 ADJ-A1 NoSubs
18 2 20 51 14 142.8 0.362 1.886 0.005 1706. 523. -30.2 0.0210 0.83 0.18 5.02 224.0 10.0 284.2 2.0 0
0.00 52. 1017. 0 ADJ-A1 NoSubs
18 2 20 51 15 115.9 0.387 1.781 0.005 1771. 579. -45.5 0.0210 0.83 0.19 5.50 235.0 10.0 283.1 2.0 0
0.00 60. 1017. 0 ADJ-A1 NoSubs
18 2 20 51 16 74.2 0.289 1.547 0.005 1812. 379. -29.5 0.0210 0.83 0.22 4.00 233.0 10.0 283.1 2.0 0
0.00 42. 1017. 0 ADJ-A1 NoSubs
18 2 20 51 17 20.3 0.201 1.009 0.005 1834. 220. -36.4 0.0170 0.83 0.31 2.93 200.0 10.0 282.0 2.0 0
0.00 53. 1016. 0 ADJ-A1 NoSubs
18 2 20 51 18 -3.5 0.079 -9.000 -9.000 -999. 66. 13.1 0.0310 0.83 0.60 1.28 158.0 10.0 282.0 2.0 0
0.00 47. 1016. 7 ADJ-A1 NoSubs
18 2 20 51 19 -12.4 0.144 -9.000 -9.000 -999. 132. 22.9 0.0240 0.83 1.00 2.37 47.0 10.0 280.9 2.0 0
0.00 53. 1017. 10 ADJ-A1 NoSubs
18 2 20 51 20 -13.5 0.149 -9.000 -9.000 -999. 139. 24.6 0.0200 0.83 1.00 2.52 69.0 10.0 279.9 2.0 0
0.00 54. 1017. 3 ADJ-A1 NoSubs
18 2 20 51 21 -3.9 0.079 -9.000 -9.000 -999. 55. 11.5 0.0180 0.83 1.00 1.38 278.0 10.0 277.5 2.0 0
0.00 69. 1018. 0 ADJ-A1 NoSubs
18 2 20 51 22 -7.3 0.109 -9.000 -9.000 -999. 86. 16.1 0.0230 0.83 1.00 1.84 314.0 10.0 277.0 2.0 0
0.00 69. 1017. 3 ADJ-A1 NoSubs
18 2 20 51 23 -13.7 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.83 1.00 2.49 307.0 10.0 275.9 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
18 2 20 51 24 -13.7 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.83 1.00 2.49 310.0 10.0 276.4 2.0 0
0.00 69. 1017. 3 ADJ-A1 NoSubs
18 2 21 52 1 -3.5 0.076 -9.000 -9.000 -999. 52. 11.4 0.0230 0.83 1.00 1.26 323.0 10.0 274.9 2.0 0
0.00 75. 1017. 0 ADJ-A1 NoSubs
18 2 21 52 2 -8.1 0.115 -9.000 -9.000 -999. 93. 16.9 0.0230 0.83 1.00 1.93 315.0 10.0 274.9 2.0 0
0.00 75. 1017. 3 ADJ-A1 NoSubs
18 2 21 52 3 -10.1 0.129 -9.000 -9.000 -999. 111. 19.1 0.0230 0.83 1.00 2.15 313.0 10.0 274.2 2.0 0
0.00 78. 1016. 0 ADJ-A1 NoSubs
18 2 21 52 4 -9.1 0.122 -9.000 -9.000 -999. 102. 18.0 0.0230 0.83 1.00 2.04 324.0 10.0 273.8 2.0 0
0.00 81. 1016. 0 ADJ-A1 NoSubs
18 2 21 52 5 -4.5 0.086 -9.000 -9.000 -999. 60. 12.5 0.0230 0.83 1.00 1.45 313.0 10.0 274.9 2.0 0
0.00 78. 1017. 10 ADJ-A1 NoSubs
18 2 21 52 6 -2.0 0.063 -9.000 -9.000 -999. 38. 11.3 0.0230 0.83 1.00 0.86 6.0 10.0 274.2 2.0 0
0.00 81. 1016. 10 ADJ-A1 NoSubs
18 2 21 52 7 -2.3 0.065 -9.000 -9.000 -999. 40. 11.0 0.0230 0.83 1.00 0.96 9.0 10.0 274.9 2.0 0
0.00 75. 1017. 3 ADJ-A1 NoSubs
18 2 21 52 8 -3.8 0.089 -9.000 -9.000 -999. 64. 17.0 0.0200 0.83 0.47 1.54 78.0 10.0 275.9 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
18 2 21 52 9 43.3 0.131 0.666 0.005 247. 114. -4.7 0.0200 0.83 0.27 1.55 62.0 10.0 278.8 2.0 0
0.00 59. 1017. 3 ADJ-A1 NoSubs
18 2 21 52 10 89.0 0.180 1.106 0.005 552. 183. -6.0 0.0200 0.83 0.21 2.18 84.0 10.0 281.4 2.0 0
0.00 55. 1017. 0 ADJ-A1 NoSubs
18 2 21 52 11 127.0 0.155 1.471 0.005 910. 147. -2.7 0.0280 0.83 0.19 1.57 124.0 10.0 283.8 2.0 0

0.00 49. 1017. 0 ADJ-A1 NoSubs
18 2 21 52 12 149.4 0.194 1.623 0.005 1038. 205. -4.4 0.0280 0.83 0.18 2.10 132.0 10.0 285.4 2.0 0
0.00 34. 1017. 0 ADJ-A1 NoSubs
18 2 21 52 13 155.5 0.236 1.757 0.005 1266. 275. -7.7 0.0210 0.83 0.18 2.91 216.0 10.0 286.4 2.0 0
0.00 41. 1016. 0 ADJ-A1 NoSubs
18 2 21 52 14 149.2 0.323 1.790 0.005 1394. 441. -20.5 0.0170 0.83 0.18 4.53 206.0 10.0 286.4 2.0 0
0.00 39. 1016. 3 ADJ-A1 NoSubs
18 2 21 52 15 117.9 0.339 1.724 0.005 1576. 474. -30.0 0.0180 0.83 0.19 4.83 241.0 10.0 285.4 2.0 0
0.00 39. 1016. 0 ADJ-A1 NoSubs
18 2 21 52 16 81.5 0.321 1.530 0.005 1595. 437. -36.8 0.0180 0.83 0.22 4.63 251.0 10.0 285.9 2.0 0
0.00 37. 1016. 3 ADJ-A1 NoSubs
18 2 21 52 17 22.1 0.266 0.991 0.005 1599. 331. -77.4 0.0210 0.83 0.31 3.88 221.0 10.0 284.2 2.0 0
0.00 60. 1015. 0 ADJ-A1 NoSubs
18 2 21 52 18 -18.2 0.203 -9.000 -9.000 -999. 220. 45.1 0.0180 0.83 0.59 3.40 241.0 10.0 282.0 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
18 2 21 52 19 -4.6 0.088 -9.000 -9.000 -999. 71. 13.2 0.0270 0.83 1.00 1.45 359.0 10.0 282.0 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
18 2 21 52 20 -7.4 0.111 -9.000 -9.000 -999. 88. 16.6 0.0270 0.83 1.00 1.82 330.0 10.0 279.9 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
18 2 21 52 21 -7.7 0.112 -9.000 -9.000 -999. 90. 16.6 0.0230 0.83 1.00 1.89 314.0 10.0 278.8 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
18 2 21 52 22 -7.6 0.111 -9.000 -9.000 -999. 89. 16.5 0.0230 0.83 1.00 1.88 316.0 10.0 278.1 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 2 21 52 23 -13.1 0.148 -9.000 -9.000 -999. 136. 24.0 0.0230 0.83 1.00 2.44 311.0 10.0 277.0 2.0 0
0.00 81. 1017. 0 ADJ-A1 NoSubs
18 2 21 52 24 -16.3 0.165 -9.000 -9.000 -999. 162. 30.1 0.0230 0.83 1.00 2.71 310.0 10.0 277.0 2.0 0
0.00 78. 1018. 0 ADJ-A1 NoSubs
18 2 22 53 1 -15.5 0.161 -9.000 -9.000 -999. 155. 28.5 0.0230 0.83 1.00 2.64 316.0 10.0 276.4 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
18 2 22 53 2 -7.1 0.107 -9.000 -9.000 -999. 84. 15.7 0.0230 0.83 1.00 1.81 327.0 10.0 275.9 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
18 2 22 53 3 -8.6 0.118 -9.000 -9.000 -999. 98. 17.5 0.0230 0.83 1.00 1.99 311.0 10.0 275.4 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
18 2 22 53 4 -11.1 0.135 -9.000 -9.000 -999. 119. 20.3 0.0230 0.83 1.00 2.25 321.0 10.0 276.4 2.0 0
0.00 89. 1017. 7 ADJ-A1 NoSubs
18 2 22 53 5 -4.7 0.087 -9.000 -9.000 -999. 62. 12.8 0.0230 0.83 1.00 1.48 302.0 10.0 277.5 2.0 0
0.00 89. 1018. 10 ADJ-A1 NoSubs
18 2 22 53 6 -4.4 0.084 -9.000 -9.000 -999. 58. 12.2 0.0200 0.83 1.00 1.45 74.0 10.0 276.4 2.0 0
0.00 92. 1018. 5 ADJ-A1 NoSubs
18 2 22 53 7 -2.1 0.064 -9.000 -9.000 -999. 39. 11.1 0.0230 0.83 1.00 0.92 306.0 10.0 276.4 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
18 2 22 53 8 -1.9 0.062 -9.000 -9.000 -999. 37. 11.1 0.0230 0.83 0.46 1.01 317.0 10.0 277.5 2.0 0
0.00 92. 1019. 10 ADJ-A1 NoSubs
18 2 22 53 9 38.2 0.104 0.798 0.005 484. 81. -2.7 0.0310 0.83 0.27 1.03 175.0 10.0 279.2 2.0 0
0.00 85. 1019. 7 ADJ-A1 NoSubs
18 2 22 53 10 95.9 0.239 1.398 0.005 1036. 281. -13.0 0.0170 0.83 0.21 3.23 209.0 10.0 283.1 2.0 0
0.00 60. 1019. 3 ADJ-A1 NoSubs
18 2 22 53 11 128.6 0.335 1.600 0.005 1160. 465. -26.5 0.0180 0.83 0.19 4.73 249.0 10.0 284.2 2.0 0
0.00 52. 1019. 0 ADJ-A1 NoSubs
18 2 22 53 12 151.2 0.299 1.751 0.005 1292. 393. -16.1 0.0180 0.83 0.18 4.07 260.0 10.0 286.4 2.0 0
0.00 35. 1019. 0 ADJ-A1 NoSubs
18 2 22 53 13 154.8 0.331 1.819 0.005 1415. 457. -21.2 0.0180 0.83 0.18 4.60 288.0 10.0 287.5 2.0 0
0.00 37. 1018. 5 ADJ-A1 NoSubs
18 2 22 53 14 121.6 0.461 1.757 0.005 1622. 750. -72.9 0.0180 0.83 0.18 6.87 259.0 10.0 285.9 2.0 0

0.00 48. 1018. 7 ADJ-A1 NoSubs
18 2 22 53 15 27.5 0.353 1.076 0.005 1646. 511. -145.0 0.0180 0.83 0.19 5.39 247.0 10.0 285.9 2.0 0
0.00 52. 1017. 10 ADJ-A1 NoSubs
18 2 22 53 16 67.6 0.391 1.467 0.005 1696. 586. -80.0 0.0180 0.83 0.22 5.85 245.0 10.0 283.1 2.0 11
0.80 73. 1017. 7 ADJ-A1 NoSubs
18 2 22 53 17 2.8 0.217 0.508 0.005 1698. 266. -330.0 0.0180 0.83 0.31 3.37 273.0 10.0 283.1 2.0 0
0.00 58. 1017. 10 ADJ-A1 NoSubs
18 2 22 53 18 -21.3 0.259 -9.000 -9.000 -999. 317. 74.1 0.0180 0.83 0.58 4.30 261.0 10.0 281.4 2.0 0
0.00 65. 1017. 7 ADJ-A1 NoSubs
18 2 22 53 19 -17.6 0.174 -9.000 -9.000 -999. 177. 33.2 0.0180 0.83 1.00 2.95 258.0 10.0 280.4 2.0 0
0.00 70. 1017. 5 ADJ-A1 NoSubs
18 2 22 53 20 -17.4 0.171 -9.000 -9.000 -999. 169. 32.0 0.0180 0.83 1.00 2.90 252.0 10.0 279.2 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
18 2 22 53 21 -18.8 0.184 -9.000 -9.000 -999. 190. 37.4 0.0180 0.83 1.00 3.12 260.0 10.0 279.9 2.0 0
0.00 62. 1018. 0 ADJ-A1 NoSubs
18 2 22 53 22 -16.2 0.164 -9.000 -9.000 -999. 159. 29.5 0.0180 0.83 1.00 2.79 257.0 10.0 278.1 2.0 0
0.00 70. 1018. 0 ADJ-A1 NoSubs
18 2 22 53 23 -14.8 0.156 -9.000 -9.000 -999. 148. 26.9 0.0180 0.83 1.00 2.67 250.0 10.0 278.8 2.0 0
0.00 67. 1018. 0 ADJ-A1 NoSubs
18 2 22 53 24 -8.1 0.114 -9.000 -9.000 -999. 92. 16.5 0.0180 0.83 1.00 1.99 289.0 10.0 275.9 2.0 0
0.00 78. 1019. 0 ADJ-A1 NoSubs
18 2 23 54 1 -3.4 0.076 -9.000 -9.000 -999. 50. 11.6 0.0270 0.83 1.00 1.21 340.0 10.0 274.9 2.0 0
0.00 81. 1019. 0 ADJ-A1 NoSubs
18 2 23 54 2 -5.8 0.096 -9.000 -9.000 -999. 72. 14.1 0.0230 0.83 1.00 1.64 324.0 10.0 273.8 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
18 2 23 54 3 -8.6 0.118 -9.000 -9.000 -999. 98. 17.5 0.0230 0.83 1.00 1.99 324.0 10.0 273.8 2.0 0
0.00 84. 1019. 0 ADJ-A1 NoSubs
18 2 23 54 4 -10.2 0.129 -9.000 -9.000 -999. 111. 19.1 0.0230 0.83 1.00 2.15 316.0 10.0 273.1 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
18 2 23 54 5 -11.5 0.137 -9.000 -9.000 -999. 122. 20.7 0.0230 0.83 1.00 2.28 306.0 10.0 273.1 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 2 23 54 6 -10.9 0.133 -9.000 -9.000 -999. 117. 19.8 0.0230 0.83 1.00 2.22 315.0 10.0 273.1 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 2 23 54 7 -9.8 0.126 -9.000 -9.000 -999. 107. 18.7 0.0230 0.83 1.00 2.11 317.0 10.0 273.1 2.0 0
0.00 85. 1021. 0 ADJ-A1 NoSubs
18 2 23 54 8 -5.0 0.106 -9.000 -9.000 -999. 83. 22.0 0.0230 0.83 0.45 1.76 301.0 10.0 274.9 2.0 0
0.00 81. 1022. 0 ADJ-SFC NoSubs
18 2 23 54 9 40.9 0.184 0.826 0.006 502. 189. -13.8 0.0228 0.83 0.27 2.36 999.0 10.0 280.4 2.0 0
0.00 51. 1022. 0 ADJ-SFC NoSubs
18 2 23 54 10 92.2 0.227 1.125 0.005 564. 259. -11.5 0.0228 0.83 0.21 2.86 999.0 10.0 282.0 2.0 0
0.00 40. 1022. 0 ADJ-SFC NoSubs
18 2 23 54 11 129.9 0.201 1.316 0.005 641. 217. -5.7 0.0230 0.83 0.19 2.36 9.0 10.0 283.1 2.0 0
0.00 32. 1023. 0 ADJ-SFC NoSubs
18 2 23 54 12 152.1 0.225 1.458 0.005 744. 257. -6.9 0.0170 0.83 0.18 2.86 206.0 10.0 284.2 2.0 0
0.00 34. 1022. 0 ADJ-SFC NoSubs
18 2 23 54 13 157.8 0.359 1.718 0.005 1174. 517. -26.8 0.0230 0.83 0.18 4.86 96.0 10.0 284.2 2.0 0
0.00 37. 1022. 0 ADJ-SFC NoSubs
18 2 23 54 14 147.4 0.203 1.760 0.005 1350. 238. -5.2 0.0228 0.83 0.18 2.36 999.0 10.0 285.4 2.0 0
0.00 25. 1022. 0 ADJ-SFC NoSubs
18 2 23 54 15 121.0 0.269 1.698 0.005 1477. 335. -14.7 0.0270 0.83 0.19 3.36 346.0 10.0 286.4 2.0 0
0.00 24. 1021. 0 ADJ-SFC NoSubs
18 2 23 54 16 79.1 0.255 1.550 0.005 1718. 309. -19.1 0.0230 0.83 0.22 3.36 307.0 10.0 286.4 2.0 0
0.00 22. 1021. 0 ADJ-SFC NoSubs
18 2 23 54 17 24.8 0.270 1.069 0.005 1794. 336. -72.2 0.0230 0.83 0.30 3.86 316.0 10.0 285.4 2.0 0

0.00 25. 1021. 0 ADJ-SFC NoSubs
18 2 23 54 18 -15.4 0.176 -9.000 -9.000 -999. 181. 34.1 0.0230 0.83 0.57 2.86 326.0 10.0 283.1 2.0 0
0.00 29. 1022. 0 ADJ-SFC NoSubs
18 2 23 54 19 -11.4 0.137 -9.000 -9.000 -999. 122. 20.6 0.0180 0.83 1.00 2.36 285.0 10.0 282.0 2.0 0
0.00 31. 1022. 0 ADJ-SFC NoSubs
18 2 23 54 20 -12.3 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 302.0 10.0 279.2 2.0 0
0.00 42. 1023. 0 ADJ-SFC NoSubs
18 2 23 54 21 -6.7 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.76 302.0 10.0 276.4 2.0 0
0.00 54. 1023. 0 ADJ-SFC NoSubs
18 2 23 54 22 -6.7 0.104 -9.000 -9.000 -999. 80. 15.2 0.0230 0.83 1.00 1.76 310.0 10.0 275.4 2.0 0
0.00 61. 1023. 0 ADJ-SFC NoSubs
18 2 23 54 23 -21.6 0.208 -9.000 -9.000 -999. 227. 47.5 0.0230 0.83 1.00 3.36 328.0 10.0 275.4 2.0 0
0.00 61. 1024. 0 ADJ-SFC NoSubs
18 2 23 54 24 -18.3 0.175 -9.000 -9.000 -999. 176. 33.8 0.0230 0.83 1.00 2.86 303.0 10.0 274.2 2.0 0
0.00 66. 1024. 0 ADJ-SFC NoSubs
18 2 24 55 1 -12.4 0.143 -9.000 -9.000 -999. 129. 22.3 0.0230 0.83 1.00 2.36 313.0 10.0 275.4 2.0 0
0.00 61. 1024. 0 ADJ-SFC NoSubs
18 2 24 55 2 -7.0 0.107 -9.000 -9.000 -999. 84. 15.8 0.0270 0.83 1.00 1.76 332.0 10.0 273.8 2.0 0
0.00 71. 1024. 0 ADJ-SFC NoSubs
18 2 24 55 3 -6.7 0.104 -9.000 -9.000 -999. 80. 15.2 0.0230 0.83 1.00 1.76 312.0 10.0 273.8 2.0 0
0.00 66. 1024. 0 ADJ-SFC NoSubs
18 2 24 55 4 -12.4 0.142 -9.000 -9.000 -999. 129. 22.3 0.0230 0.83 1.00 2.36 311.0 10.0 273.8 2.0 0
0.00 66. 1024. 0 ADJ-SFC NoSubs
18 2 24 55 5 -6.7 0.104 -9.000 -9.000 -999. 80. 15.2 0.0230 0.83 1.00 1.76 304.0 10.0 273.1 2.0 0
0.00 72. 1024. 0 ADJ-SFC NoSubs
18 2 24 55 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 271.4 2.0 0
0.00 78. 1024. 0 ADJ-SFC NoSubs
18 2 24 55 7 -7.1 0.107 -9.000 -9.000 -999. 84. 15.7 0.0270 0.83 1.00 1.76 346.0 10.0 271.4 2.0 0
0.00 78. 1025. 0 ADJ-SFC NoSubs
18 2 24 55 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.45 0.00 0.0 10.0 274.9 2.0 0
0.00 66. 1025. 0 ADJ-SFC NoSubs
18 2 24 55 9 42.0 -9.000 -9.000 -9.000 97. -999. -99999.0 0.0228 0.83 0.26 0.00 0.0 10.0 278.1 2.0 0
0.00 59. 1025. 0 ADJ-SFC NoSubs
18 2 24 55 10 93.5 0.202 0.910 0.009 295. 218. -8.1 0.0280 0.83 0.20 2.36 132.0 10.0 280.9 2.0 0
0.00 50. 1025. 0 ADJ-SFC NoSubs
18 2 24 55 11 131.2 0.233 1.157 0.008 432. 270. -8.8 0.0230 0.83 0.19 2.86 110.0 10.0 282.5 2.0 0
0.00 51. 1025. 0 ADJ-SFC NoSubs
18 2 24 55 12 153.5 0.344 1.297 0.006 520. 484. -24.2 0.0310 0.83 0.18 4.36 179.0 10.0 284.2 2.0 0
0.00 54. 1024. 0 ADJ-SFC NoSubs
18 2 24 55 13 159.4 0.205 1.420 0.006 656. 235. -4.9 0.0228 0.83 0.18 2.36 999.0 10.0 284.9 2.0 0
0.00 56. 1023. 0 ADJ-SFC NoSubs
18 2 24 55 14 149.1 0.165 1.489 0.006 808. 161. -2.7 0.0228 0.83 0.18 1.76 999.0 10.0 286.4 2.0 0
0.00 50. 1022. 0 ADJ-SFC NoSubs
18 2 24 55 15 122.5 -9.000 -9.000 -9.000 921. -999. -99999.0 0.0228 0.83 0.19 0.00 0.0 10.0 287.0 2.0 0
0.00 52. 1022. 5 ADJ-SFC NoSubs
18 2 24 55 16 70.8 -9.000 -9.000 -9.000 984. -999. -99999.0 0.0228 0.83 0.22 0.00 0.0 10.0 287.0 2.0 0
0.00 52. 1021. 7 ADJ-SFC NoSubs
18 2 24 55 17 26.2 0.387 0.897 0.008 1003. 578. -201.3 0.0180 0.83 0.30 5.96 252.0 10.0 285.9 2.0 0
0.00 56. 1020. 0 ADJ-SFC NoSubs
18 2 24 55 18 -25.1 0.294 -9.000 -9.000 -999. 388. 95.2 0.0180 0.83 0.56 4.86 274.0 10.0 284.2 2.0 0
0.00 58. 1020. 0 ADJ-SFC NoSubs
18 2 24 55 19 -20.2 0.199 -9.000 -9.000 -999. 218. 43.8 0.0180 0.83 1.00 3.36 274.0 10.0 282.5 2.0 0
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18 2 24 55 20 -6.2 0.100 -9.000 -9.000 -999. 81. 14.5 0.0180 0.83 1.00 1.76 264.0 10.0 281.4 2.0 0

0.00 68. 1022. 0 ADJ-SFC NoSubs
18 2 24 55 21 -12.0 0.140 -9.000 -9.000 -999. 126. 21.7 0.0210 0.83 1.00 2.36 211.0 10.0 279.2 2.0 0
0.00 75. 1021. 0 ADJ-SFC NoSubs
18 2 24 55 22 -6.4 0.101 -9.000 -9.000 -999. 78. 14.8 0.0200 0.83 1.00 1.76 65.0 10.0 279.2 2.0 0
0.00 79. 1021. 0 ADJ-SFC NoSubs
18 2 24 55 23 -6.7 0.104 -9.000 -9.000 -999. 80. 15.3 0.0230 0.83 1.00 1.76 327.0 10.0 278.1 2.0 0
0.00 79. 1021. 0 ADJ-SFC NoSubs
18 2 24 55 24 -12.3 0.143 -9.000 -9.000 -999. 129. 22.3 0.0230 0.83 1.00 2.36 307.0 10.0 277.0 2.0 0
0.00 81. 1021. 0 ADJ-SFC NoSubs
18 2 25 56 1 -12.3 0.143 -9.000 -9.000 -999. 129. 22.3 0.0230 0.83 1.00 2.36 314.0 10.0 276.4 2.0 0
0.00 85. 1021. 0 ADJ-SFC NoSubs
18 2 25 56 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 275.9 2.0 0
0.00 88. 1021. 0 ADJ-SFC NoSubs
18 2 25 56 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 275.4 2.0 0
0.00 89. 1020. 0 ADJ-SFC NoSubs
18 2 25 56 4 -12.3 0.143 -9.000 -9.000 -999. 129. 22.3 0.0230 0.83 1.00 2.36 307.0 10.0 275.9 2.0 0
0.00 88. 1021. 0 ADJ-SFC NoSubs
18 2 25 56 5 -12.3 0.143 -9.000 -9.000 -999. 129. 22.3 0.0230 0.83 1.00 2.36 325.0 10.0 275.4 2.0 0
0.00 89. 1021. 0 ADJ-SFC NoSubs
18 2 25 56 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 274.9 2.0 0
0.00 92. 1022. 0 ADJ-SFC NoSubs
18 2 25 56 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 274.9 2.0 0
0.00 92. 1022. 0 ADJ-SFC NoSubs
18 2 25 56 8 -4.8 0.110 -9.000 -9.000 -999. 88. 25.2 0.0270 0.83 0.44 1.76 343.0 10.0 277.0 2.0 0
0.00 85. 1022. 0 ADJ-SFC NoSubs
18 2 25 56 9 43.9 -9.000 -9.000 -9.000 174. -999. -99999.0 0.0228 0.83 0.26 0.00 0.0 10.0 280.4 2.0 0
0.00 79. 1022. 0 ADJ-SFC NoSubs
18 2 25 56 10 95.8 -9.000 -9.000 -9.000 347. -999. -99999.0 0.0228 0.83 0.20 0.00 0.0 10.0 284.2 2.0 0
0.00 63. 1022. 0 ADJ-SFC NoSubs
18 2 25 56 11 133.8 0.208 1.219 0.006 494. 228. -6.2 0.0280 0.83 0.19 2.36 143.0 10.0 286.4 2.0 0
0.00 54. 1022. 0 ADJ-SFC NoSubs
18 2 25 56 12 156.2 0.204 1.389 0.005 625. 222. -5.0 0.0228 0.83 0.18 2.36 999.0 10.0 288.1 2.0 0
0.00 43. 1021. 0 ADJ-SFC NoSubs
18 2 25 56 13 161.6 0.355 1.483 0.005 735. 508. -25.2 0.0210 0.83 0.18 4.86 226.0 10.0 287.5 2.0 0
0.00 55. 1020. 0 ADJ-SFC NoSubs
18 2 25 56 14 150.9 0.316 1.569 0.005 932. 428. -19.0 0.0180 0.83 0.18 4.36 250.0 10.0 287.5 2.0 0
0.00 48. 1020. 0 ADJ-SFC NoSubs
18 2 25 56 15 124.0 0.342 1.592 0.005 1183. 480. -29.3 0.0180 0.83 0.19 4.86 245.0 10.0 287.5 2.0 0
0.00 45. 1019. 0 ADJ-SFC NoSubs
18 2 25 56 16 82.1 0.282 1.441 0.006 1324. 362. -24.9 0.0210 0.83 0.22 3.86 231.0 10.0 287.5 2.0 0
0.00 50. 1018. 0 ADJ-SFC NoSubs
18 2 25 56 17 27.5 0.140 1.011 0.006 1362. 141. -9.1 0.0210 0.83 0.30 1.76 238.0 10.0 286.4 2.0 0
0.00 56. 1018. 0 ADJ-SFC NoSubs
18 2 25 56 18 -6.0 0.105 -9.000 -9.000 -999. 81. 17.3 0.0230 0.83 0.56 1.76 91.0 10.0 285.9 2.0 0
0.00 54. 1017. 0 ADJ-SFC NoSubs
18 2 25 56 19 -18.4 0.181 -9.000 -9.000 -999. 186. 36.2 0.0280 0.83 1.00 2.86 148.0 10.0 280.4 2.0 0
0.00 82. 1018. 0 ADJ-SFC NoSubs
18 2 25 56 20 -6.6 0.104 -9.000 -9.000 -999. 82. 15.4 0.0230 0.83 1.00 1.76 327.0 10.0 281.4 2.0 0
0.00 73. 1018. 0 ADJ-SFC NoSubs
18 2 25 56 21 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.83 1.00 1.76 330.0 10.0 279.9 2.0 0
0.00 76. 1018. 0 ADJ-SFC NoSubs
18 2 25 56 22 -16.5 0.167 -9.000 -9.000 -999. 163. 30.6 0.0230 0.83 1.00 2.73 301.0 10.0 278.1 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
18 2 25 56 23 -11.6 0.139 -9.000 -9.000 -999. 124. 21.1 0.0230 0.83 1.00 2.30 313.0 10.0 277.5 2.0 0

0.00 82. 1018. 0 ADJ-A1 NoSubs
18 2 25 56 24 -14.0 0.153 -9.000 -9.000 -999. 144. 25.8 0.0230 0.83 1.00 2.52 306.0 10.0 277.5 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
18 2 26 57 1 -11.9 0.141 -9.000 -9.000 -999. 126. 21.7 0.0230 0.83 1.00 2.33 320.0 10.0 276.4 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 2 26 57 2 -3.6 0.077 -9.000 -9.000 -999. 52. 11.5 0.0230 0.83 1.00 1.28 316.0 10.0 277.5 2.0 0
0.00 89. 1017. 10 ADJ-A1 NoSubs
18 2 26 57 3 -3.5 0.077 -9.000 -9.000 -999. 52. 11.8 0.0270 0.83 1.00 1.25 341.0 10.0 278.8 2.0 0
0.00 85. 1016. 10 ADJ-A1 NoSubs
18 2 26 57 4 -4.5 0.086 -9.000 -9.000 -999. 60. 12.6 0.0230 0.83 1.00 1.45 318.0 10.0 278.8 2.0 0
0.00 88. 1015. 10 ADJ-A1 NoSubs
18 2 26 57 5 -6.0 0.099 -9.000 -9.000 -999. 75. 14.8 0.0270 0.83 1.00 1.64 335.0 10.0 279.2 2.0 0
0.00 88. 1014. 10 ADJ-A1 NoSubs
18 2 26 57 6 -6.1 0.099 -9.000 -9.000 -999. 75. 14.7 0.0230 0.83 1.00 1.69 315.0 10.0 279.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 2 26 57 7 -3.2 0.073 -9.000 -9.000 -999. 48. 11.2 0.0230 0.83 1.00 1.20 21.0 10.0 279.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 2 26 57 8 -0.5 0.071 -9.000 -9.000 -999. 46. 67.1 0.0270 0.83 0.43 1.11 354.0 10.0 280.4 2.0 0
0.00 92. 1012. 7 ADJ-A1 NoSubs
18 2 26 57 9 8.0 0.118 0.351 0.005 195. 97. -18.5 0.0230 0.83 0.26 1.55 21.0 10.0 280.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 2 26 57 10 20.7 0.167 0.582 0.005 342. 164. -20.3 0.0270 0.83 0.20 2.15 341.0 10.0 280.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 2 26 57 11 30.3 0.144 0.740 0.005 483. 131. -8.9 0.0230 0.83 0.18 1.77 12.0 10.0 281.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 2 26 57 12 36.0 0.179 0.838 0.005 589. 182. -14.4 0.0170 0.83 0.18 2.44 200.0 10.0 282.5 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 2 26 57 13 133.9 0.256 1.451 0.005 823. 311. -11.3 0.0210 0.83 0.18 3.28 225.0 10.0 284.2 2.0 0
0.00 82. 1010. 7 ADJ-A1 NoSubs
18 2 26 57 14 151.2 0.293 1.622 0.005 1017. 381. -15.0 0.0210 0.83 0.18 3.85 222.0 10.0 283.8 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
18 2 26 57 15 124.6 0.413 1.588 0.005 1158. 637. -50.9 0.0210 0.83 0.19 5.90 229.0 10.0 284.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 2 26 57 16 82.6 0.407 1.419 0.005 1244. 623. -73.3 0.0180 0.83 0.21 6.07 257.0 10.0 284.9 2.0 0
0.00 50. 1007. 0 ADJ-A1 NoSubs
18 2 26 57 17 27.9 0.371 0.995 0.005 1269. 542. -163.9 0.0180 0.83 0.29 5.68 276.0 10.0 283.1 2.0 0
0.00 47. 1007. 0 ADJ-A1 NoSubs
18 2 26 57 18 -18.8 0.228 -9.000 -9.000 -999. 276. 57.4 0.0180 0.83 0.55 3.81 278.0 10.0 281.4 2.0 0
0.00 55. 1007. 0 ADJ-A1 NoSubs
18 2 26 57 19 -13.4 0.149 -9.000 -9.000 -999. 141. 24.5 0.0180 0.83 1.00 2.56 283.0 10.0 279.9 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
18 2 26 57 20 -6.1 0.100 -9.000 -9.000 -999. 76. 14.8 0.0230 0.83 1.00 1.70 315.0 10.0 278.8 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
18 2 26 57 21 -11.4 0.139 -9.000 -9.000 -999. 125. 21.3 0.0270 0.83 1.00 2.25 346.0 10.0 278.1 2.0 0
0.00 75. 1007. 7 ADJ-A1 NoSubs
18 2 26 57 22 -10.9 0.135 -9.000 -9.000 -999. 118. 20.1 0.0210 0.83 1.00 2.27 215.0 10.0 278.1 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
18 2 26 57 23 -3.9 0.080 -9.000 -9.000 -999. 55. 11.6 0.0180 0.83 1.00 1.40 289.0 10.0 279.9 2.0 0
0.00 72. 1007. 10 ADJ-A1 NoSubs
18 2 26 57 24 -2.9 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.83 1.00 1.13 27.0 10.0 278.8 2.0 0
0.00 78. 1007. 10 ADJ-A1 NoSubs
18 2 27 58 1 -3.3 0.075 -9.000 -9.000 -999. 50. 11.6 0.0270 0.83 1.00 1.21 337.0 10.0 278.8 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
18 2 27 58 2 -2.8 0.070 -9.000 -9.000 -999. 44. 11.0 0.0230 0.83 1.00 1.11 311.0 10.0 278.1 2.0 0

0.00 85. 1007. 10 ADJ-A1 NoSubs
18 2 27 58 3 -3.3 0.074 -9.000 -9.000 -999. 49. 11.0 0.0180 0.83 1.00 1.28 274.0 10.0 278.1 2.0 0
0.00 88. 1007. 10 ADJ-A1 NoSubs
18 2 27 58 4 -9.3 0.125 -9.000 -9.000 -999. 106. 19.0 0.0270 0.83 1.00 2.04 332.0 10.0 279.2 2.0 0
0.00 67. 1007. 10 ADJ-A1 NoSubs
18 2 27 58 5 -7.7 0.113 -9.000 -9.000 -999. 92. 17.0 0.0270 0.83 1.00 1.86 333.0 10.0 279.9 2.0 0
0.00 46. 1007. 7 ADJ-A1 NoSubs
18 2 27 58 6 -4.4 0.084 -9.000 -9.000 -999. 58. 12.2 0.0180 0.83 1.00 1.48 246.0 10.0 279.2 2.0 0
0.00 44. 1008. 5 ADJ-A1 NoSubs
18 2 27 58 7 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.83 1.00 1.47 17.0 10.0 279.2 2.0 0
0.00 42. 1009. 3 ADJ-A1 NoSubs
18 2 27 58 8 -2.6 0.085 -9.000 -9.000 -999. 60. 21.2 0.0180 0.83 0.43 1.47 265.0 10.0 280.4 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
18 2 27 58 9 47.4 0.151 0.892 0.005 540. 141. -6.6 0.0180 0.83 0.26 1.89 288.0 10.0 282.5 2.0 0
0.00 32. 1011. 0 ADJ-A1 NoSubs
18 2 27 58 10 98.7 0.203 1.340 0.005 879. 219. -7.6 0.0270 0.83 0.20 2.37 331.0 10.0 283.8 2.0 0
0.00 35. 1011. 0 ADJ-A1 NoSubs
18 2 27 58 11 136.2 0.162 1.601 0.005 1089. 157. -2.8 0.0210 0.83 0.18 1.76 239.0 10.0 284.2 2.0 0
0.00 34. 1011. 0 ADJ-A1 NoSubs
18 2 27 58 12 158.3 0.329 1.747 0.005 1218. 452. -20.2 0.0170 0.83 0.18 4.60 198.0 10.0 285.4 2.0 0
0.00 34. 1012. 0 ADJ-A1 NoSubs
18 2 27 58 13 163.7 0.347 1.823 0.006 1338. 490. -23.0 0.0170 0.83 0.18 4.90 203.0 10.0 284.9 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
18 2 27 58 14 152.9 0.358 1.826 0.007 1439. 515. -27.1 0.0210 0.83 0.18 4.93 217.0 10.0 284.9 2.0 0
0.00 39. 1012. 0 ADJ-A1 NoSubs
18 2 27 58 15 126.0 0.347 1.740 0.007 1512. 490. -29.8 0.0210 0.83 0.19 4.80 212.0 10.0 284.9 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
18 2 27 58 16 83.9 0.297 1.532 0.006 1549. 390. -28.2 0.0210 0.83 0.21 4.10 228.0 10.0 284.9 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
18 2 27 58 17 29.2 0.244 1.080 0.006 1560. 291. -45.2 0.0210 0.83 0.29 3.47 237.0 10.0 283.8 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
18 2 27 58 18 -14.5 0.179 -9.000 -9.000 -999. 183. 35.6 0.0180 0.83 0.54 3.01 243.0 10.0 280.9 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
18 2 27 58 19 -4.0 0.081 -9.000 -9.000 -999. 61. 12.1 0.0230 0.83 1.00 1.37 308.0 10.0 280.9 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
18 2 27 58 20 -7.6 0.111 -9.000 -9.000 -999. 89. 16.5 0.0230 0.83 1.00 1.88 311.0 10.0 278.8 2.0 0
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0.00 73. 1015. 0 ADJ-A1 NoSubs
18 2 27 58 22 -7.1 0.108 -9.000 -9.000 -999. 85. 15.8 0.0230 0.83 1.00 1.82 311.0 10.0 275.9 2.0 0
0.00 78. 1015. 0 ADJ-A1 NoSubs
18 2 27 58 23 -13.7 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.83 1.00 2.49 311.0 10.0 275.9 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
18 2 27 58 24 -12.9 0.146 -9.000 -9.000 -999. 134. 23.6 0.0230 0.83 1.00 2.42 311.0 10.0 275.4 2.0 0
0.00 75. 1016. 0 ADJ-A1 NoSubs
18 2 28 59 1 -13.3 0.148 -9.000 -9.000 -999. 137. 24.2 0.0230 0.83 1.00 2.45 314.0 10.0 274.9 2.0 0
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18 2 28 59 2 -16.1 0.164 -9.000 -9.000 -999. 160. 29.6 0.0230 0.83 1.00 2.69 309.0 10.0 275.4 2.0 0
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18 2 28 59 3 -4.8 0.088 -9.000 -9.000 -999. 65. 13.1 0.0270 0.83 1.00 1.46 336.0 10.0 274.2 2.0 0
0.00 78. 1015. 0 ADJ-A1 NoSubs
18 2 28 59 4 -6.7 0.104 -9.000 -9.000 -999. 80. 15.2 0.0230 0.83 1.00 1.76 316.0 10.0 274.2 2.0 0
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0.00 81. 1016. 0 ADJ-A1 NoSubs
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18 2 28 59 7 -5.9 0.097 -9.000 -9.000 -999. 73. 14.1 0.0230 0.83 1.00 1.65 324.0 10.0 273.1 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 2 28 59 8 -2.7 0.088 -9.000 -9.000 -999. 63. 23.3 0.0270 0.83 0.42 1.42 334.0 10.0 275.9 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
18 2 28 59 9 48.5 0.103 0.653 0.009 208. 79. -2.0 0.0240 0.83 0.25 1.04 47.0 10.0 279.9 2.0 0
0.00 64. 1018. 0 ADJ-A1 NoSubs
18 2 28 59 10 99.6 0.136 1.092 0.011 475. 121. -2.3 0.0280 0.83 0.20 1.35 139.0 10.0 280.4 2.0 0
0.00 65. 1018. 0 ADJ-A1 NoSubs
18 2 28 59 11 137.5 0.163 1.276 0.010 549. 158. -2.9 0.0280 0.83 0.18 1.67 132.0 10.0 283.1 2.0 0
0.00 62. 1018. 0 ADJ-A1 NoSubs
18 2 28 59 12 156.7 0.193 1.386 0.008 617. 204. -4.2 0.0170 0.83 0.18 2.32 183.0 10.0 284.2 2.0 0
0.00 65. 1018. 5 ADJ-A1 NoSubs
18 2 28 59 13 165.1 0.252 1.458 0.006 681. 303. -8.7 0.0170 0.83 0.18 3.27 202.0 10.0 284.9 2.0 0
0.00 65. 1017. 0 ADJ-A1 NoSubs
18 2 28 59 14 152.1 0.324 1.455 0.005 735. 442. -20.2 0.0170 0.83 0.18 4.53 204.0 10.0 285.4 2.0 0
0.00 66. 1016. 5 ADJ-A1 NoSubs
18 2 28 59 15 106.9 0.323 1.314 0.005 770. 441. -28.6 0.0210 0.83 0.19 4.46 214.0 10.0 284.9 2.0 0
0.00 68. 1016. 7 ADJ-A1 NoSubs
18 2 28 59 16 18.5 0.294 0.735 0.005 776. 383. -124.5 0.0210 0.83 0.21 4.36 224.0 10.0 284.2 2.0 0
0.00 74. 1016. 10 ADJ-A1 NoSubs
18 2 28 59 17 31.6 0.240 0.882 0.005 786. 284. -39.8 0.0210 0.83 0.29 3.39 215.0 10.0 283.8 2.0 0
0.00 76. 1016. 7 ADJ-A1 NoSubs
18 2 28 59 18 -14.4 0.168 -9.000 -9.000 -999. 167. 31.2 0.0210 0.83 0.53 2.78 226.0 10.0 283.1 2.0 0
0.00 79. 1016. 10 ADJ-A1 NoSubs
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18 2 28 59 20 -4.0 0.080 -9.000 -9.000 -999. 55. 11.7 0.0170 0.83 1.00 1.42 197.0 10.0 283.1 2.0 0
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18 2 28 59 21 -13.9 0.152 -9.000 -9.000 -999. 142. 25.3 0.0170 0.83 1.00 2.62 187.0 10.0 283.8 2.0 0
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0.00 82. 1015. 10 ADJ-A1 NoSubs
18 2 28 59 23 -20.5 0.205 -9.000 -9.000 -999. 222. 46.1 0.0310 0.83 1.00 3.15 177.0 10.0 283.8 2.0 0
0.00 82. 1015. 10 ADJ-A1 NoSubs
18 2 28 59 24 -14.4 0.157 -9.000 -9.000 -999. 150. 27.2 0.0280 0.83 1.00 2.50 120.0 10.0 283.1 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
18 3 1 60 1 -8.8 0.122 -9.000 -9.000 -999. 102. 18.5 0.0270 0.48 1.00 1.99 86.0 10.0 282.5 2.0 0
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18 3 1 60 2 -2.7 0.070 -9.000 -9.000 -999. 45. 11.4 0.0300 0.48 1.00 1.06 47.0 10.0 282.5 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 3 1 60 3 -16.3 0.169 -9.000 -9.000 -999. 167. 31.5 0.0340 0.48 1.00 2.59 129.0 10.0 282.0 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 3 1 60 4 -15.0 0.162 -9.000 -9.000 -999. 157. 28.9 0.0340 0.48 1.00 2.49 123.0 10.0 281.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 3 1 60 5 -5.0 0.091 -9.000 -9.000 -999. 67. 13.8 0.0300 0.48 1.00 1.48 10.0 10.0 281.4 2.0 0
0.00 999. 1011. 10 ADJ-A1 NoSubs
18 3 1 60 6 -6.4 0.104 -9.000 -9.000 -999. 80. 15.7 0.0300 0.48 1.00 1.68 111.0 10.0 282.0 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
18 3 1 60 7 -37.3 0.373 -9.000 -9.000 -999. 547. 153.1 0.0340 0.48 1.00 5.51 145.0 10.0 282.5 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
18 3 1 60 8 -18.6 0.370 -9.000 -9.000 -999. 540. 245.1 0.0340 0.48 0.40 5.39 147.0 10.0 282.5 2.0 0

0.00 999. 1010. 10 ADJ-A1 NoSubs
18 3 1 60 9 7.1 0.390 0.337 0.005 192. 585. -748.7 0.0340 0.48 0.24 5.50 147.0 10.0 283.1 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
18 3 1 60 10 16.6 0.342 0.487 0.005 251. 481. -216.9 0.0340 0.48 0.19 4.73 143.0 10.0 284.2 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
18 3 1 60 11 23.5 0.586 0.589 0.005 313. 1076. -768.6 0.0370 0.48 0.17 8.13 172.0 10.0 285.4 2.0 11
1.80 999. 1009. 10 ADJ-A1 NoSubs
18 3 1 60 12 27.3 0.639 0.656 0.005 372. 1224. -858.8 0.0230 0.48 0.17 9.64 181.0 10.0 284.9 2.0 11
4.60 999. 1008. 10 ADJ-A1 NoSubs
18 3 1 60 13 28.4 0.684 0.695 0.005 425. 1354. -1009.8 0.0230 0.48 0.17 10.32 180.0 10.0 285.4 2.0
11 5.60 999. 1008. 10 ADJ-A1 NoSubs
18 3 1 60 14 26.5 0.771 0.702 0.007 469. 1621. -1556.2 0.0370 0.48 0.17 10.75 176.0 10.0 285.4 2.0
11 1.00 999. 1007. 10 ADJ-A1 NoSubs
18 3 1 60 15 21.3 0.443 0.667 0.005 500. 835. -366.7 0.0340 0.48 0.18 6.19 220.0 10.0 283.8 2.0 11
5.80 999. 1007. 10 ADJ-A1 NoSubs
18 3 1 60 16 13.8 0.403 0.586 0.005 521. 622. -425.2 0.0340 0.48 0.20 5.65 216.0 10.0 284.9 2.0 0
0.00 999. 1006. 10 ADJ-A1 NoSubs
18 3 1 60 17 3.9 0.442 0.384 0.005 526. 704. -2004.5 0.0340 0.48 0.28 6.26 232.0 10.0 284.2 2.0 11
0.30 999. 1006. 10 ADJ-A1 NoSubs
18 3 1 60 18 -18.8 0.309 -9.000 -9.000 -999. 426. 141.5 0.0340 0.48 0.52 4.56 228.0 10.0 283.8 2.0 0
0.00 999. 1006. 7 ADJ-A1 NoSubs
18 3 1 60 19 -18.5 0.186 -9.000 -9.000 -999. 203. 38.1 0.0370 0.48 1.00 2.79 176.0 10.0 283.1 2.0 0
0.00 999. 1006. 10 ADJ-A1 NoSubs
18 3 1 60 20 -27.8 0.280 -9.000 -9.000 -999. 355. 86.2 0.0370 0.48 1.00 4.12 178.0 10.0 283.8 2.0 0
0.00 999. 1006. 10 ADJ-A1 NoSubs
18 3 1 60 21 -40.5 0.408 -9.000 -9.000 -999. 625. 182.8 0.0230 0.48 1.00 6.41 181.0 10.0 283.8 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 3 1 60 22 -43.8 0.442 -9.000 -9.000 -999. 704. 214.5 0.0230 0.48 1.00 6.92 192.0 10.0 283.8 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 3 1 60 23 -46.7 0.470 -9.000 -9.000 -999. 773. 243.3 0.0230 0.48 1.00 7.35 189.0 10.0 283.8 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 3 1 60 24 -30.0 0.301 -9.000 -9.000 -999. 419. 99.5 0.0340 0.48 1.00 4.48 213.0 10.0 282.5 2.0 0
0.00 96. 1007. 10 ADJ-A1 Sub_CC
18 3 2 61 1 -21.7 0.218 -9.000 -9.000 -999. 248. 52.2 0.0340 0.48 1.00 3.29 239.0 10.0 282.5 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 3 2 61 2 -23.4 0.234 -9.000 -9.000 -999. 271. 60.2 0.0340 0.48 1.00 3.52 238.0 10.0 281.4 2.0 0
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18 3 2 61 3 -9.1 0.125 -9.000 -9.000 -999. 112. 19.3 0.0340 0.48 1.00 1.96 229.0 10.0 281.4 2.0 0
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18 3 2 61 4 -2.7 0.071 -9.000 -9.000 -999. 46. 11.6 0.0340 0.48 1.00 1.04 216.0 10.0 280.9 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 5 -3.2 0.075 -9.000 -9.000 -999. 49. 11.7 0.0310 0.48 1.00 1.16 318.0 10.0 280.9 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 6 -4.4 0.086 -9.000 -9.000 -999. 60. 13.0 0.0310 0.48 1.00 1.38 317.0 10.0 279.9 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
18 3 2 61 7 -6.2 0.102 -9.000 -9.000 -999. 78. 15.5 0.0310 0.48 1.00 1.65 323.0 10.0 279.9 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
18 3 2 61 8 -4.3 0.102 -9.000 -9.000 -999. 79. 22.7 0.0360 0.48 0.40 1.57 332.0 10.0 280.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 3 2 61 9 35.2 0.149 0.916 0.005 787. 138. -8.4 0.0270 0.48 0.24 1.76 62.0 10.0 282.0 2.0 0
0.00 100. 1010. 7 ADJ-A1 NoSubs
18 3 2 61 10 16.5 0.236 0.724 0.005 829. 275. -71.6 0.0340 0.48 0.19 3.14 140.0 10.0 282.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 3 2 61 11 105.5 0.393 1.458 0.005 1059. 591. -51.8 0.0230 0.48 0.17 5.53 180.0 10.0 285.4 2.0 0

0.00 96. 1010. 3 ADJ-A1 NoSubs
18 3 2 61 12 121.1 0.465 1.620 0.005 1265. 759. -74.5 0.0230 0.48 0.17 6.65 183.0 10.0 285.9 2.0 0
0.00 92. 1009. 3 ADJ-A1 NoSubs
18 3 2 61 13 28.7 0.414 1.014 0.005 1308. 642. -222.9 0.0230 0.48 0.17 6.14 201.0 10.0 285.4 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
18 3 2 61 14 26.8 0.535 1.002 0.005 1349. 938. -512.7 0.0230 0.48 0.17 8.03 191.0 10.0 285.9 2.0 0
0.00 66. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 15 21.8 0.591 0.941 0.005 1373. 1088. -850.1 0.0230 0.48 0.18 8.91 182.0 10.0 285.4 2.0 0
0.00 68. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 16 14.0 0.457 0.813 0.005 1380. 758. -613.0 0.0230 0.48 0.20 6.87 186.0 10.0 284.2 2.0 0
0.00 76. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 17 4.1 0.440 0.539 0.005 1382. 702. -1884.3 0.0230 0.48 0.27 6.67 190.0 10.0 284.2 2.0 0
0.00 79. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 18 -34.7 0.422 -9.000 -9.000 -999. 659. 195.9 0.0230 0.48 0.51 6.60 189.0 10.0 283.1 2.0 0
0.00 82. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 19 -42.7 0.428 -9.000 -9.000 -999. 673. 201.8 0.0230 0.48 1.00 6.72 190.0 10.0 282.5 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 20 -34.4 0.343 -9.000 -9.000 -999. 487. 129.3 0.0230 0.48 1.00 5.43 193.0 10.0 281.4 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 21 -30.4 0.303 -9.000 -9.000 -999. 401. 100.9 0.0230 0.48 1.00 4.82 185.0 10.0 281.4 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
18 3 2 61 22 -25.0 0.248 -9.000 -9.000 -999. 298. 67.7 0.0230 0.48 1.00 3.98 191.0 10.0 280.4 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
18 3 2 61 23 -23.3 0.232 -9.000 -9.000 -999. 268. 59.1 0.0340 0.48 1.00 3.49 216.0 10.0 280.9 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
18 3 2 61 24 -6.2 0.102 -9.000 -9.000 -999. 91. 15.5 0.0310 0.48 1.00 1.65 328.0 10.0 280.4 2.0 0
0.00 999. 1009. 7 ADJ-A1 NoSubs
18 3 3 62 1 -4.7 0.089 -9.000 -9.000 -999. 63. 13.4 0.0310 0.48 1.00 1.43 324.0 10.0 279.2 2.0 0
0.00 999. 1009. 3 ADJ-A1 NoSubs
18 3 3 62 2 -5.9 0.100 -9.000 -9.000 -999. 76. 15.2 0.0360 0.48 1.00 1.57 340.0 10.0 278.8 2.0 0
0.00 999. 1009. 3 ADJ-A1 NoSubs
18 3 3 62 3 -3.9 0.081 -9.000 -9.000 -999. 56. 12.4 0.0310 0.48 1.00 1.30 320.0 10.0 278.1 2.0 0
0.00 999. 1009. 5 ADJ-A1 NoSubs
18 3 3 62 4 -4.8 0.090 -9.000 -9.000 -999. 65. 13.5 0.0310 0.48 1.00 1.45 326.0 10.0 277.0 2.0 0
0.00 999. 1010. 0 ADJ-A1 NoSubs
18 3 3 62 5 -9.1 0.124 -9.000 -9.000 -999. 105. 18.9 0.0310 0.48 1.00 1.98 300.0 10.0 276.4 2.0 0
0.00 100. 1010. 7 ADJ-A1 NoSubs
18 3 3 62 6 -7.7 0.113 -9.000 -9.000 -999. 92. 17.1 0.0310 0.48 1.00 1.82 324.0 10.0 277.0 2.0 0
0.00 100. 1011. 7 ADJ-A1 NoSubs
18 3 3 62 7 -9.9 0.130 -9.000 -9.000 -999. 112. 19.8 0.0310 0.48 1.00 2.06 308.0 10.0 276.4 2.0 0
0.00 999. 1011. 5 ADJ-A1 NoSubs
18 3 3 62 8 -2.0 0.116 -9.000 -9.000 -999. 95. 71.0 0.0310 0.48 0.39 1.77 320.0 10.0 279.2 2.0 0
0.00 999. 1012. 0 ADJ-A1 NoSubs
18 3 3 62 9 39.1 0.128 0.750 0.005 389. 110. -4.8 0.0300 0.48 0.24 1.38 36.0 10.0 281.4 2.0 0
0.00 999. 1012. 0 ADJ-A1 NoSubs
18 3 3 62 10 76.9 0.196 1.313 0.005 1063. 208. -8.9 0.0300 0.48 0.19 2.28 117.0 10.0 282.5 2.0 0
0.00 999. 1012. 5 ADJ-A1 NoSubs
18 3 3 62 11 85.8 0.257 1.436 0.005 1247. 313. -17.9 0.0230 0.48 0.17 3.37 209.0 10.0 283.1 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
18 3 3 62 12 97.9 0.342 1.533 0.005 1331. 480. -36.9 0.0340 0.48 0.17 4.39 233.0 10.0 283.1 2.0 0
0.00 67. 1013. 7 ADJ-A1 NoSubs
18 3 3 62 13 122.9 0.324 1.703 0.005 1452. 444. -25.1 0.0340 0.48 0.17 4.05 214.0 10.0 284.9 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
18 3 3 62 14 117.8 0.365 1.726 0.005 1577. 530. -37.4 0.0230 0.48 0.17 5.05 203.0 10.0 284.2 2.0 0

0.00 65. 1012. 3 ADJ-A1 NoSubs
18 3 3 62 15 94.9 0.406 1.636 0.005 1667. 620. -63.6 0.0230 0.48 0.18 5.77 207.0 10.0 282.5 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
18 3 3 62 16 65.8 0.275 1.465 0.005 1727. 358. -28.6 0.0340 0.48 0.20 3.47 223.0 10.0 282.0 2.0 0
0.00 999. 1012. 5 ADJ-A1 NoSubs
18 3 3 62 17 24.7 0.253 1.061 0.005 1750. 306. -59.4 0.0340 0.48 0.27 3.34 214.0 10.0 282.0 2.0 0
0.00 999. 1012. 0 ADJ-A1 NoSubs
18 3 3 62 18 -11.2 0.173 -9.000 -9.000 -999. 175. 41.5 0.0340 0.48 0.50 2.61 213.0 10.0 280.4 2.0 0
0.00 999. 1012. 3 ADJ-A1 NoSubs
18 3 3 62 19 -2.2 0.066 -9.000 -9.000 -999. 50. 11.7 0.0340 0.48 1.00 0.91 218.0 10.0 280.4 2.0 0
0.00 96. 1013. 3 ADJ-A1 NoSubs
18 3 3 62 20 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0250 0.48 1.00 1.26 296.0 10.0 278.8 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
18 3 3 62 21 -7.7 0.113 -9.000 -9.000 -999. 92. 17.2 0.0310 0.48 1.00 1.82 301.0 10.0 278.1 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
18 3 3 62 22 -12.0 0.143 -9.000 -9.000 -999. 130. 22.4 0.0310 0.48 1.00 2.25 309.0 10.0 277.5 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 3 3 62 23 -13.4 0.151 -9.000 -9.000 -999. 141. 25.1 0.0310 0.48 1.00 2.37 318.0 10.0 276.4 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
18 3 3 62 24 -9.7 0.128 -9.000 -9.000 -999. 109. 19.4 0.0310 0.48 1.00 2.03 322.0 10.0 275.9 2.0 0
0.00 95. 1016. 0 ADJ-A1 NoSubs
18 3 4 63 1 -5.6 0.096 -9.000 -9.000 -999. 71. 14.4 0.0310 0.48 1.00 1.55 319.0 10.0 275.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 3 4 63 2 -9.5 0.126 -9.000 -9.000 -999. 108. 19.2 0.0310 0.48 1.00 2.01 309.0 10.0 275.4 2.0 0
0.00 96. 1017. 5 ADJ-A1 NoSubs
18 3 4 63 3 -12.8 0.148 -9.000 -9.000 -999. 136. 24.0 0.0310 0.48 1.00 2.32 309.0 10.0 275.9 2.0 0
0.00 92. 1017. 5 ADJ-A1 NoSubs
18 3 4 63 4 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0310 0.48 1.00 1.72 312.0 10.0 275.4 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
18 3 4 63 5 -11.8 0.141 -9.000 -9.000 -999. 128. 22.0 0.0310 0.48 1.00 2.23 319.0 10.0 274.9 2.0 0
0.00 95. 1018. 0 ADJ-A1 NoSubs
18 3 4 63 6 -12.3 0.144 -9.000 -9.000 -999. 131. 22.8 0.0310 0.48 1.00 2.27 309.0 10.0 275.4 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
18 3 4 63 7 -11.0 0.136 -9.000 -9.000 -999. 120. 20.7 0.0310 0.48 1.00 2.15 319.0 10.0 274.9 2.0 0
0.00 95. 1019. 0 ADJ-A1 NoSubs
18 3 4 63 8 -0.8 0.061 -9.000 -9.000 -999. 38. 25.9 0.0300 0.48 0.38 0.96 28.0 10.0 277.0 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 9 40.0 0.103 0.641 0.005 240. 79. -2.5 0.0300 0.48 0.23 1.01 98.0 10.0 279.2 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 10 77.2 0.150 0.897 0.005 340. 140. -4.0 0.0340 0.48 0.19 1.54 123.0 10.0 282.0 2.0 0
0.00 79. 1021. 0 ADJ-A1 NoSubs
18 3 4 63 11 104.4 0.165 1.387 0.005 932. 162. -3.9 0.0300 0.48 0.17 1.74 107.0 10.0 284.2 2.0 0
0.00 60. 1021. 0 ADJ-A1 NoSubs
18 3 4 63 12 98.9 0.188 1.415 0.005 1044. 196. -6.1 0.0370 0.48 0.17 2.00 151.0 10.0 284.2 2.0 0
0.00 68. 1021. 7 ADJ-A1 NoSubs
18 3 4 63 13 127.1 0.214 1.593 0.005 1159. 238. -7.1 0.0370 0.48 0.17 2.32 179.0 10.0 286.4 2.0 0
0.00 59. 1021. 3 ADJ-A1 NoSubs
18 3 4 63 14 116.2 0.332 1.635 0.005 1371. 460. -28.7 0.0340 0.48 0.17 4.19 213.0 10.0 285.9 2.0 0
0.00 61. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 15 96.5 0.334 1.555 0.005 1419. 464. -35.2 0.0280 0.48 0.18 4.44 244.0 10.0 285.9 2.0 0
0.00 58. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 16 65.8 0.337 1.381 0.005 1458. 469. -52.9 0.0280 0.48 0.20 4.58 247.0 10.0 285.4 2.0 0
0.00 58. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 17 26.0 0.332 1.018 0.005 1476. 460. -128.2 0.0340 0.48 0.27 4.53 234.0 10.0 284.9 2.0 0

0.00 63. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 18 -10.4 0.149 -9.000 -9.000 -999. 169. 28.9 0.0280 0.48 0.50 2.35 265.0 10.0 283.8 2.0 0
0.00 70. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 19 -2.4 0.067 -9.000 -9.000 -999. 49. 11.4 0.0300 0.48 1.00 0.97 11.0 10.0 282.5 2.0 0
0.00 76. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 20 -4.9 0.090 -9.000 -9.000 -999. 65. 13.6 0.0310 0.48 1.00 1.45 320.0 10.0 280.4 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 21 -6.2 0.101 -9.000 -9.000 -999. 77. 15.0 0.0250 0.48 1.00 1.69 278.0 10.0 279.2 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 22 -17.4 0.173 -9.000 -9.000 -999. 173. 33.0 0.0310 0.48 1.00 2.69 311.0 10.0 278.8 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 3 4 63 23 -8.6 0.121 -9.000 -9.000 -999. 101. 18.6 0.0360 0.48 1.00 1.88 335.0 10.0 278.1 2.0 0
0.00 85. 1021. 0 ADJ-A1 NoSubs
18 3 4 63 24 -7.7 0.113 -9.000 -9.000 -999. 91. 17.0 0.0310 0.48 1.00 1.81 327.0 10.0 276.4 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
18 3 5 64 1 -7.6 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.48 1.00 1.77 331.0 10.0 276.4 2.0 0
0.00 89. 1021. 0 ADJ-A1 NoSubs
18 3 5 64 2 -7.7 0.113 -9.000 -9.000 -999. 91. 17.0 0.0310 0.48 1.00 1.81 303.0 10.0 275.9 2.0 0
0.00 88. 1022. 0 ADJ-A1 NoSubs
18 3 5 64 3 -7.3 0.109 -9.000 -9.000 -999. 87. 16.4 0.0310 0.48 1.00 1.76 324.0 10.0 274.9 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
18 3 5 64 4 -8.1 0.116 -9.000 -9.000 -999. 95. 17.5 0.0310 0.48 1.00 1.86 317.0 10.0 274.2 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 3 5 64 5 -8.7 0.121 -9.000 -9.000 -999. 101. 18.4 0.0360 0.48 1.00 1.88 337.0 10.0 274.2 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 3 5 64 6 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0300 0.48 1.00 1.25 19.0 10.0 274.2 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 3 5 64 7 -10.5 0.133 -9.000 -9.000 -999. 117. 20.5 0.0360 0.48 1.00 2.06 330.0 10.0 274.2 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 3 5 64 8 -0.8 0.100 -9.000 -9.000 -999. 75. 110.7 0.0310 0.48 0.38 1.50 309.0 10.0 277.5 2.0 0
0.00 76. 1020. 0 ADJ-A1 NoSubs
18 3 5 64 9 41.6 0.129 0.566 0.005 159. 111. -4.7 0.0270 0.48 0.23 1.42 81.0 10.0 282.5 2.0 0
0.00 63. 1020. 0 ADJ-A1 NoSubs
18 3 5 64 10 78.9 0.305 1.047 0.006 530. 403. -32.6 0.0270 0.48 0.19 4.05 88.0 10.0 284.9 2.0 0
0.00 50. 1020. 0 ADJ-A1 NoSubs
18 3 5 64 11 106.1 0.264 1.296 0.006 746. 327. -15.8 0.0270 0.48 0.17 3.32 81.0 10.0 287.0 2.0 0
0.00 44. 1019. 0 ADJ-A1 NoSubs
18 3 5 64 12 122.2 0.190 1.415 0.006 843. 201. -5.1 0.0270 0.48 0.17 2.12 69.0 10.0 289.2 2.0 0
0.00 37. 1018. 0 ADJ-A1 NoSubs
18 3 5 64 13 126.2 0.218 1.466 0.005 907. 244. -7.4 0.0300 0.48 0.17 2.48 40.0 10.0 290.4 2.0 0
0.00 30. 1017. 0 ADJ-A1 NoSubs
18 3 5 64 14 118.3 0.235 1.471 0.006 977. 274. -10.0 0.0270 0.48 0.17 2.83 86.0 10.0 290.9 2.0 0
0.00 29. 1016. 0 ADJ-A1 NoSubs
18 3 5 64 15 98.8 0.192 1.414 0.006 1037. 202. -6.5 0.0270 0.48 0.18 2.20 88.0 10.0 291.4 2.0 0
0.00 32. 1015. 0 ADJ-A1 NoSubs
18 3 5 64 16 68.3 0.235 1.266 0.006 1077. 273. -17.1 0.0300 0.48 0.20 2.91 46.0 10.0 292.0 2.0 0
0.00 29. 1015. 0 ADJ-A1 NoSubs
18 3 5 64 17 28.3 0.208 0.948 0.006 1091. 228. -28.8 0.0300 0.48 0.27 2.69 28.0 10.0 290.9 2.0 0
0.00 34. 1014. 0 ADJ-A1 NoSubs
18 3 5 64 18 -9.9 0.149 -9.000 -9.000 -999. 139. 30.4 0.0300 0.48 0.49 2.32 93.0 10.0 285.9 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
18 3 5 64 19 -4.0 0.083 -9.000 -9.000 -999. 58. 12.8 0.0340 0.48 1.00 1.30 221.0 10.0 285.9 2.0 0
0.00 54. 1015. 0 ADJ-A1 NoSubs
18 3 5 64 20 -13.4 0.152 -9.000 -9.000 -999. 143. 25.5 0.0300 0.48 1.00 2.40 42.0 10.0 285.4 2.0 0

0.00 54. 1015. 0 ADJ-A1 NoSubs
18 3 5 64 21 -23.4 0.235 -9.000 -9.000 -999. 273. 60.6 0.0300 0.48 1.00 3.61 41.0 10.0 285.4 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
18 3 5 64 22 -14.6 0.159 -9.000 -9.000 -999. 154. 27.9 0.0300 0.48 1.00 2.50 26.0 10.0 283.8 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
18 3 5 64 23 -12.7 0.148 -9.000 -9.000 -999. 136. 24.0 0.0310 0.48 1.00 2.32 310.0 10.0 281.4 2.0 0
0.00 68. 1016. 0 ADJ-A1 NoSubs
18 3 5 64 24 -17.3 0.173 -9.000 -9.000 -999. 173. 33.0 0.0310 0.48 1.00 2.69 320.0 10.0 280.4 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
18 3 6 65 1 -11.1 0.138 -9.000 -9.000 -999. 124. 21.6 0.0360 0.48 1.00 2.13 332.0 10.0 280.4 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
18 3 6 65 2 -3.1 0.073 -9.000 -9.000 -999. 49. 11.6 0.0300 0.48 1.00 1.14 17.0 10.0 279.9 2.0 0
0.00 72. 1015. 0 ADJ-A1 NoSubs
18 3 6 65 3 -5.5 0.095 -9.000 -9.000 -999. 71. 14.3 0.0300 0.48 1.00 1.55 2.0 10.0 278.8 2.0 0
0.00 78. 1014. 0 ADJ-A1 NoSubs
18 3 6 65 4 -7.1 0.110 -9.000 -9.000 -999. 87. 16.8 0.0360 0.48 1.00 1.72 334.0 10.0 278.8 2.0 0
0.00 78. 1014. 0 ADJ-A1 NoSubs
18 3 6 65 5 -7.9 0.115 -9.000 -9.000 -999. 93. 17.4 0.0310 0.48 1.00 1.84 319.0 10.0 278.1 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
18 3 6 65 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 277.5 2.0 0
0.00 82. 1014. 0 ADJ-SFC NoSubs
18 3 6 65 7 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.48 1.00 2.36 320.0 10.0 278.1 2.0 0
0.00 75. 1014. 0 ADJ-SFC NoSubs
18 3 6 65 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 0.37 0.00 0.0 10.0 280.9 2.0 0
0.00 70. 1014. 0 ADJ-SFC NoSubs
18 3 6 65 9 43.0 -9.000 -9.000 -9.000 119. -999. -99999.0 0.0304 0.48 0.23 0.00 0.0 10.0 283.8 2.0 0
0.00 65. 1014. 0 ADJ-SFC NoSubs
18 3 6 65 10 81.0 0.234 0.846 0.005 270. 272. -14.4 0.0300 0.48 0.19 2.86 101.0 10.0 289.2 2.0 0
0.00 43. 1014. 0 ADJ-SFC NoSubs
18 3 6 65 11 108.2 0.335 1.104 0.006 449. 466. -31.5 0.0300 0.48 0.17 4.36 98.0 10.0 290.9 2.0 0
0.00 37. 1014. 0 ADJ-SFC NoSubs
18 3 6 65 12 124.1 0.243 1.301 0.008 642. 291. -10.4 0.0304 0.48 0.17 2.86 999.0 10.0 292.5 2.0 0
0.00 31. 1014. 0 ADJ-SFC NoSubs
18 3 6 65 13 128.2 0.211 1.413 0.009 796. 232. -6.6 0.0304 0.48 0.17 2.36 999.0 10.0 293.8 2.0 0
0.00 30. 1013. 0 ADJ-SFC NoSubs
18 3 6 65 14 120.2 0.293 1.407 0.009 838. 381. -18.9 0.0230 0.48 0.17 3.86 207.0 10.0 293.8 2.0 0
0.00 29. 1012. 0 ADJ-SFC NoSubs
18 3 6 65 15 100.3 0.293 1.343 0.008 873. 381. -22.6 0.0340 0.48 0.17 3.63 234.0 10.0 293.1 2.0 0
0.00 27. 1012. 0 ADJ-A1 NoSubs
18 3 6 65 16 69.4 0.253 1.211 0.008 925. 306. -21.1 0.0280 0.48 0.20 3.24 240.0 10.0 292.5 2.0 0
0.00 26. 1012. 0 ADJ-A1 NoSubs
18 3 6 65 17 28.8 0.258 0.918 0.009 967. 315. -53.9 0.0340 0.48 0.26 3.39 219.0 10.0 289.9 2.0 0
0.00 36. 1011. 0 ADJ-A1 NoSubs
18 3 6 65 18 -16.5 0.259 -9.000 -9.000 -999. 317. 95.2 0.0340 0.48 0.48 3.85 228.0 10.0 285.9 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
18 3 6 65 19 -3.0 0.072 -9.000 -9.000 -999. 99. 11.3 0.0250 0.48 1.00 1.16 275.0 10.0 285.4 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
18 3 6 65 20 -5.5 0.097 -9.000 -9.000 -999. 73. 15.0 0.0360 0.48 1.00 1.53 357.0 10.0 283.8 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
18 3 6 65 21 -8.6 0.121 -9.000 -9.000 -999. 101. 18.6 0.0310 0.48 1.00 1.93 327.0 10.0 282.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 3 6 65 22 -13.6 0.153 -9.000 -9.000 -999. 144. 25.8 0.0310 0.48 1.00 2.40 316.0 10.0 282.0 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
18 3 6 65 23 -9.8 0.128 -9.000 -9.000 -999. 110. 19.4 0.0250 0.48 1.00 2.11 273.0 10.0 281.4 2.0 0

0.00 68. 1012. 0 ADJ-A1 NoSubs
18 3 6 65 24 -12.1 0.144 -9.000 -9.000 -999. 131. 22.9 0.0310 0.48 1.00 2.27 310.0 10.0 280.9 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
18 3 7 66 1 -8.2 0.118 -9.000 -9.000 -999. 98. 18.1 0.0310 0.48 1.00 1.89 318.0 10.0 281.4 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 3 7 66 2 -6.9 0.108 -9.000 -9.000 -999. 86. 16.7 0.0360 0.48 1.00 1.70 331.0 10.0 281.4 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 3 -2.1 0.065 -9.000 -9.000 -999. 40. 11.4 0.0280 0.48 1.00 0.91 263.0 10.0 282.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 4 -6.5 0.104 -9.000 -9.000 -999. 81. 15.6 0.0250 0.48 1.00 1.74 291.0 10.0 282.0 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 5 -12.7 0.148 -9.000 -9.000 -999. 137. 24.2 0.0310 0.48 1.00 2.33 311.0 10.0 282.0 2.0 0
0.00 73. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 6 -5.2 0.092 -9.000 -9.000 -999. 68. 13.8 0.0250 0.48 1.00 1.55 299.0 10.0 282.0 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
18 3 7 66 7 -7.5 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.48 1.00 1.77 337.0 10.0 282.0 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 8 1.4 0.117 0.112 0.015 36. 97. -106.5 0.0310 0.48 0.37 1.62 325.0 10.0 283.1 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
18 3 7 66 9 44.4 0.106 0.571 0.013 151. 83. -2.4 0.0360 0.48 0.23 0.99 330.0 10.0 284.9 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 10 81.5 0.189 0.780 0.010 210. 197. -7.5 0.0340 0.48 0.18 2.10 217.0 10.0 286.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 3 7 66 11 109.0 0.209 1.054 0.008 387. 229. -7.6 0.0370 0.48 0.17 2.28 164.0 10.0 289.9 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
18 3 7 66 12 124.7 0.164 1.201 0.006 502. 159. -3.2 0.0270 0.48 0.17 1.71 85.0 10.0 290.9 2.0 0
0.00 47. 1012. 0 ADJ-A1 NoSubs
18 3 7 66 13 128.7 0.210 1.243 0.005 538. 232. -6.5 0.0230 0.48 0.17 2.50 199.0 10.0 292.0 2.0 0
0.00 37. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 14 120.3 0.366 1.266 0.005 609. 532. -36.9 0.0280 0.48 0.17 4.88 240.0 10.0 290.9 2.0 0
0.00 31. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 15 100.4 0.374 1.298 0.005 786. 549. -47.0 0.0340 0.48 0.17 4.87 233.0 10.0 290.4 2.0 0
0.00 30. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 16 69.7 0.292 1.184 0.005 861. 383. -32.3 0.0280 0.48 0.20 3.86 244.0 10.0 290.4 2.0 0
0.00 30. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 17 29.7 0.235 0.905 0.005 902. 275. -39.7 0.0280 0.48 0.26 3.15 253.0 10.0 289.9 2.0 0
0.00 29. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 18 -8.7 0.143 -9.000 -9.000 -999. 133. 30.3 0.0340 0.48 0.48 2.18 237.0 10.0 286.4 2.0 0
0.00 38. 1011. 0 ADJ-A1 NoSubs
18 3 7 66 19 -6.2 0.102 -9.000 -9.000 -999. 78. 15.4 0.0280 0.48 1.00 1.67 255.0 10.0 285.9 2.0 0
0.00 37. 1012. 0 ADJ-A1 NoSubs
18 3 7 66 20 -8.2 0.118 -9.000 -9.000 -999. 98. 18.2 0.0310 0.48 1.00 1.89 301.0 10.0 283.8 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
18 3 7 66 21 -11.6 0.142 -9.000 -9.000 -999. 128. 22.0 0.0310 0.48 1.00 2.23 313.0 10.0 283.1 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
18 3 7 66 22 -16.3 0.168 -9.000 -9.000 -999. 166. 31.2 0.0310 0.48 1.00 2.62 309.0 10.0 283.1 2.0 0
0.00 47. 1013. 7 ADJ-A1 NoSubs
18 3 7 66 23 -17.4 0.175 -9.000 -9.000 -999. 175. 33.5 0.0310 0.48 1.00 2.71 315.0 10.0 283.8 2.0 0
0.00 49. 1014. 10 ADJ-A1 NoSubs
18 3 7 66 24 -10.2 0.133 -9.000 -9.000 -999. 116. 20.6 0.0310 0.48 1.00 2.10 308.0 10.0 284.9 2.0 0
0.00 47. 1014. 10 ADJ-A1 NoSubs
18 3 8 67 1 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0310 0.48 1.00 1.50 309.0 10.0 284.9 2.0 0
0.00 51. 1014. 10 ADJ-A1 NoSubs
18 3 8 67 2 -11.3 0.140 -9.000 -9.000 -999. 125. 21.8 0.0310 0.48 1.00 2.20 310.0 10.0 285.4 2.0 0

0.00 50. 1013. 10 ADJ-A1 NoSubs
18 3 8 67 3 -8.6 0.121 -9.000 -9.000 -999. 101. 18.5 0.0280 0.48 1.00 1.96 263.0 10.0 285.9 2.0 0
0.00 50. 1014. 10 ADJ-A1 NoSubs
18 3 8 67 4 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0250 0.48 1.00 1.30 285.0 10.0 285.4 2.0 0
0.00 58. 1013. 10 ADJ-A1 NoSubs
18 3 8 67 5 -2.5 0.068 -9.000 -9.000 -999. 42. 11.2 0.0270 0.48 1.00 1.03 73.0 10.0 284.9 2.0 0
0.00 65. 1014. 10 ADJ-A1 NoSubs
18 3 8 67 6 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0300 0.48 1.00 1.48 36.0 10.0 284.2 2.0 0
0.00 71. 1014. 10 ADJ-A1 NoSubs
18 3 8 67 7 -2.3 0.067 -9.000 -9.000 -999. 41. 11.7 0.0360 0.48 1.00 0.92 355.0 10.0 284.9 2.0 0
0.00 68. 1014. 10 ADJ-A1 NoSubs
18 3 8 67 8 8.1 0.088 0.355 0.008 200. 63. -7.7 0.0300 0.48 0.36 1.01 16.0 10.0 285.9 2.0 0
0.00 63. 1014. 7 ADJ-A1 NoSubs
18 3 8 67 9 10.0 0.088 0.409 0.008 248. 63. -6.3 0.0300 0.48 0.23 0.99 107.0 10.0 287.0 2.0 0
0.00 61. 1015. 10 ADJ-A1 NoSubs
18 3 8 67 10 83.8 0.117 0.970 0.008 395. 96. -1.7 0.0300 0.48 0.18 1.09 21.0 10.0 289.9 2.0 0
0.00 61. 1014. 5 ADJ-A1 NoSubs
18 3 8 67 11 113.6 0.137 1.170 0.007 510. 122. -2.0 0.0280 0.48 0.17 1.33 257.0 10.0 291.4 2.0 0
0.00 65. 1014. 3 ADJ-A1 NoSubs
18 3 8 67 12 126.6 0.174 1.291 0.006 615. 174. -3.7 0.0340 0.48 0.17 1.76 216.0 10.0 293.8 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
18 3 8 67 13 130.6 0.243 1.368 0.006 709. 287. -9.9 0.0230 0.48 0.17 3.01 207.0 10.0 294.9 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
18 3 8 67 14 121.9 0.341 1.413 0.006 837. 478. -29.4 0.0340 0.48 0.17 4.31 225.0 10.0 293.1 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
18 3 8 67 15 101.8 0.410 1.371 0.006 914. 629. -60.9 0.0340 0.48 0.17 5.41 228.0 10.0 292.0 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
18 3 8 67 16 70.9 0.367 1.237 0.005 964. 534. -62.8 0.0340 0.48 0.19 4.85 227.0 10.0 291.4 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
18 3 8 67 17 30.5 0.245 0.940 0.005 983. 300. -43.6 0.0280 0.48 0.26 3.30 242.0 10.0 289.9 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
18 3 8 67 18 -7.1 0.128 -9.000 -9.000 -999. 119. 26.8 0.0340 0.48 0.47 1.96 215.0 10.0 288.1 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
18 3 8 67 19 -5.7 0.099 -9.000 -9.000 -999. 75. 15.2 0.0340 0.48 1.00 1.57 216.0 10.0 285.4 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
18 3 8 67 20 -21.8 0.219 -9.000 -9.000 -999. 245. 52.6 0.0370 0.48 1.00 3.25 157.0 10.0 284.2 2.0 0
0.00 100. 1013. 7 ADJ-A1 NoSubs
18 3 8 67 21 -15.9 0.167 -9.000 -9.000 -999. 165. 30.7 0.0340 0.48 1.00 2.56 135.0 10.0 284.2 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 3 8 67 22 -11.9 0.144 -9.000 -9.000 -999. 131. 22.9 0.0370 0.48 1.00 2.20 151.0 10.0 283.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 3 8 67 23 -8.7 0.122 -9.000 -9.000 -999. 103. 19.1 0.0370 0.48 1.00 1.89 158.0 10.0 283.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 3 8 67 24 -7.4 0.112 -9.000 -9.000 -999. 90. 17.3 0.0340 0.48 1.00 1.77 140.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 3 9 68 1 -2.2 0.066 -9.000 -9.000 -999. 41. 11.9 0.0370 0.48 1.00 0.89 150.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 3 9 68 2 -3.2 0.075 -9.000 -9.000 -999. 49. 11.7 0.0300 0.48 1.00 1.18 31.0 10.0 283.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 3 9 68 3 -2.5 0.067 -9.000 -9.000 -999. 42. 11.0 0.0250 0.48 1.00 1.03 274.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 3 9 68 4 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0310 0.48 1.00 1.03 311.0 10.0 283.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 3 9 68 5 -2.0 0.063 -9.000 -9.000 -999. 38. 11.8 0.0310 0.48 1.00 0.84 325.0 10.0 283.1 2.0 0

0.00 100. 1011. 10 ADJ-A1 NoSubs
18 3 9 68 6 -2.7 0.070 -9.000 -9.000 -999. 45. 11.6 0.0340 0.48 1.00 1.04 238.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 3 9 68 7 -3.6 0.079 -9.000 -9.000 -999. 53. 12.4 0.0370 0.48 1.00 1.21 156.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 3 9 68 8 -1.9 0.094 -9.000 -9.000 -999. 69. 40.0 0.0310 0.48 0.35 1.45 300.0 10.0 283.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 3 9 68 9 9.6 0.117 0.356 0.012 169. 96. -15.1 0.0270 0.48 0.22 1.47 84.0 10.0 283.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 3 9 68 10 18.9 0.137 0.475 0.012 204. 121. -12.2 0.0340 0.48 0.18 1.60 136.0 10.0 284.2 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 3 9 68 11 26.2 0.136 0.548 0.011 227. 121. -8.7 0.0360 0.48 0.17 1.52 360.0 10.0 287.5 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
18 3 9 68 12 126.1 0.199 1.098 0.008 379. 212. -5.6 0.0230 0.48 0.17 2.32 200.0 10.0 288.1 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 3 9 68 13 130.1 0.221 1.151 0.007 423. 250. -7.5 0.0230 0.48 0.17 2.67 195.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 3 9 68 14 121.8 0.299 1.190 0.006 499. 392. -19.7 0.0230 0.48 0.17 3.95 209.0 10.0 289.2 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
18 3 9 68 15 101.8 0.273 1.183 0.005 587. 342. -17.9 0.0280 0.48 0.17 3.44 242.0 10.0 288.8 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
18 3 9 68 16 70.6 0.251 1.124 0.007 724. 302. -20.1 0.0230 0.48 0.19 3.32 186.0 10.0 287.0 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
18 3 9 68 17 30.2 0.219 0.865 0.008 770. 247. -31.5 0.0370 0.48 0.26 2.74 169.0 10.0 284.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 3 9 68 18 -13.5 0.189 -9.000 -9.000 -999. 198. 45.1 0.0370 0.48 0.47 2.81 158.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 3 9 68 19 -13.3 0.153 -9.000 -9.000 -999. 144. 25.9 0.0370 0.48 1.00 2.33 168.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 3 9 68 20 -13.0 0.151 -9.000 -9.000 -999. 141. 25.2 0.0370 0.48 1.00 2.30 168.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 3 9 68 21 -13.7 0.155 -9.000 -9.000 -999. 147. 26.5 0.0340 0.48 1.00 2.39 122.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 3 9 68 22 -6.3 0.102 -9.000 -9.000 -999. 79. 15.4 0.0270 0.48 1.00 1.69 79.0 10.0 284.2 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 3 9 68 23 -4.2 0.084 -9.000 -9.000 -999. 58. 12.7 0.0270 0.48 1.00 1.38 85.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 3 9 68 24 -6.5 0.105 -9.000 -9.000 -999. 82. 15.9 0.0300 0.48 1.00 1.70 118.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 3 10 69 1 -5.7 0.098 -9.000 -9.000 -999. 73. 14.8 0.0300 0.48 1.00 1.59 106.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 3 10 69 2 -5.0 0.092 -9.000 -9.000 -999. 67. 13.8 0.0270 0.48 1.00 1.52 74.0 10.0 283.8 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 3 10 69 3 -2.3 0.067 -9.000 -9.000 -999. 41. 11.7 0.0360 0.48 1.00 0.92 337.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 3 10 69 4 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.48 1.00 1.25 18.0 10.0 283.8 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 3 10 69 5 -2.3 0.067 -9.000 -9.000 -999. 41. 11.4 0.0300 0.48 1.00 0.96 22.0 10.0 283.8 2.0 0
0.00 92. 1007. 5 ADJ-A1 NoSubs
18 3 10 69 6 -3.1 0.073 -9.000 -9.000 -999. 47. 11.2 0.0230 0.48 1.00 1.20 200.0 10.0 283.1 2.0 0
0.00 96. 1008. 5 ADJ-A1 NoSubs
18 3 10 69 7 -2.8 0.071 -9.000 -9.000 -999. 45. 11.3 0.0280 0.48 1.00 1.09 268.0 10.0 283.1 2.0 0
0.00 96. 1008. 5 ADJ-A1 NoSubs
18 3 10 69 8 9.4 0.092 0.383 0.012 215. 67. -7.5 0.0360 0.48 0.35 1.01 331.0 10.0 283.8 2.0 0

0.00 96. 1009. 7 ADJ-A1 NoSubs
18 3 10 69 9 10.1 0.151 0.408 0.011 241. 140. -30.5 0.0340 0.48 0.22 1.91 213.0 10.0 284.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 3 10 69 10 71.6 0.145 0.842 0.010 300. 133. -3.8 0.0300 0.48 0.18 1.52 118.0 10.0 285.4 2.0 0
0.00 86. 1009. 7 ADJ-A1 NoSubs
18 3 10 69 11 92.4 0.128 0.976 0.008 363. 111. -2.1 0.0270 0.48 0.17 1.26 75.0 10.0 285.9 2.0 0
0.00 82. 1009. 7 ADJ-A1 NoSubs
18 3 10 69 12 30.2 0.116 0.684 0.007 381. 95. -4.7 0.0300 0.48 0.17 1.25 31.0 10.0 287.0 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
18 3 10 69 13 31.1 0.131 0.702 0.007 399. 114. -6.5 0.0340 0.48 0.16 1.43 137.0 10.0 287.0 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
18 3 10 69 14 28.9 0.146 0.693 0.006 415. 134. -9.7 0.0340 0.48 0.17 1.67 222.0 10.0 286.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
18 3 10 69 15 23.7 0.154 0.657 0.006 431. 144. -13.8 0.0340 0.48 0.17 1.82 236.0 10.0 285.4 2.0 11
0.50 86. 1009. 10 ADJ-A1 NoSubs
18 3 10 69 16 16.0 0.096 0.583 0.006 446. 72. -5.0 0.0230 0.48 0.19 1.11 202.0 10.0 285.4 2.0 11
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18 3 10 69 18 -3.5 0.114 -9.000 -9.000 -999. 93. 38.9 0.0300 0.48 0.46 1.77 96.0 10.0 285.4 2.0 0
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18 3 10 69 20 -2.3 0.066 -9.000 -9.000 -999. 41. 11.5 0.0310 0.48 1.00 0.94 311.0 10.0 284.2 2.0 0
0.00 92. 1009. 3 ADJ-A1 NoSubs
18 3 10 69 21 -5.0 0.091 -9.000 -9.000 -999. 65. 13.5 0.0250 0.48 1.00 1.52 293.0 10.0 283.1 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 3 10 69 22 -6.7 0.106 -9.000 -9.000 -999. 83. 16.2 0.0310 0.48 1.00 1.71 329.0 10.0 282.5 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 3 10 69 23 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.48 1.00 1.28 337.0 10.0 282.0 2.0 0
0.00 95. 1010. 5 ADJ-A1 NoSubs
18 3 10 69 24 -3.5 0.078 -9.000 -9.000 -999. 52. 12.0 0.0310 0.48 1.00 1.23 312.0 10.0 281.4 2.0 0
0.00 96. 1010. 3 ADJ-A1 NoSubs
18 3 11 70 1 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.48 1.00 1.28 349.0 10.0 281.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
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0.00 96. 1011. 0 ADJ-A1 NoSubs
18 3 11 70 3 -8.7 0.122 -9.000 -9.000 -999. 102. 18.6 0.0310 0.48 1.00 1.94 308.0 10.0 280.4 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 3 11 70 4 -5.1 0.093 -9.000 -9.000 -999. 68. 14.0 0.0310 0.48 1.00 1.50 324.0 10.0 279.9 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
18 3 11 70 5 -1.9 0.064 -9.000 -9.000 -999. 39. 12.2 0.0360 0.48 1.00 0.80 360.0 10.0 279.9 2.0 0
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18 3 11 70 6 -7.0 0.108 -9.000 -9.000 -999. 85. 16.4 0.0310 0.48 1.00 1.74 310.0 10.0 279.2 2.0 0
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0.00 100. 1013. 0 ADJ-A1 NoSubs
18 3 11 70 8 5.5 0.085 -9.000 -9.000 -999. 59. -9.9 0.0310 0.48 0.34 0.99 308.0 10.0 282.0 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
18 3 11 70 9 49.0 0.133 -9.000 -9.000 -999. 116. -4.3 0.0270 0.48 0.22 1.45 79.0 10.0 284.2 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 3 11 70 10 86.1 0.166 -9.000 -9.000 -999. 162. -4.8 0.0300 0.48 0.18 1.79 95.0 10.0 286.4 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
18 3 11 70 11 113.6 0.196 -9.000 -9.000 -999. 208. -6.0 0.0300 0.48 0.17 2.18 101.0 10.0 290.4 2.0 0

0.00 67. 1014. 0 ADJ-A1 NoSubs
18 3 11 70 12 129.4 0.233 -9.000 -9.000 -999. 270. -8.8 0.0300 0.48 0.17 2.71 91.0 10.0 292.5 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
18 3 11 70 13 133.6 0.213 -9.000 -9.000 -999. 236. -6.5 0.0270 0.48 0.16 2.45 83.0 10.0 294.9 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
18 3 11 70 14 125.5 0.212 -9.000 -9.000 -999. 234. -6.8 0.0270 0.48 0.17 2.45 74.0 10.0 295.4 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
18 3 11 70 15 105.8 0.211 -9.000 -9.000 -999. 233. -8.0 0.0300 0.48 0.17 2.43 55.0 10.0 295.9 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
18 3 11 70 16 72.9 0.332 -9.000 -9.000 -999. 458. -45.1 0.0230 0.48 0.19 4.63 189.0 10.0 289.2 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
18 3 11 70 17 32.4 0.235 -9.000 -9.000 -999. 278. -36.1 0.0340 0.48 0.25 3.01 215.0 10.0 287.5 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
18 3 11 70 18 -8.0 0.157 -9.000 -9.000 -999. 151. 43.6 0.0280 0.48 0.45 2.45 240.0 10.0 286.4 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
18 3 11 70 19 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0280 0.48 1.00 2.40 241.0 10.0 284.2 2.0 0
0.00 92. 1013. 3 ADJ-A1 NoSubs
18 3 11 70 20 -5.9 0.098 -9.000 -9.000 -999. 74. 14.6 0.0230 0.48 1.00 1.67 200.0 10.0 283.8 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 3 11 70 21 -2.5 0.068 -9.000 -9.000 -999. 42. 11.2 0.0280 0.48 1.00 1.01 266.0 10.0 283.8 2.0 0
0.00 96. 1014. 5 ADJ-A1 NoSubs
18 3 11 70 22 -6.0 0.100 -9.000 -9.000 -999. 75. 14.8 0.0230 0.48 1.00 1.69 197.0 10.0 284.2 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 3 11 70 23 -3.9 0.082 -9.000 -9.000 -999. 56. 12.6 0.0310 0.48 1.00 1.31 323.0 10.0 284.9 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
18 3 11 70 24 -2.6 0.069 -9.000 -9.000 -999. 43. 11.4 0.0300 0.48 1.00 1.03 39.0 10.0 284.9 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 3 12 71 1 -3.1 0.073 -9.000 -9.000 -999. 48. 11.6 0.0300 0.48 1.00 1.14 46.0 10.0 284.9 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 3 12 71 2 -2.4 0.067 -9.000 -9.000 -999. 42. 11.3 0.0300 0.48 1.00 0.99 18.0 10.0 284.2 2.0 0
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18 3 12 71 3 -2.8 0.071 -9.000 -9.000 -999. 46. 11.4 0.0300 0.48 1.00 1.09 34.0 10.0 283.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 3 12 71 4 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0300 0.48 1.00 1.26 38.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 3 12 71 5 -2.3 0.066 -9.000 -9.000 -999. 41. 11.4 0.0300 0.48 1.00 0.94 7.0 10.0 283.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 3 12 71 6 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0310 0.48 1.00 1.72 323.0 10.0 281.4 2.0 0
0.00 100. 1012. 7 ADJ-A1 NoSubs
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0.00 100. 1012. 0 ADJ-A1 NoSubs
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0.00 92. 1012. 3 ADJ-A1 NoSubs
18 3 12 71 9 45.1 0.175 0.546 0.007 130. 175. -10.7 0.0370 0.48 0.22 1.98 163.0 10.0 285.9 2.0 0
0.00 82. 1012. 7 ADJ-A1 NoSubs
18 3 12 71 10 91.3 0.139 0.886 0.006 275. 125. -2.7 0.0270 0.48 0.18 1.42 79.0 10.0 289.2 2.0 0
0.00 71. 1012. 3 ADJ-A1 NoSubs
18 3 12 71 11 27.9 0.129 0.629 0.005 321. 112. -7.0 0.0370 0.48 0.17 1.40 175.0 10.0 290.9 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
18 3 12 71 12 107.4 0.144 1.114 0.005 465. 132. -2.5 0.0230 0.48 0.17 1.52 190.0 10.0 292.0 2.0 0
0.00 67. 1011. 7 ADJ-A1 NoSubs
18 3 12 71 13 32.8 0.265 0.770 0.005 500. 327. -50.8 0.0340 0.48 0.16 3.46 221.0 10.0 292.0 2.0 0
0.00 69. 1010. 10 ADJ-A1 NoSubs
18 3 12 71 14 29.9 0.339 0.759 0.005 527. 475. -117.9 0.0280 0.48 0.17 4.78 249.0 10.0 288.8 2.0 0

0.00 79. 1010. 10 ADJ-A1 NoSubs
18 3 12 71 15 24.9 0.322 0.725 0.005 551. 439. -120.8 0.0250 0.48 0.17 4.63 272.0 10.0 288.8 2.0 0
0.00 79. 1009. 10 ADJ-A1 NoSubs
18 3 12 71 16 17.0 0.295 0.648 0.005 576. 384. -135.1 0.0250 0.48 0.19 4.25 275.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 3 12 71 17 6.7 0.315 0.480 0.005 589. 425. -419.2 0.0250 0.48 0.25 4.66 275.0 10.0 287.0 2.0 11
1.50 100. 1009. 10 ADJ-A1 NoSubs
18 3 12 71 18 -8.9 0.145 -9.000 -9.000 -999. 158. 31.0 0.0310 0.48 0.45 2.25 326.0 10.0 287.0 2.0 11
1.50 999. 1008. 10 ADJ-A1 NoSubs
18 3 12 71 19 -5.9 0.100 -9.000 -9.000 -999. 77. 15.4 0.0310 0.48 1.00 1.62 311.0 10.0 288.1 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
18 3 12 71 20 -7.4 0.112 -9.000 -9.000 -999. 89. 16.8 0.0230 0.48 1.00 1.88 193.0 10.0 287.5 2.0 11
0.50 999. 1009. 10 ADJ-A1 NoSubs
18 3 12 71 21 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0300 0.48 1.00 1.64 95.0 10.0 288.1 2.0 11
0.30 999. 1009. 10 ADJ-A1 NoSubs
18 3 12 71 22 -9.7 0.130 -9.000 -9.000 -999. 113. 20.4 0.0340 0.48 1.00 2.03 128.0 10.0 288.1 2.0 11
0.50 999. 1009. 10 ADJ-A1 NoSubs
18 3 12 71 23 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0370 0.48 1.00 1.38 173.0 10.0 288.1 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
18 3 12 71 24 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0310 0.48 1.00 1.72 312.0 10.0 287.5 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 1 -17.8 0.182 -9.000 -9.000 -999. 186. 36.3 0.0280 0.48 1.00 2.86 244.0 10.0 287.5 2.0 11
1.50 999. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 2 -17.5 0.179 -9.000 -9.000 -999. 181. 35.1 0.0230 0.48 1.00 2.91 187.0 10.0 287.5 2.0 11
1.30 999. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 3 -4.1 0.084 -9.000 -9.000 -999. 63. 13.2 0.0370 0.48 1.00 1.31 174.0 10.0 287.0 2.0 0
0.00 999. 1008. 7 ADJ-A1 NoSubs
18 3 13 72 4 -4.0 0.084 -9.000 -9.000 -999. 58. 13.1 0.0360 0.48 1.00 1.31 360.0 10.0 287.5 2.0 0
0.00 999. 1007. 10 ADJ-A1 NoSubs
18 3 13 72 5 -7.2 0.111 -9.000 -9.000 -999. 89. 17.0 0.0300 0.48 1.00 1.79 11.0 10.0 287.0 2.0 11
3.00 999. 1008. 10 ADJ-A1 NoSubs
18 3 13 72 6 -33.2 0.340 -9.000 -9.000 -999. 475. 126.9 0.0230 0.48 1.00 5.38 191.0 10.0 288.1 2.0 11
0.80 999. 1008. 10 ADJ-A1 NoSubs
18 3 13 72 7 -40.7 0.416 -9.000 -9.000 -999. 643. 190.2 0.0230 0.48 0.72 6.53 198.0 10.0 287.5 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
18 3 13 72 8 0.7 0.393 0.068 0.005 15. 592. -7322.3 0.0230 0.48 0.33 5.97 194.0 10.0 287.5 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
18 3 13 72 9 11.5 0.413 0.373 0.005 162. 637. -553.7 0.0230 0.48 0.22 6.21 193.0 10.0 287.0 2.0 11
0.50 999. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 10 20.6 0.437 0.586 0.005 351. 692. -363.8 0.0230 0.48 0.18 6.53 194.0 10.0 287.0 2.0 11
2.50 999. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 11 27.1 0.369 0.722 0.005 500. 541. -166.8 0.0230 0.48 0.17 5.43 205.0 10.0 286.4 2.0 11
0.30 999. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 12 30.7 0.396 0.832 0.005 674. 597. -181.3 0.0340 0.48 0.16 5.45 213.0 10.0 285.9 2.0 11
1.80 999. 1010. 10 ADJ-A1 NoSubs
18 3 13 72 13 31.6 0.334 0.949 0.005 975. 467. -106.6 0.0340 0.48 0.16 4.53 234.0 10.0 285.9 2.0 11
0.20 999. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 14 29.5 0.307 0.938 0.005 1008. 408. -88.0 0.0280 0.48 0.17 4.27 243.0 10.0 285.9 2.0 11
0.30 999. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 15 24.6 0.250 0.891 0.005 1035. 301. -57.1 0.0340 0.48 0.17 3.29 211.0 10.0 286.4 2.0 0
0.00 999. 1008. 10 ADJ-A1 NoSubs
18 3 13 72 16 16.9 0.243 0.790 0.005 1053. 288. -76.9 0.0230 0.48 0.19 3.49 194.0 10.0 286.4 2.0 11
0.30 999. 1008. 10 ADJ-A1 NoSubs
18 3 13 72 17 6.7 0.267 0.583 0.005 1059. 331. -255.5 0.0340 0.48 0.25 3.71 216.0 10.0 285.9 2.0 0

0.00 999. 1008. 10 ADJ-A1 NoSubs
18 3 13 72 18 -13.8 0.222 -9.000 -9.000 -999. 252. 71.5 0.0340 0.48 0.44 3.32 212.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 3 13 72 19 -27.2 0.274 -9.000 -9.000 -999. 345. 82.7 0.0340 0.48 1.00 4.10 231.0 10.0 284.2 2.0 11
0.30 100. 1008. 10 ADJ-A1 NoSubs
18 3 13 72 20 -22.5 0.227 -9.000 -9.000 -999. 260. 56.7 0.0340 0.48 1.00 3.42 233.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 21 -36.4 0.367 -9.000 -9.000 -999. 534. 148.4 0.0230 0.48 1.00 5.80 190.0 10.0 284.9 2.0 0
0.00 96. 1009. 3 ADJ-A1 NoSubs
18 3 13 72 22 -33.5 0.337 -9.000 -9.000 -999. 470. 124.9 0.0230 0.48 1.00 5.34 182.0 10.0 284.2 2.0 11
3.00 96. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 23 -27.1 0.271 -9.000 -9.000 -999. 342. 81.1 0.0280 0.48 1.00 4.20 243.0 10.0 283.1 2.0 0
0.00 999. 1009. 10 ADJ-A1 NoSubs
18 3 13 72 24 -5.0 0.091 -9.000 -9.000 -999. 106. 13.5 0.0230 0.48 1.00 1.55 207.0 10.0 283.1 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
18 3 14 73 1 -2.5 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.48 1.00 1.04 186.0 10.0 282.5 2.0 0
0.00 999. 1010. 7 ADJ-A1 NoSubs
18 3 14 73 2 -2.2 0.065 -9.000 -9.000 -999. 40. 11.5 0.0300 0.48 1.00 0.91 12.0 10.0 282.0 2.0 0
0.00 999. 1010. 7 ADJ-A1 NoSubs
18 3 14 73 3 -2.9 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.48 1.00 1.08 345.0 10.0 282.5 2.0 0
0.00 100. 1009. 7 ADJ-A1 NoSubs
18 3 14 73 4 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0360 0.48 1.00 1.62 336.0 10.0 282.0 2.0 0
0.00 100. 1009. 7 ADJ-A1 NoSubs
18 3 14 73 5 -3.1 0.074 -9.000 -9.000 -999. 48. 11.9 0.0360 0.48 1.00 1.11 341.0 10.0 282.5 2.0 11
2.80 999. 1009. 10 ADJ-A1 NoSubs
18 3 14 73 6 -5.2 0.094 -9.000 -9.000 -999. 69. 14.1 0.0300 0.48 1.00 1.52 32.0 10.0 282.5 2.0 0
0.00 999. 1009. 7 ADJ-A1 NoSubs
18 3 14 73 7 -3.6 0.080 -9.000 -9.000 -999. 54. 12.5 0.0360 0.48 0.70 1.23 358.0 10.0 282.5 2.0 0
0.00 999. 1010. 7 ADJ-A1 NoSubs
18 3 14 73 8 0.2 0.120 0.027 0.005 4. 99. -956.0 0.0270 0.48 0.33 1.76 75.0 10.0 283.1 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
18 3 14 73 9 11.0 0.106 0.429 0.005 257. 83. -9.8 0.0300 0.48 0.21 1.25 50.0 10.0 283.1 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
18 3 14 73 10 20.1 0.203 0.655 0.005 503. 220. -37.5 0.0340 0.48 0.18 2.61 141.0 10.0 283.1 2.0 11
0.80 100. 1011. 10 ADJ-A1 NoSubs
18 3 14 73 11 26.7 0.356 0.806 0.005 708. 509. -151.9 0.0370 0.48 0.17 4.80 179.0 10.0 283.1 2.0 11
0.50 999. 1011. 10 ADJ-A1 NoSubs
18 3 14 73 12 30.7 0.212 0.883 0.005 811. 248. -28.1 0.0230 0.48 0.16 2.88 188.0 10.0 284.2 2.0 11
0.30 999. 1011. 10 ADJ-A1 NoSubs
18 3 14 73 13 31.6 0.286 0.914 0.005 870. 366. -66.5 0.0230 0.48 0.16 4.07 191.0 10.0 284.9 2.0 0
0.00 999. 1011. 10 ADJ-A1 NoSubs
18 3 14 73 14 29.6 0.345 0.911 0.005 922. 486. -125.0 0.0340 0.48 0.17 4.70 227.0 10.0 285.4 2.0 0
0.00 999. 1010. 10 ADJ-A1 NoSubs
18 3 14 73 15 87.7 0.357 1.371 0.005 1059. 512. -46.8 0.0340 0.48 0.17 4.65 227.0 10.0 284.9 2.0 0
0.00 79. 1010. 7 ADJ-A1 NoSubs
18 3 14 73 16 63.7 0.310 1.267 0.005 1150. 415. -42.1 0.0230 0.48 0.19 4.31 209.0 10.0 285.4 2.0 0
0.00 74. 1010. 7 ADJ-A1 NoSubs
18 3 14 73 17 38.2 0.300 1.084 0.005 1200. 394. -63.5 0.0340 0.48 0.25 3.97 219.0 10.0 284.9 2.0 0
0.00 79. 1010. 3 ADJ-A1 NoSubs
18 3 14 73 18 -6.9 0.250 -9.000 -9.000 -999. 301. 203.8 0.0340 0.48 0.44 3.66 230.0 10.0 283.8 2.0 0
0.00 79. 1010. 3 ADJ-A1 NoSubs
18 3 14 73 19 -12.1 0.145 -9.000 -9.000 -999. 138. 23.2 0.0340 0.48 1.00 2.25 229.0 10.0 282.0 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 3 14 73 20 -4.1 0.083 -9.000 -9.000 -999. 58. 12.4 0.0250 0.48 1.00 1.38 284.0 10.0 282.0 2.0 0

0.00 89. 1010. 0 ADJ-A1 NoSubs
18 3 14 73 21 -8.2 0.118 -9.000 -9.000 -999. 98. 18.1 0.0310 0.48 1.00 1.89 307.0 10.0 280.9 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
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0.00 85. 1013. 3 ADJ-A1 NoSubs
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0.00 76. 1013. 7 ADJ-A1 NoSubs
18 3 15 74 10 75.8 0.168 1.181 0.005 785. 166. -5.7 0.0300 0.48 0.18 1.86 101.0 10.0 283.8 2.0 0
0.00 73. 1013. 7 ADJ-A1 NoSubs
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0.00 68. 1013. 10 ADJ-A1 NoSubs
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0.00 68. 1012. 10 ADJ-A1 NoSubs
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0.30 82. 1012. 10 ADJ-A1 NoSubs
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0.80 999. 1011. 10 ADJ-A1 NoSubs
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0.30 999. 1011. 10 ADJ-A1 NoSubs
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0.00 999. 1010. 10 ADJ-A1 NoSubs
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0.80 100. 1010. 10 ADJ-A1 NoSubs
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0.80 100. 1010. 10 ADJ-A1 NoSubs
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0.50 100. 1009. 10 ADJ-A1 NoSubs
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0.30 100. 1008. 10 ADJ-A1 NoSubs
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5.80 999. 1007. 10 ADJ-A1 NoSubs
18 3 16 75 5 -4.6 0.088 -9.000 -9.000 -999. 97. 13.3 0.0280 0.48 1.00 1.45 251.0 10.0 282.0 2.0 11
0.80 999. 1007. 10 ADJ-A1 NoSubs
18 3 16 75 6 -9.0 0.125 -9.000 -9.000 -999. 106. 19.5 0.0370 0.48 1.00 1.93 178.0 10.0 282.5 2.0 11
0.80 100. 1007. 10 ADJ-A1 NoSubs
18 3 16 75 7 -4.1 0.083 -9.000 -9.000 -999. 57. 12.5 0.0250 0.48 0.67 1.38 296.0 10.0 282.5 2.0 11
0.50 999. 1007. 10 ADJ-A1 NoSubs
18 3 16 75 8 0.6 0.158 0.081 0.005 30. 151. -556.0 0.0280 0.48 0.32 2.30 266.0 10.0 282.5 2.0 11
0.30 100. 1007. 10 ADJ-A1 NoSubs
18 3 16 75 9 11.6 0.117 0.352 0.005 135. 96. -12.3 0.0340 0.48 0.21 1.37 231.0 10.0 283.1 2.0 11
0.30 100. 1008. 10 ADJ-A1 NoSubs
18 3 16 75 10 20.7 0.224 0.530 0.005 259. 255. -49.1 0.0340 0.48 0.18 2.93 210.0 10.0 283.1 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 3 16 75 11 27.4 0.210 0.677 0.005 406. 231. -30.2 0.0230 0.48 0.17 2.86 200.0 10.0 284.2 2.0 11
1.00 100. 1008. 10 ADJ-A1 NoSubs
18 3 16 75 12 108.8 0.441 1.312 0.005 747. 703. -70.9 0.0340 0.48 0.16 5.87 224.0 10.0 284.9 2.0 0
0.00 76. 1008. 7 ADJ-A1 NoSubs
18 3 16 75 13 111.4 0.529 1.428 0.005 941. 924. -119.7 0.0340 0.48 0.16 7.20 231.0 10.0 285.4 2.0 0
0.00 74. 1008. 7 ADJ-A1 NoSubs
18 3 16 75 14 127.5 0.527 1.550 0.005 1051. 919. -103.1 0.0340 0.48 0.17 7.13 233.0 10.0 285.9 2.0 0
0.00 66. 1007. 0 ADJ-A1 NoSubs
18 3 16 75 15 107.4 0.521 1.502 0.005 1135. 902. -118.1 0.0340 0.48 0.17 7.08 228.0 10.0 285.9 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
18 3 16 75 16 76.2 0.527 1.361 0.005 1189. 918. -172.5 0.0340 0.48 0.19 7.25 227.0 10.0 284.9 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
18 3 16 75 17 35.7 0.482 1.065 0.005 1213. 805. -280.7 0.0340 0.48 0.24 6.70 231.0 10.0 284.2 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
18 3 16 75 18 -7.4 0.355 -9.000 -9.000 -999. 519. 539.2 0.0340 0.48 0.43 5.10 232.0 10.0 283.1 2.0 0
0.00 67. 1008. 3 ADJ-A1 NoSubs
18 3 16 75 19 -22.4 0.223 -9.000 -9.000 -999. 266. 54.9 0.0340 0.48 1.00 3.37 231.0 10.0 280.9 2.0 0
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18 3 16 75 20 -7.9 0.115 -9.000 -9.000 -999. 102. 17.5 0.0280 0.48 1.00 1.88 258.0 10.0 281.4 2.0 0
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18 3 16 75 21 -9.2 0.125 -9.000 -9.000 -999. 106. 19.1 0.0310 0.48 1.00 1.99 318.0 10.0 279.2 2.0 0
0.00 88. 1009. 7 ADJ-A1 NoSubs
18 3 16 75 22 -12.8 0.148 -9.000 -9.000 -999. 137. 24.2 0.0310 0.48 1.00 2.33 318.0 10.0 279.2 2.0 11
0.50 92. 1010. 7 ADJ-A1 NoSubs
18 3 16 75 23 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0310 0.48 1.00 1.72 310.0 10.0 279.2 2.0 11
1.30 92. 1010. 7 ADJ-A1 NoSubs
18 3 16 75 24 -5.6 0.097 -9.000 -9.000 -999. 73. 14.6 0.0310 0.48 1.00 1.57 319.0 10.0 278.1 2.0 0
0.00 100. 1010. 3 ADJ-A1 NoSubs
18 3 17 76 1 -5.0 0.091 -9.000 -9.000 -999. 66. 13.7 0.0310 0.48 1.00 1.47 310.0 10.0 278.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 3 17 76 2 -6.8 0.108 -9.000 -9.000 -999. 85. 16.5 0.0360 0.48 1.00 1.69 336.0 10.0 278.8 2.0 0

0.00 100. 1010. 10 ADJ-A1 NoSubs
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0.50 100. 1010. 7 ADJ-A1 NoSubs
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0.00 100. 1010. 5 ADJ-A1 NoSubs
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0.00 100. 1010. 10 ADJ-A1 NoSubs
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0.00 100. 1010. 10 ADJ-A1 NoSubs
18 3 17 76 7 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0270 0.48 0.66 1.45 60.0 10.0 279.9 2.0 11
0.30 999. 1011. 10 ADJ-A1 NoSubs
18 3 17 76 8 15.0 0.153 0.472 0.005 252. 144. -21.6 0.0270 0.48 0.31 1.98 63.0 10.0 280.4 2.0 0
0.00 100. 1010. 7 ADJ-A1 NoSubs
18 3 17 76 9 11.7 0.138 0.472 0.005 322. 123. -20.1 0.0270 0.48 0.21 1.77 86.0 10.0 282.0 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
18 3 17 76 10 20.9 0.148 0.623 0.005 417. 137. -14.1 0.0300 0.48 0.18 1.81 108.0 10.0 282.5 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
18 3 17 76 11 98.1 0.146 1.240 0.005 701. 134. -2.9 0.0340 0.48 0.17 1.43 131.0 10.0 284.9 2.0 0
0.00 71. 1011. 7 ADJ-A1 NoSubs
18 3 17 76 12 130.2 0.158 1.508 0.005 951. 151. -2.7 0.0370 0.48 0.16 1.50 179.0 10.0 284.2 2.0 0
0.00 68. 1011. 5 ADJ-A1 NoSubs
18 3 17 76 13 133.3 0.354 1.596 0.005 1102. 506. -30.0 0.0340 0.48 0.16 4.48 218.0 10.0 284.9 2.0 0
0.00 68. 1011. 5 ADJ-A1 NoSubs
18 3 17 76 14 131.2 0.338 1.642 0.005 1217. 472. -26.5 0.0280 0.48 0.17 4.40 240.0 10.0 285.9 2.0 0
0.00 63. 1011. 3 ADJ-A1 NoSubs
18 3 17 76 15 108.3 0.352 1.575 0.005 1304. 501. -36.3 0.0340 0.48 0.17 4.51 227.0 10.0 285.9 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
18 3 17 76 16 16.9 0.238 0.849 0.005 1310. 286. -71.8 0.0250 0.48 0.19 3.35 284.0 10.0 282.0 2.0 11
0.80 79. 1012. 10 ADJ-A1 NoSubs
18 3 17 76 17 6.9 0.076 0.631 0.005 1316. 85. -5.8 0.0310 0.48 0.24 0.84 313.0 10.0 282.5 2.0 0
0.00 76. 1012. 10 ADJ-A1 NoSubs
18 3 17 76 18 -1.6 0.089 -9.000 -9.000 -999. 63. 39.5 0.0300 0.48 0.42 1.37 13.0 10.0 282.5 2.0 0
0.00 83. 1012. 3 ADJ-A1 NoSubs
18 3 17 76 19 -3.0 0.072 -9.000 -9.000 -999. 47. 11.6 0.0310 0.48 1.00 1.11 317.0 10.0 280.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 3 17 76 20 -5.0 0.091 -9.000 -9.000 -999. 66. 13.7 0.0310 0.48 1.00 1.47 320.0 10.0 279.9 2.0 0
0.00 95. 1012. 0 ADJ-A1 NoSubs
18 3 17 76 21 -7.2 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.48 1.00 1.76 306.0 10.0 278.8 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
18 3 17 76 22 -9.0 0.123 -9.000 -9.000 -999. 103. 18.7 0.0310 0.48 1.00 1.96 322.0 10.0 278.1 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
18 3 17 76 23 -13.6 0.152 -9.000 -9.000 -999. 143. 25.6 0.0310 0.48 1.00 2.39 307.0 10.0 277.5 2.0 0
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18 3 18 77 1 -7.0 0.108 -9.000 -9.000 -999. 85. 16.3 0.0310 0.48 1.00 1.74 325.0 10.0 276.4 2.0 0
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18 3 18 77 2 -7.0 0.108 -9.000 -9.000 -999. 85. 16.3 0.0310 0.48 1.00 1.74 329.0 10.0 276.4 2.0 0
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18 3 18 77 3 -2.7 0.070 -9.000 -9.000 -999. 45. 11.4 0.0310 0.48 1.00 1.04 300.0 10.0 275.9 2.0 0
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18 3 18 77 4 -4.5 0.087 -9.000 -9.000 -999. 62. 13.3 0.0360 0.48 1.00 1.37 334.0 10.0 276.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
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18 3 18 77 9 57.0 0.132 0.789 0.005 312. 116. -3.7 0.0300 0.48 0.21 1.38 93.0 10.0 281.4 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
18 3 18 77 10 93.6 0.172 1.065 0.005 468. 171. -4.9 0.0270 0.48 0.18 1.91 76.0 10.0 283.1 2.0 0
0.00 76. 1017. 0 ADJ-A1 NoSubs
18 3 18 77 11 120.0 0.227 1.300 0.005 665. 260. -8.9 0.0270 0.48 0.17 2.70 87.0 10.0 285.4 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
18 3 18 77 12 135.0 0.234 1.462 0.005 840. 271. -8.6 0.0300 0.48 0.16 2.71 92.0 10.0 286.4 2.0 0
0.00 50. 1017. 0 ADJ-A1 NoSubs
18 3 18 77 13 138.2 0.187 1.518 0.005 920. 194. -4.3 0.0270 0.48 0.16 2.03 85.0 10.0 287.0 2.0 0
0.00 44. 1017. 0 ADJ-A1 NoSubs
18 3 18 77 14 129.3 0.227 1.521 0.005 987. 259. -8.1 0.0340 0.48 0.17 2.54 217.0 10.0 285.9 2.0 0
0.00 63. 1016. 0 ADJ-A1 NoSubs
18 3 18 77 15 108.9 0.277 1.536 0.005 1209. 350. -17.7 0.0280 0.48 0.17 3.49 251.0 10.0 284.9 2.0 0
0.00 65. 1016. 0 ADJ-A1 NoSubs
18 3 18 77 16 77.8 0.259 1.430 0.005 1364. 316. -20.2 0.0280 0.48 0.19 3.30 245.0 10.0 284.9 2.0 0
0.00 58. 1016. 0 ADJ-A1 NoSubs
18 3 18 77 17 37.4 0.150 1.130 0.006 1397. 146. -8.2 0.0280 0.48 0.24 1.76 256.0 10.0 284.9 2.0 0
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18 3 18 77 18 -2.4 0.083 -9.000 -9.000 -999. 59. 21.9 0.0230 0.48 0.42 1.38 199.0 10.0 283.1 2.0 0
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18 3 18 77 19 -3.2 0.074 -9.000 -9.000 -999. 49. 11.7 0.0310 0.48 1.00 1.16 303.0 10.0 283.8 2.0 0
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18 3 19 78 1 -6.3 0.102 -9.000 -9.000 -999. 79. 15.4 0.0310 0.48 1.00 1.65 319.0 10.0 278.1 2.0 0
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0.00 85. 1014. 0 ADJ-A1 NoSubs
18 3 19 78 8 14.6 0.217 0.334 0.007 92. 243. -63.3 0.0270 0.48 0.30 3.00 85.0 10.0 281.4 2.0 0

0.00 73. 1015. 0 ADJ-A1 NoSubs
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0.00 68. 1014. 0 ADJ-A1 NoSubs
18 3 19 78 10 95.5 0.279 1.021 0.005 404. 354. -20.6 0.0270 0.48 0.18 3.59 67.0 10.0 287.0 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
18 3 19 78 11 121.8 0.365 1.208 0.005 523. 528. -36.0 0.0270 0.48 0.17 4.88 87.0 10.0 288.8 2.0 0
0.00 43. 1014. 0 ADJ-A1 NoSubs
18 3 19 78 12 137.1 0.356 1.422 0.005 758. 509. -29.6 0.0270 0.48 0.16 4.70 85.0 10.0 290.9 2.0 0
0.00 36. 1013. 0 ADJ-A1 NoSubs
18 3 19 78 13 140.1 0.286 1.556 0.007 971. 370. -15.1 0.0270 0.48 0.16 3.58 87.0 10.0 290.9 2.0 0
0.00 39. 1012. 0 ADJ-A1 NoSubs
18 3 19 78 14 131.9 0.241 1.568 0.007 1055. 284. -9.5 0.0270 0.48 0.16 2.88 83.0 10.0 292.5 2.0 0
0.00 36. 1011. 0 ADJ-A1 NoSubs
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0.00 37. 1011. 0 ADJ-A1 NoSubs
18 3 19 78 16 79.7 0.286 1.358 0.006 1135. 368. -26.5 0.0340 0.48 0.19 3.59 239.0 10.0 289.9 2.0 0
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0.00 53. 1011. 0 ADJ-A1 NoSubs
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0.00 68. 1012. 0 ADJ-A1 NoSubs
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0.00 71. 1012. 0 ADJ-A1 NoSubs
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0 0.00 79. 1011. 3 ADJ-SFC NoSubs
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0.00 71. 1010. 10 ADJ-SFC NoSubs
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0.00 65. 1010. 10 ADJ-SFC NoSubs
18 3 20 79 2 -18.0 0.182 -9.000 -9.000 -999. 186. 36.3 0.0280 0.48 1.00 2.86 258.0 10.0 284.9 2.0 0
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0.00 60. 1010. 10 ADJ-SFC NoSubs
18 3 20 79 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 284.2 2.0 0
0.00 71. 1010. 10 ADJ-SFC NoSubs
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0.00 65. 1010. 10 ADJ-SFC NoSubs
18 3 20 79 6 -6.7 0.105 -9.000 -9.000 -999. 82. 15.8 0.0250 0.48 1.00 1.76 297.0 10.0 283.8 2.0 0
0.00 76. 1009. 10 ADJ-SFC NoSubs
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0.30 79. 1010. 10 ADJ-A1 NoSubs
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0.30 79. 1011. 10 ADJ-A1 NoSubs
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0.30 96. 1011. 10 ADJ-A1 NoSubs
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0.50 100. 1011. 10 ADJ-A1 NoSubs
18 3 20 79 11 28.6 0.169 0.594 0.005 263. 166. -15.1 0.0270 0.48 0.17 2.11 65.0 10.0 284.9 2.0 0

0.00 96. 1010. 10 ADJ-A1 NoSubs
18 3 20 79 12 32.3 0.208 0.667 0.005 330. 228. -25.3 0.0300 0.48 0.16 2.67 47.0 10.0 284.9 2.0 11
0.30 100. 1010. 10 ADJ-A1 NoSubs
18 3 20 79 13 33.0 0.202 0.708 0.005 387. 217. -22.3 0.0270 0.48 0.16 2.61 66.0 10.0 284.9 2.0 11
1.00 85. 1010. 10 ADJ-A1 NoSubs
18 3 20 79 14 30.7 0.172 0.726 0.005 448. 172. -15.0 0.0300 0.48 0.16 2.11 90.0 10.0 284.2 2.0 11
4.10 100. 1009. 10 ADJ-A1 NoSubs
18 3 20 79 15 25.6 0.268 0.709 0.005 500. 333. -67.5 0.0270 0.48 0.17 3.71 87.0 10.0 283.8 2.0 11
2.50 100. 1007. 10 ADJ-A1 NoSubs
18 3 20 79 16 17.8 0.313 0.642 0.005 533. 421. -155.4 0.0270 0.48 0.19 4.48 85.0 10.0 283.8 2.0 11
1.00 100. 1007. 10 ADJ-A1 NoSubs
18 3 20 79 17 36.0 0.186 0.843 0.005 596. 203. -16.2 0.0300 0.48 0.24 2.30 119.0 10.0 284.9 2.0 11
0.30 92. 1007. 7 ADJ-A1 NoSubs
18 3 20 79 18 -12.9 0.270 -9.000 -9.000 -999. 337. 137.3 0.0340 0.48 0.41 3.98 130.0 10.0 285.4 2.0 0
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18 3 20 79 19 -7.4 0.112 -9.000 -9.000 -999. 113. 17.2 0.0300 0.48 1.00 1.81 8.0 10.0 284.9 2.0 0
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0.00 82. 1007. 10 ADJ-A1 NoSubs
18 3 20 79 21 -15.1 0.162 -9.000 -9.000 -999. 157. 29.0 0.0270 0.48 1.00 2.59 88.0 10.0 284.9 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 3 20 79 22 -6.1 0.102 -9.000 -9.000 -999. 79. 15.5 0.0310 0.48 1.00 1.64 304.0 10.0 284.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 3 20 79 23 -8.9 0.123 -9.000 -9.000 -999. 103. 18.7 0.0250 0.48 1.00 2.03 289.0 10.0 284.9 2.0 11
1.00 92. 1006. 10 ADJ-A1 NoSubs
18 3 20 79 24 -7.1 0.109 -9.000 -9.000 -999. 87. 16.4 0.0250 0.48 1.00 1.82 296.0 10.0 284.2 2.0 11
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18 3 21 80 1 -10.8 0.137 -9.000 -9.000 -999. 121. 21.3 0.0310 0.48 1.00 2.16 301.0 10.0 284.9 2.0 11
2.80 96. 1006. 10 ADJ-A1 NoSubs
18 3 21 80 2 -7.9 0.115 -9.000 -9.000 -999. 94. 17.4 0.0250 0.48 1.00 1.91 296.0 10.0 284.9 2.0 11
0.80 100. 1006. 10 ADJ-A1 NoSubs
18 3 21 80 3 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.48 1.00 1.60 301.0 10.0 284.9 2.0 11
1.00 100. 1005. 10 ADJ-A1 NoSubs
18 3 21 80 4 -4.3 0.085 -9.000 -9.000 -999. 60. 12.9 0.0280 0.48 1.00 1.40 266.0 10.0 284.9 2.0 11
1.00 999. 1005. 10 ADJ-A1 NoSubs
18 3 21 80 5 -2.1 0.065 -9.000 -9.000 -999. 40. 11.5 0.0300 0.48 1.00 0.91 47.0 10.0 284.9 2.0 11
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18 3 21 80 6 -6.4 0.105 -9.000 -9.000 -999. 82. 16.2 0.0360 0.48 1.00 1.65 345.0 10.0 284.9 2.0 11
1.00 999. 1005. 10 ADJ-A1 NoSubs
18 3 21 80 7 -4.1 0.085 -9.000 -9.000 -999. 59. 13.4 0.0310 0.48 0.60 1.37 320.0 10.0 285.9 2.0 11
1.80 999. 1005. 10 ADJ-A1 NoSubs
18 3 21 80 8 2.7 0.116 0.166 0.005 60. 95. -51.5 0.0310 0.48 0.29 1.55 308.0 10.0 285.9 2.0 11
1.80 999. 1005. 10 ADJ-A1 NoSubs
18 3 21 80 9 13.9 0.108 0.370 0.005 130. 85. -8.0 0.0310 0.48 0.20 1.23 328.0 10.0 287.0 2.0 11
2.50 999. 1005. 10 ADJ-A1 NoSubs
18 3 21 80 10 23.0 0.123 0.500 0.005 194. 104. -7.3 0.0360 0.48 0.18 1.35 338.0 10.0 287.5 2.0 11
3.00 999. 1006. 10 ADJ-A1 NoSubs
18 3 21 80 11 29.4 0.144 0.623 0.005 294. 131. -9.1 0.0310 0.48 0.17 1.67 312.0 10.0 287.5 2.0 11
1.80 999. 1006. 10 ADJ-A1 NoSubs
18 3 21 80 12 33.4 0.163 0.730 0.006 419. 158. -11.7 0.0310 0.48 0.16 1.94 314.0 10.0 288.8 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 3 21 80 13 34.4 0.154 0.791 0.007 517. 145. -9.5 0.0310 0.48 0.16 1.79 317.0 10.0 289.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 3 21 80 14 109.5 0.190 1.287 0.009 699. 199. -5.6 0.0310 0.48 0.16 2.08 302.0 10.0 290.9 2.0 0

0.00 89. 1005. 7 ADJ-A1 NoSubs
18 3 21 80 15 110.6 0.302 1.334 0.009 770. 397. -22.2 0.0340 0.48 0.17 3.73 230.0 10.0 289.2 2.0 0
0.00 86. 1005. 5 ADJ-A1 NoSubs
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0.00 83. 1005. 10 ADJ-A1 NoSubs
18 3 21 80 17 8.9 0.165 0.580 0.009 787. 161. -45.2 0.0250 0.48 0.24 2.27 280.0 10.0 288.8 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
18 3 21 80 18 3.1 0.126 0.411 0.009 789. 108. -57.3 0.0250 0.48 0.40 1.76 296.0 10.0 288.8 2.0 0
0.00 86. 1004. 7 ADJ-A1 NoSubs
18 3 21 80 19 -6.1 0.101 -9.000 -9.000 -999. 77. 15.2 0.0250 0.48 1.00 1.69 284.0 10.0 288.1 2.0 0
0.00 93. 1004. 7 ADJ-A1 NoSubs
18 3 21 80 20 -8.1 0.117 -9.000 -9.000 -999. 96. 17.8 0.0250 0.48 1.00 1.94 293.0 10.0 288.1 2.0 11
0.30 93. 1005. 10 ADJ-A1 NoSubs
18 3 21 80 21 -17.5 0.179 -9.000 -9.000 -999. 182. 35.3 0.0340 0.48 1.00 2.73 222.0 10.0 287.5 2.0 11
3.00 999. 1006. 10 ADJ-A1 NoSubs
18 3 21 80 22 -9.6 0.129 -9.000 -9.000 -999. 112. 20.1 0.0300 0.48 1.00 2.06 47.0 10.0 287.5 2.0 11
2.80 999. 1006. 10 ADJ-A1 NoSubs
18 3 21 80 23 -6.8 0.108 -9.000 -9.000 -999. 85. 16.5 0.0300 0.48 1.00 1.74 45.0 10.0 287.5 2.0 11
1.30 999. 1004. 10 ADJ-A1 NoSubs
18 3 21 80 24 -2.7 0.070 -9.000 -9.000 -999. 44. 11.4 0.0300 0.48 1.00 1.06 97.0 10.0 287.5 2.0 11
1.30 999. 1004. 10 ADJ-A1 NoSubs
18 3 22 81 1 -6.4 0.104 -9.000 -9.000 -999. 80. 15.6 0.0230 0.48 1.00 1.76 184.0 10.0 287.5 2.0 11
1.30 999. 1004. 10 ADJ-A1 NoSubs
18 3 22 81 2 -19.4 0.200 -9.000 -9.000 -999. 214. 43.8 0.0370 0.48 1.00 2.98 168.0 10.0 288.1 2.0 11
1.00 999. 1003. 10 ADJ-A1 NoSubs
18 3 22 81 3 -19.6 0.201 -9.000 -9.000 -999. 216. 44.4 0.0370 0.48 1.00 3.00 170.0 10.0 287.5 2.0 11
1.50 999. 1002. 10 ADJ-A1 NoSubs
18 3 22 81 4 -13.9 0.155 -9.000 -9.000 -999. 147. 26.5 0.0230 0.48 1.00 2.55 188.0 10.0 287.5 2.0 11
1.50 999. 1002. 10 ADJ-A1 NoSubs
18 3 22 81 5 -24.2 0.248 -9.000 -9.000 -999. 296. 67.4 0.0370 0.48 1.00 3.66 176.0 10.0 287.0 2.0 11
3.80 999. 1003. 10 ADJ-A1 NoSubs
18 3 22 81 6 -42.1 0.431 -9.000 -9.000 -999. 679. 204.3 0.0370 0.48 1.00 6.23 179.0 10.0 287.0 2.0 11
1.50 999. 1003. 10 ADJ-A1 NoSubs
18 3 22 81 7 -49.6 0.550 -9.000 -9.000 -999. 978. 332.7 0.0370 0.48 0.59 7.86 177.0 10.0 287.0 2.0 11
0.50 999. 1004. 10 ADJ-A1 NoSubs
18 3 22 81 8 3.3 0.520 0.227 0.005 128. 900. -3851.2 0.0230 0.48 0.29 7.88 183.0 10.0 287.0 2.0 11
0.50 999. 1004. 10 ADJ-A1 NoSubs
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0.30 999. 1005. 10 ADJ-A1 NoSubs
18 3 22 81 10 23.2 0.509 0.640 0.005 406. 877. -510.3 0.0230 0.48 0.17 7.64 192.0 10.0 287.0 2.0 11
1.50 999. 1006. 10 ADJ-A1 NoSubs
18 3 22 81 11 29.7 0.486 0.761 0.005 532. 814. -346.7 0.0230 0.48 0.17 7.26 192.0 10.0 287.5 2.0 0
0.00 999. 1007. 10 ADJ-A1 NoSubs
18 3 22 81 12 33.2 0.455 0.819 0.005 594. 739. -255.4 0.0230 0.48 0.16 6.77 198.0 10.0 287.0 2.0 11
0.30 999. 1007. 10 ADJ-A1 NoSubs
18 3 22 81 13 34.0 0.343 0.850 0.005 647. 492. -106.7 0.0340 0.48 0.16 4.65 227.0 10.0 287.6 2.0 0
0.00 999. 1007. 10 ADJ-A1 Sub_TT
18 3 22 81 14 32.0 0.245 0.851 0.005 692. 297. -41.4 0.0280 0.48 0.16 3.29 257.0 10.0 288.1 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
18 3 22 81 15 111.1 0.361 1.363 0.005 821. 521. -38.1 0.0280 0.48 0.17 4.82 246.0 10.0 288.1 2.0 0
0.00 68. 1008. 5 ADJ-A1 NoSubs
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0.00 64. 1009. 3 ADJ-A1 NoSubs
18 3 22 81 17 37.6 0.272 0.994 0.005 940. 343. -48.3 0.0250 0.48 0.23 3.76 281.0 10.0 287.0 2.0 0

0.00 61. 1010. 7 ADJ-A1 NoSubs
18 3 22 81 18 -5.8 0.276 -9.000 -9.000 -999. 348. 326.9 0.0280 0.48 0.40 4.14 264.0 10.0 283.8 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
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0.00 65. 1012. 10 ADJ-A1 NoSubs
18 3 22 81 20 -26.4 0.262 -9.000 -9.000 -999. 323. 75.6 0.0250 0.48 1.00 4.14 270.0 10.0 281.4 2.0 0
0.00 68. 1013. 3 ADJ-A1 NoSubs
18 3 22 81 21 -15.5 0.163 -9.000 -9.000 -999. 163. 29.3 0.0280 0.48 1.00 2.59 265.0 10.0 280.9 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
18 3 22 81 22 -4.2 0.084 -9.000 -9.000 -999. 61. 12.8 0.0310 0.48 1.00 1.35 322.0 10.0 279.2 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
18 3 22 81 23 -9.5 0.126 -9.000 -9.000 -999. 108. 19.3 0.0310 0.48 1.00 2.01 312.0 10.0 277.5 2.0 0
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0.00 89. 1016. 3 ADJ-A1 NoSubs
18 3 23 82 1 -13.1 0.150 -9.000 -9.000 -999. 139. 24.6 0.0310 0.48 1.00 2.35 308.0 10.0 277.0 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
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0.00 92. 1017. 3 ADJ-A1 NoSubs
18 3 23 82 3 -12.3 0.144 -9.000 -9.000 -999. 131. 22.9 0.0310 0.48 1.00 2.27 311.0 10.0 276.4 2.0 0
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0.00 92. 1018. 0 ADJ-A1 NoSubs
18 3 23 82 6 -8.7 0.121 -9.000 -9.000 -999. 101. 18.3 0.0310 0.48 1.00 1.93 316.0 10.0 275.9 2.0 0
0.00 95. 1018. 0 ADJ-A1 NoSubs
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0.00 92. 1019. 0 ADJ-A1 NoSubs
18 3 23 82 8 19.2 0.093 0.374 0.005 99. 68. -3.8 0.0300 0.48 0.29 0.97 38.0 10.0 279.9 2.0 0
0.00 85. 1019. 0 ADJ-A1 NoSubs
18 3 23 82 9 63.2 0.165 0.972 0.005 529. 160. -6.4 0.0270 0.48 0.20 1.89 85.0 10.0 282.5 2.0 0
0.00 76. 1018. 0 ADJ-A1 NoSubs
18 3 23 82 10 99.5 0.149 1.341 0.005 881. 138. -3.0 0.0340 0.48 0.17 1.47 129.0 10.0 284.9 2.0 0
0.00 60. 1018. 0 ADJ-A1 NoSubs
18 3 23 82 11 125.5 0.145 1.510 0.005 997. 132. -2.2 0.0340 0.48 0.17 1.35 140.0 10.0 286.4 2.0 0
0.00 56. 1018. 0 ADJ-A1 NoSubs
18 3 23 82 12 140.0 0.206 1.608 0.005 1079. 225. -5.7 0.0370 0.48 0.16 2.17 174.0 10.0 287.0 2.0 0
0.00 52. 1017. 0 ADJ-A1 NoSubs
18 3 23 82 13 142.9 0.375 1.656 0.005 1154. 551. -33.5 0.0340 0.48 0.16 4.78 223.0 10.0 287.5 2.0 0
0.00 57. 1017. 0 ADJ-A1 NoSubs
18 3 23 82 14 133.9 0.446 1.693 0.006 1316. 715. -60.2 0.0340 0.48 0.16 5.89 231.0 10.0 287.0 2.0 0
0.00 54. 1016. 0 ADJ-A1 NoSubs
18 3 23 82 15 113.3 0.461 1.653 0.006 1446. 750. -78.2 0.0340 0.48 0.17 6.16 235.0 10.0 286.4 2.0 0
0.00 61. 1016. 0 ADJ-A1 NoSubs
18 3 23 82 16 81.9 0.474 1.500 0.008 1494. 784. -118.1 0.0340 0.48 0.18 6.45 237.0 10.0 285.9 2.0 0
0.00 66. 1016. 0 ADJ-A1 NoSubs
18 3 23 82 17 41.3 0.445 1.198 0.009 1508. 713. -193.0 0.0340 0.48 0.23 6.14 230.0 10.0 285.4 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
18 3 23 82 18 1.1 0.390 0.362 0.009 1507. 586. -4728.8 0.0340 0.48 0.40 5.53 232.0 10.0 284.2 2.0 0
0.00 71. 1015. 3 ADJ-A1 NoSubs
18 3 23 82 19 -31.0 0.309 -9.000 -9.000 -999. 416. 105.1 0.0340 0.48 1.00 4.60 230.0 10.0 283.1 2.0 0
0.00 73. 1015. 7 ADJ-A1 NoSubs
18 3 23 82 20 -5.2 0.092 -9.000 -9.000 -999. 138. 13.8 0.0250 0.48 1.00 1.55 290.0 10.0 283.1 2.0 0

0.00 73. 1016. 0 ADJ-A1 NoSubs
18 3 23 82 21 -5.5 0.096 -9.000 -9.000 -999. 72. 14.5 0.0310 0.48 1.00 1.55 323.0 10.0 280.9 2.0 0
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18 3 23 82 22 -10.3 0.133 -9.000 -9.000 -999. 116. 20.4 0.0310 0.48 1.00 2.10 318.0 10.0 279.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
18 3 23 82 23 -9.0 0.123 -9.000 -9.000 -999. 103. 18.8 0.0310 0.48 1.00 1.96 312.0 10.0 279.9 2.0 0
0.00 88. 1016. 7 ADJ-A1 NoSubs
18 3 23 82 24 -4.7 0.089 -9.000 -9.000 -999. 63. 13.4 0.0310 0.48 1.00 1.43 320.0 10.0 279.9 2.0 0
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1.00 89. 1013. 10 ADJ-A1 NoSubs
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0.00 92. 1015. 0 ADJ-A1 NoSubs
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0.00 82. 1016. 0 ADJ-A1 NoSubs
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0.00 79. 1016. 3 ADJ-A1 NoSubs
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18 3 25 84 11 29.6 0.165 0.783 0.005 586. 160. -13.7 0.0230 0.48 0.17 2.11 197.0 10.0 283.1 2.0 11
0.80 73. 1016. 10 ADJ-A1 NoSubs
18 3 25 84 12 144.2 0.200 1.553 0.005 942. 214. -5.0 0.0230 0.48 0.16 2.30 193.0 10.0 285.4 2.0 11
0.30 74. 1016. 3 ADJ-A1 NoSubs
18 3 25 84 13 33.9 0.248 0.976 0.005 993. 296. -40.6 0.0230 0.48 0.16 3.44 205.0 10.0 283.8 2.0 11
0.50 82. 1016. 10 ADJ-A1 NoSubs
18 3 25 84 14 32.1 0.235 0.975 0.005 1044. 273. -36.5 0.0230 0.48 0.16 3.24 196.0 10.0 285.9 2.0 0
0.00 66. 1015. 10 ADJ-A1 NoSubs
18 3 25 84 15 112.7 0.219 1.558 0.005 1216. 245. -8.4 0.0340 0.48 0.17 2.46 229.0 10.0 285.4 2.0 0
0.00 63. 1015. 5 ADJ-A1 NoSubs
18 3 25 84 16 70.5 0.207 1.372 0.005 1327. 226. -11.3 0.0340 0.48 0.18 2.40 226.0 10.0 285.4 2.0 0
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18 3 25 84 17 43.0 0.243 1.176 0.005 1366. 287. -30.0 0.0340 0.48 0.23 3.07 228.0 10.0 286.4 2.0 0
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0.00 48. 1014. 0 ADJ-A1 NoSubs
18 3 25 84 19 -26.7 0.266 -9.000 -9.000 -999. 330. 77.9 0.0250 0.48 1.00 4.20 272.0 10.0 282.5 2.0 0
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18 3 25 84 20 -14.6 0.159 -9.000 -9.000 -999. 157. 27.6 0.0280 0.48 1.00 2.52 266.0 10.0 281.4 2.0 0
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18 3 25 84 21 -9.4 0.126 -9.000 -9.000 -999. 108. 19.2 0.0280 0.48 1.00 2.04 267.0 10.0 281.4 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
18 3 25 84 22 -10.6 0.133 -9.000 -9.000 -999. 117. 20.4 0.0280 0.48 1.00 2.15 253.0 10.0 279.9 2.0 0
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18 3 25 84 23 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0360 0.48 1.00 1.69 336.0 10.0 279.2 2.0 0
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0.00 85. 1017. 0 ADJ-A1 NoSubs
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0.00 59. 1017. 0 ADJ-A1 NoSubs
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0.00 53. 1017. 0 ADJ-A1 NoSubs
18 3 26 85 12 143.3 0.344 1.464 0.005 795. 484. -25.8 0.0230 0.48 0.16 4.64 202.0 10.0 289.2 2.0 0
0.00 51. 1016. 0 ADJ-A1 NoSubs
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0.00 32. 1016. 0 ADJ-A1 NoSubs
18 3 26 85 14 137.6 0.313 1.867 0.007 1716. 420. -20.1 0.0360 0.48 0.16 3.79 333.0 10.0 292.0 2.0 0
0.00 26. 1015. 0 ADJ-A1 NoSubs
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0.00 28. 1015. 0 ADJ-A1 NoSubs
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0.00 31. 1015. 0 ADJ-A1 Sub_CC
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0.00 88. 1017. 0 ADJ-A1 NoSubs
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0.00 92. 1018. 0 ADJ-A1 NoSubs
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0.00 79. 1018. 0 ADJ-A1 NoSubs
18 3 27 86 9 68.2 0.128 0.705 0.006 187. 110. -2.8 0.0300 0.48 0.20 1.28 116.0 10.0 284.9 2.0 0
0.00 71. 1019. 0 ADJ-A1 NoSubs
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0.00 49. 1018. 0 ADJ-A1 NoSubs
18 3 27 86 12 144.5 0.251 1.439 0.005 750. 302. -10.0 0.0230 0.48 0.16 3.12 185.0 10.0 290.4 2.0 0
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18 3 27 86 13 147.2 0.265 1.542 0.005 905. 328. -11.5 0.0230 0.48 0.16 3.34 192.0 10.0 290.9 2.0 0
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18 3 27 86 14 138.2 0.301 1.596 0.005 1068. 397. -17.9 0.0230 0.48 0.16 3.95 208.0 10.0 291.4 2.0 0
0.00 41. 1016. 0 ADJ-A1 NoSubs
18 3 27 86 15 117.8 0.275 1.570 0.006 1191. 346. -16.0 0.0230 0.48 0.17 3.57 198.0 10.0 292.0 2.0 0
0.00 41. 1016. 0 ADJ-A1 NoSubs
18 3 27 86 16 86.5 0.252 1.448 0.009 1273. 304. -16.8 0.0230 0.48 0.18 3.29 197.0 10.0 292.0 2.0 0
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18 3 27 86 17 45.7 0.170 1.183 0.011 1312. 171. -9.7 0.0370 0.48 0.23 1.91 169.0 10.0 291.4 2.0 0
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18 3 27 86 19 -14.5 0.160 -9.000 -9.000 -999. 153. 28.1 0.0370 0.48 1.00 2.42 166.0 10.0 285.4 2.0 0
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18 3 27 86 21 -2.3 0.065 -9.000 -9.000 -999. 42. 10.9 0.0230 0.48 1.00 0.99 203.0 10.0 284.2 2.0 0
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18 3 27 86 22 -5.0 0.092 -9.000 -9.000 -999. 67. 13.9 0.0310 0.48 1.00 1.48 300.0 10.0 283.1 2.0 0
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18 3 27 86 23 -10.1 0.131 -9.000 -9.000 -999. 114. 20.3 0.0310 0.48 1.00 2.08 313.0 10.0 282.5 2.0 0
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0.00 92. 1016. 0 ADJ-A1 NoSubs
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0.00 68. 1016. 0 ADJ-A1 NoSubs
18 3 28 87 10 106.4 0.136 0.927 0.013 271. 120. -2.1 0.0340 0.48 0.17 1.26 146.0 10.0 291.4 2.0 0
0.00 53. 1016. 0 ADJ-A1 NoSubs
18 3 28 87 11 132.4 0.163 1.130 0.010 395. 158. -3.0 0.0370 0.48 0.16 1.57 160.0 10.0 293.8 2.0 0
0.00 52. 1015. 0 ADJ-A1 NoSubs
18 3 28 87 12 147.0 0.206 1.199 0.008 425. 225. -5.4 0.0230 0.48 0.16 2.40 180.0 10.0 295.4 2.0 0
0.00 43. 1015. 0 ADJ-A1 NoSubs
18 3 28 87 13 149.8 0.246 1.233 0.006 453. 294. -9.0 0.0230 0.48 0.16 3.03 201.0 10.0 296.4 2.0 0
0.00 37. 1014. 0 ADJ-A1 NoSubs
18 3 28 87 14 140.4 0.310 1.357 0.007 643. 414. -19.1 0.0340 0.48 0.16 3.78 226.0 10.0 295.9 2.0 0
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18 3 28 87 15 119.2 0.328 1.389 0.007 812. 451. -26.8 0.0340 0.48 0.17 4.12 236.0 10.0 294.2 2.0 0
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18 3 28 87 16 88.2 0.247 1.300 0.007 901. 297. -15.4 0.0280 0.48 0.18 3.07 242.0 10.0 295.4 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
18 3 28 87 17 46.6 0.229 1.058 0.007 917. 262. -23.2 0.0370 0.48 0.23 2.79 175.0 10.0 292.0 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 3 28 87 18 0.5 0.245 0.229 0.007 910. 291. -2788.6 0.0370 0.48 0.38 3.42 156.0 10.0 287.5 2.0 0
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18 3 28 87 19 -8.4 0.119 -9.000 -9.000 -999. 108. 17.9 0.0230 0.48 1.00 1.99 187.0 10.0 286.4 2.0 0
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18 3 28 87 20 -2.4 0.067 -9.000 -9.000 -999. 43. 11.6 0.0340 0.48 1.00 0.96 236.0 10.0 286.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 3 28 87 21 -3.4 0.076 -9.000 -9.000 -999. 50. 11.7 0.0250 0.48 1.00 1.25 290.0 10.0 285.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 3 28 87 22 -6.2 0.102 -9.000 -9.000 -999. 79. 15.6 0.0310 0.48 1.00 1.65 311.0 10.0 284.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 3 28 87 23 -6.1 0.102 -9.000 -9.000 -999. 78. 15.5 0.0310 0.48 1.00 1.64 317.0 10.0 284.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 3 28 87 24 -5.8 0.098 -9.000 -9.000 -999. 74. 15.0 0.0310 0.48 1.00 1.59 322.0 10.0 283.8 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 3 29 88 1 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.48 1.00 1.33 300.0 10.0 283.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 3 29 88 2 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0310 0.48 1.00 1.47 317.0 10.0 283.1 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 3 29 88 3 -6.5 0.105 -9.000 -9.000 -999. 82. 16.0 0.0310 0.48 1.00 1.69 322.0 10.0 283.1 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 3 29 88 4 -7.8 0.115 -9.000 -9.000 -999. 93. 17.6 0.0310 0.48 1.00 1.84 317.0 10.0 282.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 3 29 88 5 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0310 0.48 1.00 1.54 305.0 10.0 283.1 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
18 3 29 88 6 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0250 0.48 1.00 1.30 294.0 10.0 282.5 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 3 29 88 7 -3.1 0.078 -9.000 -9.000 -999. 52. 14.1 0.0360 0.48 0.51 1.23 330.0 10.0 283.8 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
18 3 29 88 8 27.4 0.089 0.393 0.019 80. 64. -2.3 0.0340 0.48 0.27 0.84 123.0 10.0 286.4 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
18 3 29 88 9 71.8 0.135 0.715 0.015 184. 120. -3.1 0.0300 0.48 0.19 1.38 115.0 10.0 290.4 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
18 3 29 88 10 108.0 0.147 0.941 0.012 279. 136. -2.7 0.0300 0.48 0.17 1.47 95.0 10.0 293.1 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
18 3 29 88 11 134.5 0.173 1.102 0.008 359. 173. -3.5 0.0300 0.48 0.16 1.79 90.0 10.0 297.0 2.0 0

0.00 47. 1013. 0 ADJ-A1 NoSubs
18 3 29 88 12 149.3 0.200 1.211 0.005 430. 215. -4.8 0.0300 0.48 0.16 2.16 113.0 10.0 299.2 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
18 3 29 88 13 151.9 0.265 1.325 0.005 553. 327. -11.0 0.0370 0.48 0.16 3.01 170.0 10.0 299.9 2.0 0
0.00 41. 1012. 0 ADJ-A1 NoSubs
18 3 29 88 14 142.5 0.304 1.449 0.005 770. 401. -17.7 0.0340 0.48 0.16 3.68 218.0 10.0 299.2 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
18 3 29 88 15 121.1 0.350 1.508 0.005 1022. 496. -31.8 0.0280 0.48 0.17 4.61 242.0 10.0 297.5 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
18 3 29 88 16 89.6 0.324 1.388 0.005 1078. 444. -34.4 0.0280 0.48 0.18 4.30 248.0 10.0 297.0 2.0 0
0.00 40. 1011. 0 ADJ-A1 Sub_CC
18 3 29 88 17 48.3 0.217 1.135 0.005 1092. 248. -19.0 0.0230 0.48 0.23 2.86 199.0 10.0 295.4 2.0 0
0.00 48. 1011. 0 ADJ-A1 NoSubs
18 3 29 88 18 1.5 0.225 0.357 0.005 1085. 256. -682.4 0.0370 0.48 0.37 3.12 154.0 10.0 289.2 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 3 29 88 19 -5.8 0.098 -9.000 -9.000 -999. 85. 14.7 0.0230 0.48 1.00 1.67 193.0 10.0 287.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 3 29 88 20 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0250 0.48 1.00 1.30 272.0 10.0 286.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 3 29 88 21 -8.1 0.118 -9.000 -9.000 -999. 97. 18.2 0.0310 0.48 1.00 1.88 310.0 10.0 287.0 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
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0.00 77. 1012. 0 ADJ-A1 NoSubs
18 3 29 88 23 -6.5 0.105 -9.000 -9.000 -999. 82. 16.1 0.0310 0.48 1.00 1.69 317.0 10.0 285.9 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
18 3 29 88 24 -10.8 0.137 -9.000 -9.000 -999. 121. 21.3 0.0310 0.48 1.00 2.16 318.0 10.0 285.9 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
18 3 30 89 1 -4.2 0.084 -9.000 -9.000 -999. 59. 12.9 0.0310 0.48 1.00 1.35 324.0 10.0 284.9 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
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0.00 76. 1012. 0 ADJ-A1 NoSubs
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0.00 79. 1012. 0 ADJ-A1 NoSubs
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0.00 86. 1012. 0 ADJ-A1 NoSubs
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0.00 82. 1013. 0 ADJ-A1 NoSubs
18 3 30 89 8 28.8 0.093 0.425 0.016 96. 68. -2.5 0.0340 0.48 0.26 0.89 237.0 10.0 287.5 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
18 3 30 89 9 72.9 0.131 0.768 0.015 225. 113. -2.8 0.0300 0.48 0.19 1.31 92.0 10.0 290.4 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
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0.00 48. 1013. 0 ADJ-A1 NoSubs
18 3 30 89 11 135.3 0.125 1.155 0.009 412. 106. -1.3 0.0340 0.48 0.16 1.07 133.0 10.0 296.4 2.0 0
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18 3 30 89 13 153.0 0.199 1.343 0.005 572. 213. -4.7 0.0340 0.48 0.16 2.08 222.0 10.0 300.4 2.0 0
0.00 38. 1012. 0 ADJ-A1 NoSubs
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0.00 33. 1011. 0 ADJ-A1 NoSubs
18 3 30 89 15 121.9 0.344 1.399 0.005 811. 485. -30.2 0.0340 0.48 0.17 4.36 227.0 10.0 297.5 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
18 3 30 89 16 89.3 0.271 1.329 0.005 949. 341. -20.0 0.0340 0.48 0.18 3.32 212.0 10.0 294.2 2.0 0
0.00 50. 1011. 0 ADJ-A1 NoSubs
18 3 30 89 17 48.5 0.196 1.112 0.005 1021. 211. -14.1 0.0230 0.48 0.22 2.52 186.0 10.0 293.8 2.0 0
0.00 48. 1011. 0 ADJ-A1 NoSubs
18 3 30 89 18 2.7 0.152 0.424 0.005 1013. 142. -116.0 0.0370 0.48 0.37 2.03 163.0 10.0 291.4 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
18 3 30 89 19 -12.9 0.149 -9.000 -9.000 -999. 138. 24.3 0.0230 0.48 1.00 2.45 184.0 10.0 287.5 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
18 3 30 89 20 -3.4 0.077 -9.000 -9.000 -999. 53. 12.2 0.0340 0.48 1.00 1.20 219.0 10.0 288.1 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 3 30 89 21 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0360 0.48 1.00 1.40 337.0 10.0 287.5 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
18 3 30 89 22 -5.7 0.098 -9.000 -9.000 -999. 74. 15.1 0.0310 0.48 1.00 1.59 304.0 10.0 287.0 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
18 3 30 89 23 -7.1 0.110 -9.000 -9.000 -999. 88. 16.9 0.0310 0.48 1.00 1.77 311.0 10.0 286.4 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
18 3 30 89 24 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0310 0.48 1.00 1.72 315.0 10.0 285.4 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
18 3 31 90 1 -10.3 0.133 -9.000 -9.000 -999. 117. 20.7 0.0310 0.48 1.00 2.11 310.0 10.0 284.9 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
18 3 31 90 2 -10.7 0.136 -9.000 -9.000 -999. 120. 21.2 0.0310 0.48 1.00 2.15 304.0 10.0 284.9 2.0 0
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18 3 31 90 3 -3.9 0.082 -9.000 -9.000 -999. 57. 12.6 0.0310 0.48 1.00 1.31 310.0 10.0 283.8 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
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0.00 79. 1011. 0 ADJ-A1 NoSubs
18 3 31 90 5 -11.5 0.139 -9.000 -9.000 -999. 125. 21.4 0.0250 0.48 1.00 2.28 299.0 10.0 283.1 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
18 3 31 90 6 -9.5 0.128 -9.000 -9.000 -999. 110. 19.7 0.0310 0.48 1.00 2.03 310.0 10.0 282.5 2.0 0
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0.00 73. 1011. 0 ADJ-A1 NoSubs
18 3 31 90 8 29.9 0.077 0.435 0.017 99. 51. -1.4 0.0250 0.48 0.26 0.72 270.0 10.0 287.0 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 3 31 90 9 73.9 0.118 0.745 0.015 202. 98. -2.0 0.0340 0.48 0.19 1.09 130.0 10.0 289.9 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 3 31 90 10 109.9 0.146 0.953 0.014 285. 134. -2.6 0.0370 0.48 0.17 1.37 162.0 10.0 292.5 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 3 31 90 11 135.3 0.183 1.121 0.012 376. 188. -4.1 0.0370 0.48 0.16 1.84 169.0 10.0 293.8 2.0 0
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18 3 31 90 12 149.8 0.256 1.257 0.010 479. 310. -10.1 0.0230 0.48 0.16 3.18 185.0 10.0 295.9 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
18 3 31 90 13 151.5 0.308 1.349 0.008 585. 410. -17.4 0.0230 0.48 0.16 4.03 191.0 10.0 294.2 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
18 3 31 90 14 141.3 0.299 1.376 0.007 666. 392. -17.0 0.0230 0.48 0.16 3.90 201.0 10.0 291.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 3 31 90 15 120.6 0.290 1.344 0.006 726. 376. -18.3 0.0370 0.48 0.17 3.47 173.0 10.0 291.4 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 3 31 90 16 88.6 0.308 1.232 0.005 762. 410. -29.7 0.0370 0.48 0.18 3.83 167.0 10.0 289.2 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 3 31 90 17 47.4 0.266 1.008 0.005 779. 330. -35.7 0.0370 0.48 0.22 3.35 161.0 10.0 287.0 2.0 0

0.00 86. 1011. 0 ADJ-A1 NoSubs
18 3 31 90 18 2.0 0.230 0.351 0.005 778. 266. -553.8 0.0340 0.48 0.36 3.24 136.0 10.0 285.9 2.0 0
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18 3 31 90 19 -24.9 0.251 -9.000 -9.000 -999. 302. 69.3 0.0300 0.48 1.00 3.85 117.0 10.0 284.9 2.0 0
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18 3 31 90 20 -21.2 0.214 -9.000 -9.000 -999. 238. 50.2 0.0300 0.48 1.00 3.30 117.0 10.0 284.9 2.0 0
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18 3 31 90 21 -10.8 0.136 -9.000 -9.000 -999. 122. 21.0 0.0270 0.48 1.00 2.20 80.0 10.0 284.9 2.0 0
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18 3 31 90 22 -11.4 0.139 -9.000 -9.000 -999. 125. 21.5 0.0270 0.48 1.00 2.25 69.0 10.0 284.2 2.0 0
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18 3 31 90 23 -5.6 0.097 -9.000 -9.000 -999. 72. 14.5 0.0270 0.48 1.00 1.60 72.0 10.0 284.2 2.0 0
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18 3 31 90 24 -7.3 0.111 -9.000 -9.000 -999. 89. 16.9 0.0300 0.48 1.00 1.79 33.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 4 1 91 1 -9.4 0.127 -9.000 -9.000 -999. 109. 19.6 0.0300 0.48 1.00 2.03 18.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 4 1 91 2 -6.5 0.105 -9.000 -9.000 -999. 82. 16.2 0.0360 0.48 1.00 1.65 347.0 10.0 283.8 2.0 0
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18 4 1 91 3 -6.4 0.104 -9.000 -9.000 -999. 81. 15.9 0.0300 0.48 1.00 1.69 44.0 10.0 284.2 2.0 0
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18 4 1 91 5 -4.5 0.088 -9.000 -9.000 -999. 62. 13.3 0.0300 0.48 1.00 1.42 49.0 10.0 283.8 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 4 1 91 6 -9.4 0.127 -9.000 -9.000 -999. 109. 19.5 0.0300 0.48 1.00 2.03 116.0 10.0 283.1 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 4 1 91 7 -9.4 0.137 -9.000 -9.000 -999. 122. 24.8 0.0300 0.48 0.48 2.16 91.0 10.0 283.1 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 4 1 91 8 5.5 0.112 0.301 0.026 179. 90. -22.9 0.0270 0.48 0.26 1.45 77.0 10.0 283.1 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 4 1 91 9 74.1 0.115 0.883 0.026 334. 94. -1.9 0.0270 0.48 0.19 1.11 70.0 10.0 285.9 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
18 4 1 91 10 109.7 0.143 1.034 0.024 362. 129. -2.4 0.0340 0.48 0.17 1.35 131.0 10.0 288.1 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
18 4 1 91 11 135.4 0.141 1.130 0.021 384. 128. -1.9 0.0300 0.48 0.16 1.33 93.0 10.0 290.9 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 4 1 91 12 149.2 0.253 1.190 0.018 406. 305. -9.7 0.0230 0.48 0.16 3.13 197.0 10.0 291.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 4 1 91 13 151.3 0.302 1.216 0.016 427. 399. -16.4 0.0230 0.48 0.16 3.93 188.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 4 1 91 14 141.6 0.324 1.219 0.013 460. 443. -21.7 0.0230 0.48 0.16 4.32 184.0 10.0 289.9 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
18 4 1 91 15 120.9 0.324 1.190 0.011 501. 443. -25.3 0.0340 0.48 0.17 4.05 144.0 10.0 289.9 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
18 4 1 91 16 89.4 0.312 1.096 0.010 529. 418. -30.5 0.0300 0.48 0.18 4.05 113.0 10.0 289.9 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
18 4 1 91 17 48.6 0.268 0.903 0.010 543. 333. -35.4 0.0300 0.48 0.22 3.51 113.0 10.0 289.2 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
18 4 1 91 18 3.1 0.231 0.361 0.010 543. 267. -356.9 0.0300 0.48 0.36 3.30 115.0 10.0 288.1 2.0 0
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18 4 1 91 19 -19.4 0.197 -9.000 -9.000 -999. 210. 42.6 0.0300 0.48 1.00 3.05 105.0 10.0 286.4 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
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18 4 1 91 24 -14.5 0.159 -9.000 -9.000 -999. 152. 27.9 0.0300 0.48 1.00 2.50 53.0 10.0 284.2 2.0 0
0.00 86. 1008. 7 ADJ-A1 NoSubs
18 4 2 92 1 -8.3 0.119 -9.000 -9.000 -999. 99. 18.5 0.0360 0.48 1.00 1.86 345.0 10.0 282.5 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 4 2 92 2 -8.6 0.121 -9.000 -9.000 -999. 101. 18.5 0.0310 0.48 1.00 1.93 327.0 10.0 282.0 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 4 2 92 3 -8.4 0.120 -9.000 -9.000 -999. 99. 18.3 0.0310 0.48 1.00 1.91 320.0 10.0 282.0 2.0 0
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18 4 2 92 4 -3.4 0.076 -9.000 -9.000 -999. 51. 11.9 0.0310 0.48 1.00 1.20 318.0 10.0 283.1 2.0 0
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0.00 74. 1008. 4 ADJ-A1 NoSubs
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0.00 74. 1008. 0 ADJ-A1 NoSubs
18 4 2 92 13 151.8 0.285 1.420 0.015 679. 366. -13.8 0.0370 0.48 0.16 3.32 177.0 10.0 289.9 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
18 4 2 92 14 142.5 0.258 1.441 0.016 755. 315. -10.9 0.0370 0.48 0.16 2.93 171.0 10.0 290.4 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
18 4 2 92 15 121.7 0.297 1.378 0.015 773. 389. -19.4 0.0370 0.48 0.17 3.57 159.0 10.0 290.4 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
18 4 2 92 16 89.9 0.317 1.251 0.014 782. 429. -31.8 0.0340 0.48 0.18 4.03 130.0 10.0 289.2 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
18 4 2 92 17 49.5 0.269 1.028 0.014 788. 336. -35.2 0.0340 0.48 0.22 3.44 124.0 10.0 289.9 2.0 0
0.00 66. 1006. 0 ADJ-A1 NoSubs
18 4 2 92 18 3.9 0.191 0.440 0.014 788. 203. -162.7 0.0270 0.48 0.36 2.74 88.0 10.0 288.8 2.0 0
0.00 68. 1006. 0 ADJ-A1 NoSubs
18 4 2 92 19 -22.8 0.232 -9.000 -9.000 -999. 268. 59.1 0.0270 0.48 1.00 3.63 88.0 10.0 285.9 2.0 0
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0.00 82. 1008. 0 ADJ-A1 NoSubs
18 4 2 92 24 -4.9 0.090 -9.000 -9.000 -999. 65. 13.7 0.0300 0.48 1.00 1.47 19.0 10.0 282.5 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 4 3 93 1 -5.5 0.097 -9.000 -9.000 -999. 73. 14.9 0.0360 0.48 1.00 1.53 349.0 10.0 282.0 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 4 3 93 2 -7.6 0.113 -9.000 -9.000 -999. 92. 17.3 0.0310 0.48 1.00 1.82 327.0 10.0 281.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
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0.00 85. 1010. 0 ADJ-A1 NoSubs
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0.00 76. 1010. 0 ADJ-A1 NoSubs
18 4 3 93 10 112.0 0.134 1.082 0.018 407. 118. -1.9 0.0340 0.48 0.17 1.23 139.0 10.0 289.2 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
18 4 3 93 11 137.1 0.223 1.173 0.015 425. 253. -7.3 0.0230 0.48 0.16 2.69 184.0 10.0 290.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
18 4 3 93 12 151.1 0.258 1.229 0.012 444. 315. -10.3 0.0230 0.48 0.16 3.22 187.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 4 3 93 13 153.2 0.267 1.252 0.010 462. 332. -11.2 0.0340 0.48 0.16 3.10 213.0 10.0 292.0 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
18 4 3 93 14 143.5 0.349 1.253 0.007 494. 494. -26.6 0.0230 0.48 0.16 4.71 196.0 10.0 291.4 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
18 4 3 93 15 122.4 0.311 1.223 0.006 539. 417. -22.2 0.0230 0.48 0.17 4.15 203.0 10.0 290.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 4 3 93 16 90.5 0.310 1.126 0.005 569. 415. -29.8 0.0370 0.48 0.18 3.86 179.0 10.0 288.8 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
18 4 3 93 17 49.5 0.261 0.929 0.005 583. 322. -32.5 0.0370 0.48 0.22 3.27 176.0 10.0 287.0 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 4 3 93 18 3.7 0.239 0.392 0.005 582. 281. -330.8 0.0370 0.48 0.35 3.29 164.0 10.0 285.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 4 3 93 19 -19.6 0.197 -9.000 -9.000 -999. 211. 42.9 0.0370 0.48 1.00 2.95 150.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 4 3 93 20 -19.8 0.199 -9.000 -9.000 -999. 213. 43.5 0.0300 0.48 1.00 3.08 115.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 4 3 93 21 -19.2 0.193 -9.000 -9.000 -999. 204. 41.1 0.0300 0.48 1.00 3.00 90.0 10.0 284.9 2.0 0
0.00 85. 1012. 10 ADJ-A1 NoSubs
18 4 3 93 22 -15.6 0.164 -9.000 -9.000 -999. 160. 29.7 0.0270 0.48 1.00 2.62 67.0 10.0 284.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 4 3 93 23 -9.3 0.125 -9.000 -9.000 -999. 107. 19.1 0.0270 0.48 1.00 2.04 73.0 10.0 283.8 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 4 3 93 24 -4.7 0.089 -9.000 -9.000 -999. 64. 13.7 0.0360 0.48 1.00 1.40 335.0 10.0 283.1 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 4 4 94 1 -4.5 0.087 -9.000 -9.000 -999. 62. 13.5 0.0360 0.48 1.00 1.37 331.0 10.0 283.1 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 4 4 94 2 -5.9 0.098 -9.000 -9.000 -999. 74. 14.7 0.0250 0.48 1.00 1.65 292.0 10.0 282.5 2.0 0

0.00 92. 1012. 0 ADJ-A1 NoSubs
18 4 4 94 3 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0360 0.48 1.00 1.31 355.0 10.0 282.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 4 4 94 4 -3.1 0.073 -9.000 -9.000 -999. 48. 11.6 0.0300 0.48 1.00 1.14 9.0 10.0 282.0 2.0 0
0.00 92. 1011. 5 ADJ-A1 NoSubs
18 4 4 94 5 -8.6 0.121 -9.000 -9.000 -999. 101. 18.5 0.0310 0.48 1.00 1.93 302.0 10.0 282.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 4 4 94 6 -4.7 0.089 -9.000 -9.000 -999. 64. 13.7 0.0360 0.48 1.00 1.40 352.0 10.0 282.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 4 4 94 7 -2.0 0.069 -9.000 -9.000 -999. 43. 14.6 0.0340 0.48 0.45 1.09 214.0 10.0 282.5 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 4 4 94 8 33.8 0.099 0.684 0.023 341. 75. -2.6 0.0270 0.48 0.25 1.01 89.0 10.0 283.8 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 4 4 94 9 77.4 0.145 0.937 0.022 384. 132. -3.5 0.0300 0.48 0.19 1.50 96.0 10.0 285.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
18 4 4 94 10 112.6 0.138 1.094 0.020 421. 123. -2.1 0.0340 0.48 0.17 1.28 138.0 10.0 287.5 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
18 4 4 94 11 137.7 0.164 1.208 0.017 463. 160. -2.9 0.0230 0.48 0.16 1.76 189.0 10.0 289.2 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 4 4 94 12 150.8 0.319 1.265 0.015 486. 433. -19.6 0.0230 0.48 0.16 4.22 202.0 10.0 287.5 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
18 4 4 94 13 153.4 0.306 1.292 0.012 509. 407. -16.9 0.0230 0.48 0.16 4.00 198.0 10.0 290.4 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
18 4 4 94 14 143.8 0.370 1.281 0.009 529. 540. -31.8 0.0340 0.48 0.16 4.70 211.0 10.0 289.9 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 4 4 94 15 122.3 0.275 1.226 0.009 544. 351. -15.4 0.0230 0.48 0.17 3.56 199.0 10.0 287.0 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
18 4 4 94 16 90.8 0.280 1.121 0.007 560. 356. -21.8 0.0230 0.48 0.18 3.73 181.0 10.0 287.0 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
18 4 4 94 17 49.9 0.236 0.924 0.007 571. 275. -23.7 0.0370 0.48 0.22 2.88 164.0 10.0 285.9 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 4 4 94 18 4.4 0.220 0.410 0.007 572. 248. -221.4 0.0340 0.48 0.35 3.05 136.0 10.0 285.4 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
18 4 4 94 19 -20.4 0.206 -9.000 -9.000 -999. 224. 46.5 0.0300 0.48 1.00 3.18 100.0 10.0 284.9 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 4 4 94 20 -19.3 0.194 -9.000 -9.000 -999. 205. 41.4 0.0300 0.48 1.00 3.01 99.0 10.0 285.4 2.0 0
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18 4 4 94 21 -6.5 0.104 -9.000 -9.000 -999. 84. 15.9 0.0300 0.48 1.00 1.69 101.0 10.0 284.2 2.0 0
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18 4 4 94 22 -5.3 0.094 -9.000 -9.000 -999. 69. 14.3 0.0300 0.48 1.00 1.53 21.0 10.0 284.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
18 4 4 94 23 -3.9 0.082 -9.000 -9.000 -999. 56. 12.6 0.0310 0.48 1.00 1.31 312.0 10.0 284.9 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
18 4 4 94 24 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.48 1.00 1.28 348.0 10.0 284.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
18 4 5 95 1 -2.5 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.48 1.00 0.97 353.0 10.0 284.2 2.0 0
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18 4 5 95 2 -5.0 0.092 -9.000 -9.000 -999. 67. 13.9 0.0310 0.48 1.00 1.48 320.0 10.0 283.8 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 4 5 95 3 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.48 1.00 1.21 302.0 10.0 283.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 4 5 95 4 -6.1 0.102 -9.000 -9.000 -999. 78. 15.7 0.0360 0.48 1.00 1.60 340.0 10.0 283.1 2.0 0
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0.00 92. 1013. 5 ADJ-A1 NoSubs
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18 4 5 95 7 -4.9 0.112 -9.000 -9.000 -999. 89. 25.6 0.0310 0.48 0.44 1.74 310.0 10.0 283.1 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 4 5 95 8 35.2 0.097 0.666 0.012 303. 72. -2.3 0.0250 0.48 0.25 0.99 277.0 10.0 284.9 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 4 5 95 9 81.9 0.123 0.994 0.014 434. 104. -2.1 0.0270 0.48 0.19 1.21 71.0 10.0 285.9 2.0 0
0.00 82. 1015. 3 ADJ-A1 NoSubs
18 4 5 95 10 113.6 0.141 1.151 0.013 486. 128. -2.3 0.0300 0.48 0.17 1.37 91.0 10.0 287.5 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
18 4 5 95 11 138.7 0.151 1.313 0.013 590. 141. -2.3 0.0340 0.48 0.16 1.42 138.0 10.0 289.9 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
18 4 5 95 12 152.4 0.171 1.434 0.013 701. 169. -2.9 0.0230 0.48 0.16 1.83 185.0 10.0 290.9 2.0 0
0.00 62. 1014. 0 ADJ-A1 NoSubs
18 4 5 95 13 125.3 0.303 1.368 0.013 740. 400. -20.1 0.0230 0.48 0.16 4.01 209.0 10.0 288.1 2.0 0
0.00 68. 1013. 7 ADJ-A1 NoSubs
18 4 5 95 14 144.4 0.247 1.459 0.013 778. 295. -9.4 0.0340 0.48 0.16 2.81 216.0 10.0 289.2 2.0 0
0.00 55. 1012. 0 ADJ-A1 NoSubs
18 4 5 95 15 101.6 0.331 1.312 0.013 804. 457. -32.3 0.0340 0.48 0.17 4.21 232.0 10.0 288.1 2.0 0
0.00 45. 1013. 7 ADJ-A1 NoSubs
18 4 5 95 16 21.4 0.263 0.784 0.013 810. 325. -76.4 0.0340 0.48 0.18 3.51 232.0 10.0 287.5 2.0 0
0.00 64. 1012. 10 ADJ-A1 NoSubs
18 4 5 95 17 45.4 0.218 1.011 0.012 822. 244. -20.5 0.0280 0.48 0.22 2.78 253.0 10.0 287.5 2.0 0
0.00 69. 1013. 7 ADJ-A1 NoSubs
18 4 5 95 18 5.2 0.197 0.491 0.012 822. 209. -132.1 0.0280 0.48 0.35 2.78 256.0 10.0 286.4 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
18 4 5 95 19 -4.0 0.081 -9.000 -9.000 -999. 65. 12.2 0.0230 0.48 1.00 1.37 196.0 10.0 286.4 2.0 0
0.00 80. 1012. 7 ADJ-A1 NoSubs
18 4 5 95 20 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.48 1.00 1.62 187.0 10.0 285.9 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
18 4 5 95 21 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0370 0.48 1.00 1.14 161.0 10.0 285.4 2.0 11
0.30 92. 1013. 7 ADJ-A1 NoSubs
18 4 5 95 22 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0300 0.48 1.00 1.04 46.0 10.0 285.9 2.0 0
0.00 92. 1012. 7 ADJ-A1 NoSubs
18 4 5 95 23 -3.5 0.078 -9.000 -9.000 -999. 52. 12.3 0.0360 0.48 1.00 1.20 351.0 10.0 285.9 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 4 5 95 24 -4.2 0.084 -9.000 -9.000 -999. 58. 12.9 0.0310 0.48 1.00 1.35 319.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 4 6 96 1 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.48 1.00 1.60 313.0 10.0 285.9 2.0 0
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18 4 6 96 2 -7.1 0.110 -9.000 -9.000 -999. 87. 16.8 0.0310 0.48 1.00 1.76 306.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
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0.00 92. 1011. 10 ADJ-A1 NoSubs
18 4 6 96 4 -2.8 0.070 -9.000 -9.000 -999. 45. 11.1 0.0250 0.48 1.00 1.11 276.0 10.0 285.4 2.0 11
0.50 96. 1011. 10 ADJ-A1 NoSubs
18 4 6 96 5 -1.9 0.063 -9.000 -9.000 -999. 38. 12.3 0.0370 0.48 1.00 0.79 163.0 10.0 285.4 2.0 11
1.50 100. 1011. 10 ADJ-A1 NoSubs
18 4 6 96 6 -10.4 0.133 -9.000 -9.000 -999. 117. 20.5 0.0270 0.48 1.00 2.16 78.0 10.0 285.4 2.0 11
1.30 100. 1010. 10 ADJ-A1 NoSubs
18 4 6 96 7 -2.6 0.076 -9.000 -9.000 -999. 51. 15.1 0.0300 0.48 0.43 1.23 37.0 10.0 285.9 2.0 11
0.50 999. 1011. 10 ADJ-A1 NoSubs
18 4 6 96 8 7.5 0.116 0.342 0.006 190. 95. -18.7 0.0300 0.48 0.24 1.45 26.0 10.0 286.4 2.0 11

0.50 96. 1010. 10 ADJ-A1 NoSubs
18 4 6 96 9 18.5 0.115 0.532 0.006 292. 93. -7.4 0.0300 0.48 0.19 1.31 115.0 10.0 287.5 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
18 4 6 96 10 27.6 0.101 0.667 0.007 387. 77. -3.3 0.0270 0.48 0.17 1.06 89.0 10.0 289.2 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 4 6 96 11 33.7 0.205 0.741 0.008 435. 222. -22.9 0.0340 0.48 0.16 2.54 219.0 10.0 289.2 2.0 11
0.30 89. 1010. 10 ADJ-A1 NoSubs
18 4 6 96 12 36.8 0.330 0.789 0.008 481. 456. -88.2 0.0340 0.48 0.16 4.44 224.0 10.0 288.1 2.0 11
0.80 96. 1010. 10 ADJ-A1 NoSubs
18 4 6 96 13 37.2 0.315 0.816 0.008 524. 425. -75.6 0.0280 0.48 0.16 4.36 241.0 10.0 288.1 2.0 11
1.00 96. 1009. 10 ADJ-A1 NoSubs
18 4 6 96 14 35.0 0.207 0.818 0.008 562. 232. -22.9 0.0280 0.48 0.16 2.67 267.0 10.0 288.8 2.0 11
1.30 96. 1009. 10 ADJ-A1 NoSubs
18 4 6 96 15 29.9 0.160 0.790 0.008 592. 154. -12.3 0.0310 0.48 0.17 1.91 302.0 10.0 289.2 2.0 11
1.50 96. 1008. 10 ADJ-A1 NoSubs
18 4 6 96 16 22.0 0.132 0.722 0.008 614. 115. -9.3 0.0310 0.48 0.18 1.53 310.0 10.0 289.2 2.0 11
0.80 96. 1008. 10 ADJ-A1 NoSubs
18 4 6 96 17 11.8 0.090 0.591 0.008 625. 65. -5.5 0.0250 0.48 0.22 1.03 281.0 10.0 289.2 2.0 11
1.30 96. 1008. 10 ADJ-A1 NoSubs
18 4 6 96 18 0.5 0.089 0.200 0.008 625. 63. -136.3 0.0230 0.48 0.35 1.30 205.0 10.0 289.2 2.0 11
0.80 100. 1008. 10 ADJ-A1 NoSubs
18 4 6 96 19 -3.1 0.074 -9.000 -9.000 -999. 48. 11.9 0.0340 0.48 1.00 1.13 237.0 10.0 289.2 2.0 11
0.80 96. 1008. 10 ADJ-A1 NoSubs
18 4 6 96 20 -3.4 0.078 -9.000 -9.000 -999. 52. 12.3 0.0340 0.48 1.00 1.21 233.0 10.0 289.2 2.0 11
0.50 100. 1008. 10 ADJ-A1 NoSubs
18 4 6 96 21 -6.3 0.103 -9.000 -9.000 -999. 79. 15.4 0.0230 0.48 1.00 1.74 196.0 10.0 289.2 2.0 11
1.00 100. 1008. 10 ADJ-A1 NoSubs
18 4 6 96 22 -19.6 0.201 -9.000 -9.000 -999. 216. 44.5 0.0370 0.48 1.00 3.00 160.0 10.0 289.2 2.0 11
1.80 96. 1008. 10 ADJ-A1 NoSubs
18 4 6 96 23 -16.0 0.166 -9.000 -9.000 -999. 163. 30.4 0.0230 0.48 1.00 2.72 183.0 10.0 288.8 2.0 11
0.80 100. 1008. 10 ADJ-A1 NoSubs
18 4 6 96 24 -11.3 0.139 -9.000 -9.000 -999. 124. 21.3 0.0230 0.48 1.00 2.30 198.0 10.0 288.8 2.0 11
0.50 100. 1008. 10 ADJ-A1 NoSubs
18 4 7 97 1 -16.7 0.173 -9.000 -9.000 -999. 172. 32.8 0.0340 0.48 1.00 2.64 238.0 10.0 287.5 2.0 11
5.60 100. 1008. 10 ADJ-A1 NoSubs
18 4 7 97 2 -8.0 0.116 -9.000 -9.000 -999. 96. 17.7 0.0250 0.48 1.00 1.93 289.0 10.0 287.5 2.0 11
3.60 100. 1007. 10 ADJ-A1 NoSubs
18 4 7 97 3 -5.5 0.097 -9.000 -9.000 -999. 72. 14.7 0.0280 0.48 1.00 1.59 268.0 10.0 287.5 2.0 11
2.80 100. 1007. 10 ADJ-A1 NoSubs
18 4 7 97 4 -11.3 0.139 -9.000 -9.000 -999. 124. 21.3 0.0230 0.48 1.00 2.30 205.0 10.0 288.1 2.0 11
3.30 100. 1007. 10 ADJ-A1 NoSubs
18 4 7 97 5 -20.2 0.206 -9.000 -9.000 -999. 225. 46.8 0.0340 0.48 1.00 3.12 217.0 10.0 287.5 2.0 11
4.30 100. 1007. 10 ADJ-A1 NoSubs
18 4 7 97 6 -40.8 0.416 -9.000 -9.000 -999. 643. 190.1 0.0340 0.48 1.00 6.11 216.0 10.0 287.0 2.0 11
2.30 96. 1008. 10 ADJ-A1 NoSubs
18 4 7 97 7 -14.6 0.272 -9.000 -9.000 -999. 355. 124.5 0.0340 0.48 0.43 4.02 223.0 10.0 286.4 2.0 11
4.30 96. 1009. 10 ADJ-A1 NoSubs
18 4 7 97 8 7.9 0.244 0.302 0.005 124. 289. -164.3 0.0340 0.48 0.24 3.35 216.0 10.0 287.0 2.0 11
0.50 100. 1009. 10 ADJ-A1 NoSubs
18 4 7 97 9 18.6 0.247 0.480 0.005 214. 294. -72.6 0.0340 0.48 0.19 3.29 214.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 4 7 97 10 27.5 0.293 0.613 0.005 301. 380. -81.9 0.0340 0.48 0.17 3.92 219.0 10.0 288.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
18 4 7 97 11 33.8 0.306 0.710 0.005 382. 406. -76.6 0.0340 0.48 0.16 4.09 231.0 10.0 288.8 2.0 0

0.00 86. 1012. 10 ADJ-A1 NoSubs
18 4 7 97 12 156.2 0.365 1.399 0.005 634. 530. -28.1 0.0340 0.48 0.16 4.60 224.0 10.0 289.9 2.0 0
0.00 83. 1012. 3 ADJ-A1 NoSubs
18 4 7 97 13 158.1 0.417 1.525 0.006 811. 646. -41.4 0.0340 0.48 0.16 5.39 229.0 10.0 290.4 2.0 0
0.00 80. 1012. 3 ADJ-A1 NoSubs
18 4 7 97 14 145.9 0.491 1.561 0.007 942. 826. -73.4 0.0340 0.48 0.16 6.55 225.0 10.0 289.9 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
18 4 7 97 15 127.8 0.499 1.546 0.008 1044. 845. -87.6 0.0340 0.48 0.17 6.70 231.0 10.0 289.9 2.0 0
0.00 77. 1012. 3 ADJ-A1 NoSubs
18 4 7 97 16 93.0 0.448 1.420 0.009 1113. 723. -87.3 0.0340 0.48 0.18 6.02 229.0 10.0 289.9 2.0 0
0.00 74. 1012. 5 ADJ-A1 NoSubs
18 4 7 97 17 56.6 0.443 1.217 0.009 1152. 709. -139.0 0.0340 0.48 0.22 6.06 236.0 10.0 289.9 2.0 0
0.00 66. 1012. 3 ADJ-A1 NoSubs
18 4 7 97 18 6.8 0.379 0.602 0.009 1153. 564. -723.9 0.0280 0.48 0.34 5.53 245.0 10.0 288.1 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
18 4 7 97 19 -24.5 0.248 -9.000 -9.000 -999. 308. 67.7 0.0280 0.48 1.00 3.85 247.0 10.0 286.4 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
18 4 7 97 20 -7.5 0.112 -9.000 -9.000 -999. 106. 16.9 0.0250 0.48 1.00 1.86 290.0 10.0 286.4 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
18 4 7 97 21 -7.7 0.115 -9.000 -9.000 -999. 93. 17.8 0.0360 0.48 1.00 1.79 344.0 10.0 285.4 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
18 4 7 97 22 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.48 1.00 1.76 333.0 10.0 283.8 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 4 7 97 23 -7.5 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.48 1.00 1.77 336.0 10.0 283.1 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 4 7 97 24 -8.7 0.122 -9.000 -9.000 -999. 102. 18.7 0.0310 0.48 1.00 1.94 315.0 10.0 282.5 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
18 4 8 98 1 -8.1 0.117 -9.000 -9.000 -999. 96. 17.9 0.0310 0.48 1.00 1.87 310.0 10.0 282.5 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 4 8 98 2 -11.9 0.143 -9.000 -9.000 -999. 130. 22.5 0.0310 0.48 1.00 2.25 314.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
18 4 8 98 3 -10.7 0.134 -9.000 -9.000 -999. 118. 20.4 0.0250 0.48 1.00 2.20 298.0 10.0 282.0 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 4 8 98 4 -11.2 0.139 -9.000 -9.000 -999. 124. 21.5 0.0310 0.48 1.00 2.19 324.0 10.0 281.5 2.0 9999
-9.00 999. 1007. 2 ADJ-A1 Sub_CC-TT
18 4 8 98 5 -11.7 0.142 -9.000 -9.000 -999. 128. 22.2 0.0360 0.48 1.00 2.18 349.0 10.0 280.9 2.0 0
0.00 100. 1016. 3 ADJ-A1 NoSubs
18 4 8 98 6 -11.2 0.137 -9.000 -9.000 -999. 122. 20.9 0.0250 0.48 1.00 2.25 296.0 10.0 280.9 2.0 0
0.00 95. 1016. 0 ADJ-A1 NoSubs
18 4 8 98 7 -3.8 0.111 -9.000 -9.000 -999. 89. 32.4 0.0360 0.48 0.42 1.67 341.0 10.0 282.5 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
18 4 8 98 8 38.4 0.169 0.798 0.005 480. 166. -11.3 0.0300 0.48 0.24 2.01 118.0 10.0 284.2 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 4 8 98 9 81.7 0.219 1.161 0.005 695. 246. -11.7 0.0340 0.48 0.18 2.55 142.0 10.0 286.4 2.0 0
0.00 80. 1016. 0 ADJ-A1 NoSubs
18 4 8 98 10 116.6 0.224 1.434 0.006 918. 255. -8.8 0.0370 0.48 0.17 2.49 174.0 10.0 288.1 2.0 0
0.00 74. 1017. 0 ADJ-A1 NoSubs
18 4 8 98 11 141.3 0.211 1.608 0.010 1068. 233. -6.0 0.0370 0.48 0.16 2.24 166.0 10.0 289.9 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
18 4 8 98 12 157.0 0.282 1.755 0.012 1251. 359. -12.9 0.0230 0.48 0.16 3.59 197.0 10.0 289.9 2.0 0
0.00 69. 1016. 3 ADJ-A1 NoSubs
18 4 8 98 13 156.5 0.281 1.793 0.012 1336. 358. -12.9 0.0230 0.48 0.16 3.58 206.0 10.0 290.9 2.0 0
0.00 62. 1015. 0 ADJ-A1 NoSubs
18 4 8 98 14 147.0 0.316 1.769 0.012 1365. 426. -19.4 0.0230 0.48 0.16 4.17 207.0 10.0 291.4 2.0 0

0.00 60. 1015. 0 ADJ-A1 NoSubs
18 4 8 98 15 126.2 0.284 1.692 0.012 1390. 363. -16.4 0.0230 0.48 0.17 3.69 209.0 10.0 292.0 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
18 4 8 98 16 94.5 0.290 1.543 0.011 1408. 374. -23.3 0.0230 0.48 0.18 3.88 197.0 10.0 291.4 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
18 4 8 98 17 53.8 0.217 1.282 0.011 1418. 244. -17.1 0.0230 0.48 0.21 2.83 189.0 10.0 290.9 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
18 4 8 98 18 8.0 0.154 0.679 0.011 1419. 146. -41.2 0.0340 0.48 0.34 1.99 148.0 10.0 290.4 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
18 4 8 98 19 -17.9 0.183 -9.000 -9.000 -999. 187. 36.7 0.0340 0.48 0.75 2.78 125.0 10.0 288.8 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
18 4 8 98 20 -13.0 0.151 -9.000 -9.000 -999. 141. 25.1 0.0340 0.48 1.00 2.33 141.0 10.0 286.4 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
18 4 8 98 21 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0250 0.48 1.00 1.64 292.0 10.0 284.9 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
18 4 8 98 22 -3.0 0.072 -9.000 -9.000 -999. 47. 11.3 0.0250 0.48 1.00 1.16 295.0 10.0 284.2 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 4 8 98 23 -7.6 0.114 -9.000 -9.000 -999. 92. 17.4 0.0310 0.48 1.00 1.82 308.0 10.0 283.1 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 4 8 98 24 -7.4 0.111 -9.000 -9.000 -999. 89. 17.0 0.0310 0.48 1.00 1.79 300.0 10.0 282.5 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 4 9 99 1 -11.9 0.143 -9.000 -9.000 -999. 130. 22.5 0.0310 0.48 1.00 2.25 318.0 10.0 282.0 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 4 9 99 2 -7.1 0.110 -9.000 -9.000 -999. 87. 16.9 0.0360 0.48 1.00 1.72 338.0 10.0 281.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 4 9 99 3 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0310 0.48 1.00 1.72 304.0 10.0 281.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 4 9 99 4 -7.4 0.111 -9.000 -9.000 -999. 89. 17.0 0.0310 0.48 1.00 1.79 314.0 10.0 280.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 4 9 99 5 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.48 1.00 1.37 316.0 10.0 280.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 4 9 99 6 -3.1 0.074 -9.000 -9.000 -999. 48. 11.6 0.0310 0.48 1.00 1.14 317.0 10.0 280.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 4 9 99 7 -1.8 0.075 -9.000 -9.000 -999. 50. 21.7 0.0360 0.48 0.41 1.16 344.0 10.0 282.5 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 4 9 99 8 39.7 0.174 0.523 0.010 130. 174. -11.9 0.0300 0.48 0.24 2.08 41.0 10.0 285.4 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
18 4 9 99 9 83.3 0.323 0.830 0.006 248. 441. -36.7 0.0300 0.48 0.18 4.25 90.0 10.0 289.2 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
18 4 9 99 10 118.5 0.285 0.999 0.006 304. 365. -17.6 0.0270 0.48 0.17 3.61 86.0 10.0 292.0 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
18 4 9 99 11 143.4 0.219 1.308 0.008 564. 248. -6.6 0.0300 0.48 0.16 2.47 96.0 10.0 294.2 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
18 4 9 99 12 157.5 0.174 1.469 0.010 727. 174. -3.0 0.0300 0.48 0.16 1.76 56.0 10.0 297.0 2.0 0
0.00 40. 1011. 0 ADJ-A1 NoSubs
18 4 9 99 13 159.8 0.251 1.563 0.012 863. 302. -8.9 0.0270 0.48 0.16 2.98 66.0 10.0 298.8 2.0 0
0.00 38. 1010. 0 ADJ-A1 NoSubs
18 4 9 99 14 150.8 0.220 1.591 0.013 964. 248. -6.4 0.0270 0.48 0.16 2.52 67.0 10.0 300.4 2.0 0
0.00 29. 1009. 0 ADJ-A1 NoSubs
18 4 9 99 15 130.0 0.275 1.545 0.013 1021. 345. -14.3 0.0270 0.48 0.17 3.42 74.0 10.0 300.9 2.0 0
0.00 33. 1008. 0 ADJ-A1 NoSubs
18 4 9 99 16 97.1 0.255 1.414 0.013 1047. 309. -15.4 0.0230 0.48 0.18 3.30 183.0 10.0 297.5 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
18 4 9 99 17 54.7 0.292 1.171 0.012 1057. 378. -40.9 0.0370 0.48 0.21 3.71 171.0 10.0 292.0 2.0 0

0.00 64. 1009. 0 ADJ-A1 NoSubs
18 4 9 99 18 8.5 0.184 0.629 0.012 1057. 195. -66.2 0.0300 0.48 0.34 2.50 115.0 10.0 289.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
18 4 9 99 19 -17.4 0.177 -9.000 -9.000 -999. 179. 34.5 0.0370 0.48 0.74 2.66 164.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 4 9 99 20 -5.9 0.101 -9.000 -9.000 -999. 79. 15.5 0.0340 0.48 1.00 1.60 138.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 4 9 99 21 -9.5 0.129 -9.000 -9.000 -999. 111. 20.3 0.0370 0.48 1.00 1.98 153.0 10.0 287.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 4 9 99 22 -2.1 0.064 -9.000 -9.000 -999. 40. 11.3 0.0280 0.48 1.00 0.91 241.0 10.0 287.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 4 9 99 23 -3.5 0.077 -9.000 -9.000 -999. 52. 12.0 0.0280 0.48 1.00 1.25 267.0 10.0 287.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 4 9 99 24 -4.5 0.087 -9.000 -9.000 -999. 62. 13.2 0.0280 0.48 1.00 1.43 258.0 10.0 287.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 4 10 100 1 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0310 0.48 1.00 1.04 321.0 10.0 287.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 4 10 100 2 -8.8 0.121 -9.000 -9.000 -999. 101. 18.3 0.0230 0.48 1.00 2.03 180.0 10.0 285.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 4 10 100 3 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0340 0.48 1.00 1.53 124.0 10.0 285.4 2.0 0
0.00 96. 1012. 5 ADJ-A1 NoSubs
18 4 10 100 4 -7.0 0.109 -9.000 -9.000 -999. 86. 16.5 0.0270 0.48 1.00 1.79 62.0 10.0 284.9 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 4 10 100 5 -5.8 0.098 -9.000 -9.000 -999. 74. 15.0 0.0300 0.48 1.00 1.60 28.0 10.0 285.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 4 10 100 6 -7.3 0.111 -9.000 -9.000 -999. 89. 16.9 0.0300 0.48 1.00 1.79 59.0 10.0 284.9 2.0 0
0.00 100. 1012. 7 ADJ-A1 NoSubs
18 4 10 100 7 -2.4 0.105 -9.000 -9.000 -999. 82. 43.9 0.0360 0.48 0.40 1.57 349.0 10.0 285.4 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 4 10 100 8 41.2 0.160 0.629 0.013 218. 153. -9.0 0.0360 0.48 0.23 1.79 331.0 10.0 287.0 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
18 4 10 100 9 84.5 0.114 0.904 0.014 316. 92. -1.6 0.0230 0.48 0.18 1.11 198.0 10.0 289.9 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
18 4 10 100 10 119.1 0.186 1.126 0.012 433. 192. -4.8 0.0370 0.48 0.17 1.91 166.0 10.0 290.9 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
18 4 10 100 11 143.3 0.290 1.326 0.010 589. 375. -15.4 0.0230 0.48 0.16 3.75 202.0 10.0 290.9 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
18 4 10 100 12 156.6 0.244 1.411 0.008 648. 289. -8.3 0.0230 0.48 0.16 2.97 186.0 10.0 292.0 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
18 4 10 100 13 157.9 0.301 1.443 0.007 689. 396. -15.6 0.0230 0.48 0.16 3.90 193.0 10.0 290.9 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
18 4 10 100 14 148.6 0.184 1.440 0.006 726. 197. -3.8 0.0300 0.48 0.16 1.93 116.0 10.0 292.5 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 4 10 100 15 127.0 0.256 1.384 0.005 754. 310. -11.9 0.0370 0.48 0.17 2.93 153.0 10.0 290.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
18 4 10 100 16 80.0 0.209 1.199 0.005 778. 230. -10.3 0.0340 0.48 0.18 2.40 141.0 10.0 289.9 2.0 0
0.00 83. 1012. 7 ADJ-A1 NoSubs
18 4 10 100 17 56.8 0.210 1.083 0.005 807. 231. -14.7 0.0300 0.48 0.21 2.57 118.0 10.0 288.8 2.0 0
0.00 89. 1012. 5 ADJ-A1 NoSubs
18 4 10 100 18 12.6 0.194 0.658 0.005 813. 206. -52.6 0.0300 0.48 0.33 2.61 21.0 10.0 288.1 2.0 0
0.00 89. 1012. 7 ADJ-A1 NoSubs
18 4 10 100 19 -11.9 0.144 -9.000 -9.000 -999. 131. 22.7 0.0300 0.48 0.73 2.27 25.0 10.0 287.5 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
18 4 10 100 20 -9.7 0.129 -9.000 -9.000 -999. 111. 20.1 0.0300 0.48 1.00 2.06 36.0 10.0 287.5 2.0 0

0.00 93. 1013. 10 ADJ-A1 NoSubs
18 4 10 100 21 -9.5 0.128 -9.000 -9.000 -999. 110. 19.8 0.0300 0.48 1.00 2.04 46.0 10.0 287.0 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
18 4 10 100 22 -14.7 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.48 1.00 2.47 133.0 10.0 285.9 2.0 0
0.00 92. 1014. 7 ADJ-A1 NoSubs
18 4 10 100 23 -7.1 0.110 -9.000 -9.000 -999. 88. 17.0 0.0340 0.48 1.00 1.74 143.0 10.0 285.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 4 10 100 24 -8.1 0.118 -9.000 -9.000 -999. 98. 18.3 0.0340 0.48 1.00 1.86 135.0 10.0 285.4 2.0 0
0.00 92. 1013. 5 ADJ-A1 NoSubs
18 4 11 101 1 -9.8 0.129 -9.000 -9.000 -999. 112. 19.9 0.0270 0.48 1.00 2.10 87.0 10.0 285.9 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 4 11 101 2 -4.3 0.085 -9.000 -9.000 -999. 60. 12.8 0.0270 0.48 1.00 1.40 69.0 10.0 284.9 2.0 0
0.00 92. 1012. 5 ADJ-A1 NoSubs
18 4 11 101 3 -1.9 0.064 -9.000 -9.000 -999. 38. 12.0 0.0340 0.48 1.00 0.82 219.0 10.0 283.8 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 4 11 101 4 -4.0 0.083 -9.000 -9.000 -999. 57. 12.6 0.0300 0.48 1.00 1.33 9.0 10.0 282.5 2.0 0
0.00 92. 1011. 2 ADJ-A1 NoSubs
18 4 11 101 5 -2.9 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.48 1.00 1.08 357.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 4 11 101 6 -13.3 0.152 -9.000 -9.000 -999. 143. 25.6 0.0340 0.48 1.00 2.35 233.0 10.0 283.8 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 4 11 101 7 -2.6 0.132 -9.000 -9.000 -999. 115. 79.4 0.0300 0.48 0.40 2.01 91.0 10.0 283.1 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
18 4 11 101 8 41.9 0.175 0.842 0.020 515. 175. -11.5 0.0270 0.48 0.23 2.13 66.0 10.0 285.4 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
18 4 11 101 9 84.8 0.362 1.094 0.020 557. 523. -50.5 0.0270 0.48 0.18 4.94 88.0 10.0 287.0 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
18 4 11 101 10 119.3 0.291 1.242 0.018 580. 379. -18.6 0.0270 0.48 0.17 3.71 88.0 10.0 288.1 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 4 11 101 11 143.8 0.283 1.358 0.017 628. 361. -14.2 0.0270 0.48 0.16 3.52 83.0 10.0 289.9 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
18 4 11 101 12 156.5 0.355 1.450 0.017 704. 507. -25.8 0.0340 0.48 0.16 4.44 217.0 10.0 288.8 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
18 4 11 101 13 158.3 0.413 1.504 0.016 775. 637. -40.2 0.0340 0.48 0.16 5.33 234.0 10.0 289.9 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
18 4 11 101 14 148.1 0.584 1.498 0.006 820. 1070. -121.1 0.0340 0.48 0.16 7.94 234.0 10.0 288.1 2.0
0 0.00 63. 1012. 0 ADJ-A1 NoSubs
18 4 11 101 15 126.8 0.572 1.435 0.006 843. 1039. -133.4 0.0340 0.48 0.17 7.81 233.0 10.0 287.0 2.0
0 0.00 66. 1012. 0 ADJ-A1 NoSubs
18 4 11 101 16 95.1 0.402 1.312 0.013 857. 638. -61.5 0.0340 0.48 0.18 5.31 218.0 10.0 286.4 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
18 4 11 101 17 58.2 0.374 1.118 0.013 866. 551. -81.3 0.0230 0.48 0.21 5.38 208.0 10.0 285.9 2.0 0
0.00 79. 1011. 3 ADJ-A1 NoSubs
18 4 11 101 18 0.4 0.310 0.205 0.013 866. 416. -7485.0 0.0230 0.48 0.33 4.70 208.0 10.0 285.4 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
18 4 11 101 19 -30.3 0.305 -9.000 -9.000 -999. 405. 102.7 0.0230 0.48 0.72 4.86 188.0 10.0 284.2 2.0
11 0.80 96. 1010. 10 ADJ-SFC NoSubs
18 4 11 101 20 -45.8 0.460 -9.000 -9.000 -999. 748. 232.5 0.0280 0.48 1.00 6.96 256.0 10.0 283.8 2.0
11 1.30 92. 1010. 10 ADJ-SFC NoSubs
18 4 11 101 21 -18.1 0.182 -9.000 -9.000 -999. 284. 36.2 0.0280 0.48 1.00 2.86 266.0 10.0 283.1 2.0 11
0.50 89. 1011. 10 ADJ-SFC NoSubs
18 4 11 101 22 -18.9 0.188 -9.000 -9.000 -999. 196. 38.9 0.0340 0.48 1.00 2.86 239.0 10.0 281.4 2.0 0
0.00 999. 1012. 0 ADJ-SFC NoSubs
18 4 11 101 23 -7.1 0.109 -9.000 -9.000 -999. 88. 16.5 0.0300 0.48 1.00 1.76 5.0 10.0 281.4 2.0 0

0.00 999. 1013. 0 ADJ-SFC NoSubs
18 4 11 101 24 -6.7 0.105 -9.000 -9.000 -999. 82. 15.7 0.0250 0.48 1.00 1.76 277.0 10.0 280.9 2.0 0 0.00 999. 1014. 5 ADJ-SFC NoSubs
18 4 12 102 1 -6.7 0.105 -9.000 -9.000 -999. 82. 15.7 0.0250 0.48 1.00 1.76 296.0 10.0 280.4 2.0 0 0.00 999. 1015. 0 ADJ-SFC NoSubs
18 4 12 102 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 279.9 2.0 0 0.00 999. 1015. 0 ADJ-SFC NoSubs
18 4 12 102 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 278.1 2.0 0 0.00 999. 1015. 0 ADJ-SFC NoSubs
18 4 12 102 4 -12.5 0.145 -9.000 -9.000 -999. 132. 23.0 0.0250 0.48 1.00 2.36 299.0 10.0 278.1 2.0 0 0.00 999. 1016. 0 ADJ-SFC NoSubs
18 4 12 102 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 277.5 2.0 0 0.00 999. 1016. 0 ADJ-SFC NoSubs
18 4 12 102 6 -7.2 0.109 -9.000 -9.000 -999. 87. 16.5 0.0310 0.48 1.00 1.76 313.0 10.0 277.5 2.0 0 0.00 999. 1017. 0 ADJ-SFC NoSubs
18 4 12 102 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 0.39 0.00 0.0 10.0 279.9 2.0 0 0.00 92. 1018. 0 ADJ-SFC NoSubs
18 4 12 102 8 42.4 -9.000 -9.000 -9.000 475. -999. -99999.0 0.0304 0.48 0.23 0.00 0.0 10.0 282.5 2.0 0 0.00 83. 1019. 0 ADJ-SFC NoSubs
18 4 12 102 9 88.8 0.165 1.271 0.005 842. 160. -4.6 0.0304 0.48 0.18 1.76 999.0 10.0 285.4 2.0 0 0.00 61. 1019. 3 ADJ-SFC NoSubs
18 4 12 102 10 117.4 0.209 1.454 0.005 953. 229. -7.0 0.0304 0.48 0.17 2.36 999.0 10.0 286.4 2.0 0 0.00 61. 1020. 5 ADJ-SFC NoSubs
18 4 12 102 11 34.3 -9.000 -9.000 -9.000 981. -999. -99999.0 0.0304 0.48 0.16 0.00 0.0 10.0 286.4 2.0 0 0.00 56. 1020. 10 ADJ-SFC NoSubs
18 4 12 102 12 37.7 0.222 1.015 0.005 1012. 252. -26.6 0.0300 0.48 0.16 2.86 106.0 10.0 287.0 2.0 0 0.00 52. 1020. 10 ADJ-SFC NoSubs
18 4 12 102 13 129.1 0.360 1.579 0.005 1111. 518. -32.9 0.0250 0.48 0.16 4.86 276.0 10.0 288.1 2.0 0 0.00 47. 1020. 7 ADJ-SFC NoSubs
18 4 12 102 14 151.7 0.270 1.718 0.005 1218. 342. -11.9 0.0250 0.48 0.16 3.36 285.0 10.0 289.9 2.0 0 0.00 43. 1020. 3 ADJ-SFC NoSubs
18 4 12 102 15 31.1 0.188 1.020 0.005 1239. 199. -19.6 0.0304 0.48 0.17 2.36 999.0 10.0 290.4 2.0 0 0.00 40. 1019. 10 ADJ-SFC NoSubs
18 4 12 102 16 96.2 0.310 1.509 0.005 1301. 414. -28.1 0.0360 0.48 0.18 3.86 347.0 10.0 290.9 2.0 0 0.00 34. 1019. 5 ADJ-SFC NoSubs
18 4 12 102 17 49.5 0.292 1.219 0.005 1330. 378. -45.6 0.0310 0.48 0.21 3.86 306.0 10.0 289.9 2.0 0 0.00 33. 1020. 7 ADJ-SFC NoSubs
18 4 12 102 18 9.8 0.215 0.710 0.005 1332. 241. -92.1 0.0310 0.48 0.33 2.94 307.0 10.0 287.5 2.0 0 0.00 45. 1020. 0 ADJ-A1 NoSubs
18 4 12 102 19 -19.0 0.191 -9.000 -9.000 -999. 200. 39.9 0.0250 0.48 0.71 3.05 282.0 10.0 284.9 2.0 0 0.00 58. 1021. 0 ADJ-A1 NoSubs
18 4 12 102 20 -16.6 0.168 -9.000 -9.000 -999. 165. 31.0 0.0250 0.48 1.00 2.71 290.0 10.0 283.8 2.0 0 0.00 65. 1022. 0 ADJ-A1 NoSubs
18 4 12 102 21 -20.5 0.203 -9.000 -9.000 -999. 219. 45.3 0.0250 0.48 1.00 3.24 277.0 10.0 282.5 2.0 0 0.00 68. 1022. 0 ADJ-A1 NoSubs
18 4 12 102 22 -7.1 0.108 -9.000 -9.000 -999. 89. 16.3 0.0280 0.48 1.00 1.77 268.0 10.0 282.0 2.0 0 0.00 67. 1022. 0 ADJ-A1 NoSubs
18 4 12 102 23 -5.6 0.097 -9.000 -9.000 -999. 72. 14.7 0.0340 0.48 1.00 1.54 227.0 10.0 280.4 2.0 0 0.00 79. 1022. 0 ADJ-A1 NoSubs
18 4 12 102 24 -4.9 0.090 -9.000 -9.000 -999. 65. 13.8 0.0360 0.48 1.00 1.42 344.0 10.0 279.9 2.0 0 0.00 85. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 1 -6.5 0.104 -9.000 -9.000 -999. 80. 15.6 0.0310 0.48 1.00 1.67 318.0 10.0 278.8 2.0 0 0.00 88. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 2 -9.7 0.128 -9.000 -9.000 -999. 110. 19.5 0.0310 0.48 1.00 2.03 308.0 10.0 278.8 2.0 0

0.00 85. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 3 -11.3 0.138 -9.000 -9.000 -999. 123. 21.2 0.0310 0.48 1.00 2.18 312.0 10.0 278.1 2.0 0
0.00 88. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 4 -16.5 0.168 -9.000 -9.000 -999. 166. 31.2 0.0310 0.48 1.00 2.62 303.0 10.0 278.8 2.0 0
0.00 85. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 5 -14.6 0.158 -9.000 -9.000 -999. 151. 27.5 0.0310 0.48 1.00 2.47 313.0 10.0 278.1 2.0 0
0.00 88. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 6 -6.0 0.100 -9.000 -9.000 -999. 76. 15.2 0.0360 0.48 1.00 1.57 336.0 10.0 277.5 2.0 0
0.00 92. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 7 -0.9 0.073 -9.000 -9.000 -999. 48. 40.5 0.0310 0.48 0.38 1.13 328.0 10.0 280.9 2.0 0
0.00 82. 1023. 0 ADJ-A1 NoSubs
18 4 13 103 8 43.6 0.159 0.684 0.009 267. 152. -8.4 0.0300 0.48 0.23 1.84 52.0 10.0 283.1 2.0 0
0.00 79. 1023. 0 ADJ-A1 NoSubs
18 4 13 103 9 86.4 0.133 0.937 0.008 348. 116. -2.5 0.0300 0.48 0.18 1.31 114.0 10.0 285.4 2.0 0
0.00 68. 1024. 0 ADJ-A1 NoSubs
18 4 13 103 10 120.9 0.142 1.137 0.006 445. 129. -2.2 0.0370 0.48 0.17 1.30 155.0 10.0 287.5 2.0 0
0.00 59. 1024. 0 ADJ-A1 NoSubs
18 4 13 103 11 145.4 0.197 1.327 0.005 587. 210. -4.8 0.0370 0.48 0.16 2.03 170.0 10.0 289.9 2.0 0
0.00 59. 1024. 0 ADJ-A1 NoSubs
18 4 13 103 12 158.3 0.267 1.472 0.005 736. 331. -11.0 0.0230 0.48 0.16 3.35 205.0 10.0 290.4 2.0 0
0.00 57. 1023. 0 ADJ-A1 NoSubs
18 4 13 103 13 159.7 0.327 1.600 0.006 936. 448. -19.9 0.0230 0.48 0.16 4.32 200.0 10.0 290.4 2.0 0
0.00 55. 1023. 0 ADJ-A1 NoSubs
18 4 13 103 14 150.4 0.265 1.659 0.007 1109. 329. -11.2 0.0340 0.48 0.16 3.07 210.0 10.0 292.0 2.0 0
0.00 49. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 15 129.3 0.277 1.633 0.008 1229. 349. -14.9 0.0230 0.48 0.17 3.57 189.0 10.0 292.0 2.0 0
0.00 49. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 16 97.7 0.276 1.503 0.008 1267. 348. -19.6 0.0370 0.48 0.18 3.32 176.0 10.0 292.0 2.0 0
0.00 46. 1021. 0 ADJ-A1 NoSubs
18 4 13 103 17 57.1 0.235 1.263 0.008 1287. 274. -20.7 0.0370 0.48 0.21 2.84 169.0 10.0 291.4 2.0 0
0.00 46. 1021. 0 ADJ-A1 NoSubs
18 4 13 103 18 10.9 0.215 0.729 0.008 1289. 240. -83.0 0.0370 0.48 0.32 2.84 165.0 10.0 289.9 2.0 0
0.00 51. 1021. 0 ADJ-A1 NoSubs
18 4 13 103 19 -13.4 0.154 -9.000 -9.000 -999. 145. 25.9 0.0370 0.48 0.70 2.33 179.0 10.0 286.4 2.0 0
0.00 77. 1021. 0 ADJ-A1 NoSubs
18 4 13 103 20 -2.8 0.070 -9.000 -9.000 -999. 48. 11.3 0.0280 0.48 1.00 1.09 262.0 10.0 285.9 2.0 0
0.00 76. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 21 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0250 0.48 1.00 1.28 270.0 10.0 284.9 2.0 0
0.00 76. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 22 -9.1 0.123 -9.000 -9.000 -999. 103. 18.7 0.0250 0.48 1.00 2.03 292.0 10.0 284.2 2.0 0
0.00 76. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 23 -3.5 0.076 -9.000 -9.000 -999. 51. 11.7 0.0250 0.48 1.00 1.25 291.0 10.0 283.8 2.0 0
0.00 76. 1022. 0 ADJ-A1 NoSubs
18 4 13 103 24 -5.9 0.099 -9.000 -9.000 -999. 75. 15.0 0.0310 0.48 1.00 1.60 310.0 10.0 282.5 2.0 0
0.00 83. 1022. 0 ADJ-A1 NoSubs
18 4 14 104 1 -5.3 0.094 -9.000 -9.000 -999. 69. 14.4 0.0360 0.48 1.00 1.48 331.0 10.0 282.0 2.0 0
0.00 82. 1022. 0 ADJ-A1 NoSubs
18 4 14 104 2 -11.7 0.142 -9.000 -9.000 -999. 128. 22.0 0.0310 0.48 1.00 2.23 311.0 10.0 282.0 2.0 0
0.00 82. 1021. 0 ADJ-A1 NoSubs
18 4 14 104 3 -11.6 0.139 -9.000 -9.000 -999. 125. 21.4 0.0250 0.48 1.00 2.28 290.0 10.0 280.9 2.0 0
0.00 88. 1021. 0 ADJ-A1 NoSubs
18 4 14 104 4 -5.5 0.096 -9.000 -9.000 -999. 71. 14.5 0.0310 0.48 1.00 1.55 311.0 10.0 280.9 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 4 14 104 5 -8.5 0.120 -9.000 -9.000 -999. 99. 18.3 0.0310 0.48 1.00 1.91 313.0 10.0 280.9 2.0 0

0.00 85. 1020. 0 ADJ-A1 NoSubs
18 4 14 104 6 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0250 0.48 1.00 1.30 280.0 10.0 279.2 2.0 0
0.00 96. 1020. 0 ADJ-A1 NoSubs
18 4 14 104 7 -0.4 0.077 -9.000 -9.000 -999. 51. 95.5 0.0280 0.48 0.38 1.18 258.0 10.0 282.5 2.0 0
0.00 86. 1021. 0 ADJ-A1 NoSubs
18 4 14 104 8 45.2 0.104 0.670 0.014 242. 81. -2.3 0.0300 0.48 0.23 1.01 93.0 10.0 286.4 2.0 0
0.00 74. 1020. 0 ADJ-A1 NoSubs
18 4 14 104 9 88.2 0.130 0.934 0.012 336. 112. -2.3 0.0300 0.48 0.18 1.26 96.0 10.0 289.2 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
18 4 14 104 10 122.9 0.168 1.142 0.011 441. 165. -3.5 0.0370 0.48 0.17 1.65 161.0 10.0 292.0 2.0 0
0.00 53. 1020. 0 ADJ-A1 NoSubs
18 4 14 104 11 147.1 0.265 1.263 0.009 499. 327. -11.5 0.0340 0.48 0.16 3.08 238.0 10.0 293.1 2.0 0
0.00 54. 1019. 0 ADJ-A1 NoSubs
18 4 14 104 12 160.1 0.266 1.343 0.007 550. 330. -10.7 0.0280 0.48 0.16 3.20 242.0 10.0 294.2 2.0 0
0.00 46. 1018. 0 ADJ-A1 NoSubs
18 4 14 104 13 161.5 0.352 1.406 0.005 624. 502. -24.5 0.0340 0.48 0.16 4.39 231.0 10.0 294.2 2.0 0
0.00 45. 1017. 0 ADJ-A1 NoSubs
18 4 14 104 14 152.0 0.316 1.519 0.005 838. 427. -18.8 0.0340 0.48 0.16 3.85 235.0 10.0 295.4 2.0 0
0.00 45. 1017. 0 ADJ-A1 NoSubs
18 4 14 104 15 130.9 0.307 1.499 0.005 933. 408. -20.0 0.0340 0.48 0.17 3.76 224.0 10.0 295.4 2.0 0
0.00 43. 1016. 0 ADJ-A1 NoSubs
18 4 14 104 16 99.4 0.273 1.402 0.005 1005. 343. -18.5 0.0340 0.48 0.18 3.32 220.0 10.0 295.4 2.0 0
0.00 40. 1015. 0 ADJ-A1 NoSubs
18 4 14 104 17 58.5 0.224 1.190 0.005 1043. 255. -17.3 0.0230 0.48 0.21 2.93 198.0 10.0 294.2 2.0 0
0.00 46. 1015. 0 ADJ-A1 NoSubs
18 4 14 104 18 11.3 0.262 0.686 0.005 1036. 322. -144.9 0.0340 0.48 0.32 3.59 138.0 10.0 288.8 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
18 4 14 104 19 -21.7 0.221 -9.000 -9.000 -999. 251. 54.0 0.0370 0.48 0.69 3.29 160.0 10.0 286.4 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
18 4 14 104 20 -19.1 0.192 -9.000 -9.000 -999. 202. 40.6 0.0300 0.48 1.00 2.98 116.0 10.0 285.9 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
18 4 14 104 21 -16.7 0.171 -9.000 -9.000 -999. 170. 32.3 0.0340 0.48 1.00 2.62 120.0 10.0 285.4 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
18 4 14 104 22 -6.1 0.102 -9.000 -9.000 -999. 79. 15.5 0.0300 0.48 1.00 1.65 55.0 10.0 285.4 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
18 4 14 104 23 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0360 0.48 1.00 1.40 339.0 10.0 285.4 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
18 4 14 104 24 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.48 1.00 1.60 322.0 10.0 284.9 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 4 15 105 1 -9.3 0.126 -9.000 -9.000 -999. 108. 19.6 0.0310 0.48 1.00 2.01 308.0 10.0 284.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
18 4 15 105 2 -2.1 0.065 -9.000 -9.000 -999. 41. 11.5 0.0310 0.48 1.00 0.90 300.0 10.0 283.8 2.0 0
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18 4 15 105 3 -4.1 0.083 -9.000 -9.000 -999. 58. 12.8 0.0310 0.48 1.00 1.34 300.0 10.0 283.8 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 4 15 105 4 -3.0 0.073 -9.000 -9.000 -999. 47. 11.6 0.0300 0.48 1.00 1.13 13.0 10.0 283.1 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 4 15 105 5 -4.8 0.090 -9.000 -9.000 -999. 65. 13.9 0.0360 0.48 1.00 1.42 349.0 10.0 282.0 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
18 4 15 105 6 -6.0 0.100 -9.000 -9.000 -999. 76. 15.2 0.0310 0.48 1.00 1.62 329.0 10.0 281.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 4 15 105 7 0.2 0.112 0.037 0.010 12. 90. -832.6 0.0250 0.48 0.37 1.67 296.0 10.0 283.8 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 4 15 105 8 46.2 0.103 0.767 0.015 352. 80. -2.1 0.0230 0.48 0.22 1.06 200.0 10.0 285.9 2.0 0

0.00 82. 1011. 0 ADJ-A1 NoSubs
18 4 15 105 9 88.7 0.207 1.002 0.015 409. 225. -9.0 0.0370 0.48 0.18 2.30 166.0 10.0 287.5 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
18 4 15 105 10 122.7 0.293 1.153 0.013 451. 381. -18.6 0.0370 0.48 0.17 3.51 170.0 10.0 288.1 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
18 4 15 105 11 146.6 0.363 1.258 0.010 490. 525. -29.4 0.0230 0.48 0.16 4.94 207.0 10.0 288.8 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
18 4 15 105 12 159.3 0.451 1.386 0.009 603. 726. -51.8 0.0340 0.48 0.16 5.90 229.0 10.0 288.8 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
18 4 15 105 13 160.6 0.419 1.463 0.009 703. 651. -41.1 0.0340 0.48 0.16 5.41 230.0 10.0 288.8 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
18 4 15 105 14 150.7 0.438 1.486 0.009 785. 696. -50.3 0.0340 0.48 0.16 5.73 228.0 10.0 288.8 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
18 4 15 105 15 132.2 0.456 1.456 0.008 840. 739. -64.5 0.0340 0.48 0.17 6.04 228.0 10.0 288.1 2.0 0
0.00 71. 1009. 3 ADJ-A1 NoSubs
18 4 15 105 16 81.6 0.547 1.249 0.005 861. 971. -180.8 0.0340 0.48 0.18 7.54 226.0 10.0 286.4 2.0 0
0.00 77. 1008. 7 ADJ-A1 NoSubs
18 4 15 105 17 50.0 0.420 1.067 0.007 873. 667. -132.9 0.0340 0.48 0.21 5.73 222.0 10.0 285.9 2.0 0
0.00 79. 1008. 7 ADJ-A1 NoSubs
18 4 15 105 18 0.8 0.316 0.265 0.007 872. 434. -3717.7 0.0340 0.48 0.32 4.48 211.0 10.0 284.2 2.0 11
0.80 96. 1008. 10 ADJ-A1 NoSubs
18 4 15 105 19 -26.1 0.265 -9.000 -9.000 -999. 329. 77.4 0.0340 0.48 0.68 3.97 238.0 10.0 283.8 2.0 11
0.50 92. 1008. 10 ADJ-A1 NoSubs
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18 4 15 105 22 -6.9 0.107 -9.000 -9.000 -999. 86. 16.2 0.0280 0.48 1.00 1.76 248.0 10.0 282.5 2.0 0
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0.00 92. 1010. 3 ADJ-A1 NoSubs
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0.80 92. 1011. 10 ADJ-A1 NoSubs
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0.50 89. 1011. 10 ADJ-A1 NoSubs
18 4 16 106 10 28.2 0.189 0.932 0.005 1035. 196. -21.4 0.0250 0.48 0.17 2.47 294.0 10.0 281.4 2.0 11
1.00 85. 1012. 10 ADJ-A1 NoSubs
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0.00 76. 1012. 7 ADJ-A1 NoSubs
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0.00 71. 1012. 0 ADJ-A1 NoSubs
18 4 16 106 13 160.5 0.412 1.900 0.005 1545. 635. -39.4 0.0340 0.48 0.16 5.31 210.0 10.0 285.4 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
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0.00 66. 1012. 0 ADJ-A1 NoSubs
18 4 16 106 15 132.3 0.433 1.895 0.005 1861. 685. -55.3 0.0230 0.48 0.17 6.11 209.0 10.0 285.9 2.0 0
0.00 63. 1012. 3 ADJ-A1 NoSubs
18 4 16 106 16 98.0 0.508 1.744 0.005 1958. 868. -120.7 0.0340 0.48 0.17 6.91 228.0 10.0 285.9 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 4 16 106 17 57.2 0.525 1.464 0.005 1980. 914. -228.8 0.0340 0.48 0.21 7.28 230.0 10.0 284.2 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
18 4 16 106 18 15.5 0.444 0.947 0.005 1983. 717. -512.4 0.0340 0.48 0.32 6.24 233.0 10.0 282.5 2.0 0
0.00 65. 1013. 3 ADJ-A1 NoSubs
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18 4 17 107 1 -3.5 0.077 -9.000 -9.000 -999. 51. 11.9 0.0310 0.48 1.00 1.21 307.0 10.0 278.8 2.0 0
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18 4 17 107 6 -6.5 0.104 -9.000 -9.000 -999. 80. 15.6 0.0310 0.48 1.00 1.67 309.0 10.0 277.5 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
18 4 17 107 7 1.5 0.120 0.142 0.005 69. 99. -103.6 0.0310 0.48 0.36 1.65 327.0 10.0 280.4 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 4 17 107 8 47.5 0.139 0.833 0.005 443. 125. -5.2 0.0300 0.48 0.22 1.52 41.0 10.0 282.5 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
18 4 17 107 9 90.0 0.181 1.164 0.006 639. 184. -6.0 0.0300 0.48 0.18 2.01 102.0 10.0 284.9 2.0 0
0.00 68. 1020. 0 ADJ-A1 NoSubs
18 4 17 107 10 123.8 0.190 1.357 0.006 736. 199. -5.1 0.0370 0.48 0.17 1.97 164.0 10.0 285.9 2.0 0
0.00 63. 1021. 0 ADJ-A1 NoSubs
18 4 17 107 11 147.7 0.245 1.546 0.006 912. 292. -9.1 0.0230 0.48 0.16 3.02 209.0 10.0 287.0 2.0 0
0.00 63. 1021. 0 ADJ-A1 NoSubs
18 4 17 107 12 160.3 0.333 1.650 0.005 1022. 461. -21.0 0.0340 0.48 0.16 4.10 216.0 10.0 287.5 2.0 0
0.00 64. 1020. 0 ADJ-A1 NoSubs
18 4 17 107 13 162.0 0.310 1.696 0.005 1097. 415. -16.7 0.0340 0.48 0.16 3.74 223.0 10.0 289.2 2.0 0
0.00 61. 1020. 0 ADJ-A1 NoSubs
18 4 17 107 14 151.7 0.428 1.691 0.005 1160. 673. -47.1 0.0340 0.48 0.16 5.58 232.0 10.0 288.1 2.0 0

0.00 61. 1020. 0 ADJ-A1 NoSubs
18 4 17 107 15 130.7 0.377 1.634 0.005 1214. 557. -37.2 0.0280 0.48 0.16 5.02 246.0 10.0 288.8 2.0 0
0.00 51. 1019. 0 ADJ-A1 NoSubs
18 4 17 107 16 99.2 0.390 1.506 0.005 1253. 585. -54.3 0.0280 0.48 0.17 5.31 246.0 10.0 288.8 2.0 0
0.00 46. 1018. 0 ADJ-A1 NoSubs
18 4 17 107 17 58.7 0.347 1.305 0.005 1375. 491. -64.4 0.0280 0.48 0.21 4.76 241.0 10.0 288.1 2.0 0
0.00 48. 1017. 0 ADJ-A1 NoSubs
18 4 17 107 18 12.5 0.288 0.781 0.005 1386. 372. -173.3 0.0280 0.48 0.31 4.10 245.0 10.0 285.9 2.0 0
0.00 68. 1017. 0 ADJ-A1 NoSubs
18 4 17 107 19 -6.1 0.101 -9.000 -9.000 -999. 119. 15.4 0.0250 0.48 0.67 1.69 287.0 10.0 285.9 2.0 0
0.00 71. 1016. 3 ADJ-A1 NoSubs
18 4 17 107 20 -3.1 0.073 -9.000 -9.000 -999. 48. 11.6 0.0300 0.48 1.00 1.14 4.0 10.0 284.9 2.0 0
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18 4 17 107 21 -16.7 0.171 -9.000 -9.000 -999. 170. 32.3 0.0340 0.48 1.00 2.62 122.0 10.0 283.1 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
18 4 17 107 22 -4.2 0.084 -9.000 -9.000 -999. 61. 12.7 0.0300 0.48 1.00 1.35 4.0 10.0 282.5 2.0 0
0.00 83. 1016. 0 ADJ-A1 NoSubs
18 4 17 107 23 -6.4 0.104 -9.000 -9.000 -999. 80. 15.7 0.0310 0.48 1.00 1.67 307.0 10.0 281.4 2.0 0
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18 4 17 107 24 -8.7 0.121 -9.000 -9.000 -999. 101. 18.5 0.0310 0.48 1.00 1.93 313.0 10.0 280.9 2.0 0
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18 4 18 108 1 -11.9 0.143 -9.000 -9.000 -999. 130. 22.4 0.0310 0.48 1.00 2.25 316.0 10.0 280.4 2.0 0
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18 4 18 108 3 -2.7 0.070 -9.000 -9.000 -999. 46. 11.7 0.0360 0.48 1.00 1.01 359.0 10.0 280.4 2.0 0
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18 4 18 108 5 -5.7 0.097 -9.000 -9.000 -999. 72. 14.4 0.0250 0.48 1.00 1.62 299.0 10.0 280.4 2.0 0
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18 4 18 108 6 -5.3 0.094 -9.000 -9.000 -999. 69. 14.2 0.0310 0.48 1.00 1.52 314.0 10.0 280.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 4 18 108 7 2.6 0.115 0.160 0.006 57. 94. -53.3 0.0310 0.48 0.36 1.54 322.0 10.0 281.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 4 18 108 8 48.4 0.104 0.782 0.007 357. 80. -2.1 0.0280 0.48 0.22 1.01 259.0 10.0 282.0 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
18 4 18 108 9 90.5 0.156 1.015 0.005 418. 148. -3.8 0.0270 0.48 0.18 1.67 75.0 10.0 283.1 2.0 0
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0.00 73. 1014. 0 ADJ-A1 NoSubs
18 4 18 108 11 148.4 0.252 1.455 0.005 751. 304. -9.8 0.0280 0.48 0.16 3.00 249.0 10.0 287.0 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
18 4 18 108 12 161.2 0.223 1.638 0.005 986. 252. -6.2 0.0370 0.48 0.16 2.37 169.0 10.0 288.8 2.0 0
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18 4 18 108 13 162.0 0.363 1.752 0.005 1201. 526. -26.8 0.0340 0.48 0.16 4.56 213.0 10.0 287.0 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 4 18 108 14 152.2 0.397 1.768 0.005 1314. 601. -37.2 0.0340 0.48 0.16 5.10 230.0 10.0 287.5 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
18 4 18 108 15 130.5 0.408 1.788 0.006 1584. 625. -46.9 0.0340 0.48 0.16 5.31 236.0 10.0 285.4 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
18 4 18 108 16 99.5 0.404 1.657 0.006 1652. 616. -59.8 0.0340 0.48 0.17 5.33 234.0 10.0 287.5 2.0 0
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0.00 54. 1011. 0 ADJ-A1 NoSubs
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18 4 18 108 22 -5.5 0.097 -9.000 -9.000 -999. 72. 14.8 0.0360 0.48 1.00 1.52 360.0 10.0 282.0 2.0 0
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18 4 19 109 1 -6.7 0.105 -9.000 -9.000 -999. 82. 15.7 0.0250 0.48 1.00 1.76 299.0 10.0 279.9 2.0 0
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18 4 19 109 2 -8.5 0.120 -9.000 -9.000 -999. 99. 18.2 0.0310 0.48 1.00 1.91 328.0 10.0 278.8 2.0 0
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0.00 85. 1013. 0 ADJ-A1 NoSubs
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0.00 79. 1014. 0 ADJ-A1 NoSubs
18 4 19 109 9 91.6 0.151 1.148 0.009 598. 141. -3.4 0.0370 0.48 0.18 1.48 154.0 10.0 284.2 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
18 4 19 109 10 125.5 0.208 1.307 0.007 644. 228. -6.5 0.0370 0.48 0.17 2.23 155.0 10.0 286.4 2.0 0
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18 4 19 109 11 151.7 0.315 1.417 0.005 679. 425. -18.7 0.0230 0.48 0.16 4.15 205.0 10.0 287.5 2.0 0
0.00 71. 1015. 3 ADJ-A1 NoSubs
18 4 19 109 12 161.7 0.296 1.472 0.005 715. 387. -14.5 0.0230 0.48 0.16 3.81 191.0 10.0 288.1 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
18 4 19 109 13 163.4 0.274 1.502 0.005 751. 345. -11.4 0.0370 0.48 0.16 3.13 178.0 10.0 290.4 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
18 4 19 109 14 153.7 0.301 1.696 0.005 1149. 396. -16.0 0.0340 0.48 0.16 3.61 216.0 10.0 291.4 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
18 4 19 109 15 132.5 0.346 1.759 0.005 1485. 488. -28.3 0.0340 0.48 0.16 4.36 221.0 10.0 291.4 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
18 4 19 109 16 100.9 0.379 1.668 0.005 1664. 561. -48.9 0.0340 0.48 0.17 4.95 220.0 10.0 290.9 2.0 0
0.00 55. 1012. 0 ADJ-A1 NoSubs
18 4 19 109 17 61.2 0.258 1.460 0.005 1837. 324. -25.3 0.0280 0.48 0.21 3.35 248.0 10.0 293.1 2.0 0
0.00 39. 1012. 0 ADJ-A1 NoSubs
18 4 19 109 18 14.6 0.247 0.905 0.005 1837. 294. -93.1 0.0360 0.48 0.31 3.29 330.0 10.0 289.9 2.0 0
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18 4 19 109 19 -20.4 0.213 -9.000 -9.000 -999. 237. 50.0 0.0270 0.48 0.65 3.35 60.0 10.0 286.4 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
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18 4 19 109 22 -17.3 0.174 -9.000 -9.000 -999. 174. 33.1 0.0300 0.48 1.00 2.71 45.0 10.0 283.1 2.0 0
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0.00 92. 1015. 0 ADJ-A1 NoSubs
18 4 20 110 2 -8.5 0.120 -9.000 -9.000 -999. 99. 18.3 0.0310 0.48 1.00 1.91 314.0 10.0 280.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 4 20 110 3 -10.3 0.133 -9.000 -9.000 -999. 116. 20.4 0.0310 0.48 1.00 2.10 318.0 10.0 279.9 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
18 4 20 110 4 -10.9 0.136 -9.000 -9.000 -999. 120. 21.0 0.0310 0.48 1.00 2.15 305.0 10.0 279.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 4 20 110 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 279.9 2.0
0 0.00 95. 1016. 10 ADJ-SFC NoSubs
18 4 20 110 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 280.9 2.0
0 0.00 92. 1016. 10 ADJ-SFC NoSubs
18 4 20 110 7 -2.1 0.113 -9.000 -9.000 -999. 91. 62.6 0.0270 0.48 0.35 1.76 79.0 10.0 282.0 2.0 0
0.00 95. 1017. 10 ADJ-SFC NoSubs
18 4 20 110 8 10.4 -9.000 -9.000 -9.000 164. -999. -99999.0 0.0304 0.48 0.22 0.00 0.0 10.0 282.5 2.0 0
0.00 92. 1017. 10 ADJ-SFC NoSubs
18 4 20 110 9 21.1 -9.000 -9.000 -9.000 264. -999. -99999.0 0.0304 0.48 0.18 0.00 0.0 10.0 283.8 2.0 0
0.00 89. 1017. 10 ADJ-SFC NoSubs
18 4 20 110 10 126.3 -9.000 -9.000 -9.000 338. -999. -99999.0 0.0304 0.48 0.17 0.00 0.0 10.0 286.4 2.0
0 0.00 80. 1017. 0 ADJ-SFC NoSubs
18 4 20 110 11 150.2 0.298 1.206 0.011 424. 389. -15.9 0.0230 0.48 0.16 3.86 187.0 10.0 288.8 2.0 0
0.00 77. 1016. 0 ADJ-SFC NoSubs
18 4 20 110 12 162.6 0.350 1.297 0.007 486. 498. -24.0 0.0340 0.48 0.16 4.36 215.0 10.0 289.2 2.0 0
0.00 74. 1016. 0 ADJ-SFC NoSubs
18 4 20 110 13 163.6 0.290 1.320 0.006 510. 376. -13.5 0.0370 0.48 0.16 3.36 176.0 10.0 288.8 2.0 0
0.00 74. 1016. 0 ADJ-SFC NoSubs
18 4 20 110 14 153.5 0.247 1.311 0.005 532. 295. -8.9 0.0304 0.48 0.16 2.86 999.0 10.0 288.8 2.0 0
0.00 77. 1016. 0 ADJ-SFC NoSubs
18 4 20 110 15 132.2 0.351 1.272 0.005 565. 499. -29.6 0.0370 0.48 0.16 4.36 153.0 10.0 288.1 2.0 0
0.00 80. 1015. 0 ADJ-SFC NoSubs
18 4 20 110 16 100.6 0.334 1.353 0.005 893. 463. -33.5 0.0300 0.48 0.17 4.36 113.0 10.0 287.5 2.0 0
0.00 80. 1015. 0 ADJ-SFC NoSubs
18 4 20 110 17 60.2 0.325 1.181 0.005 991. 445. -51.7 0.0300 0.48 0.20 4.36 112.0 10.0 287.0 2.0 0
0.00 80. 1015. 0 ADJ-SFC NoSubs
18 4 20 110 18 14.3 0.350 0.735 0.005 1007. 496. -270.7 0.0340 0.48 0.31 4.86 129.0 10.0 285.9 2.0 0
0.00 86. 1015. 0 ADJ-SFC NoSubs
18 4 20 110 19 -20.9 0.218 -9.000 -9.000 -999. 255. 52.3 0.0300 0.48 0.64 3.36 113.0 10.0 284.2 2.0 0
0.00 92. 1016. 0 ADJ-SFC NoSubs
18 4 20 110 20 -18.1 0.180 -9.000 -9.000 -999. 184. 35.8 0.0270 0.48 1.00 2.86 86.0 10.0 283.8 2.0 0
0.00 92. 1016. 0 ADJ-SFC NoSubs
18 4 20 110 21 -18.1 0.180 -9.000 -9.000 -999. 184. 35.8 0.0270 0.48 1.00 2.86 72.0 10.0 283.1 2.0 0
0.00 96. 1017. 3 ADJ-SFC NoSubs
18 4 20 110 22 -7.1 0.109 -9.000 -9.000 -999. 88. 16.6 0.0300 0.48 1.00 1.76 38.0 10.0 283.8 2.0 0
0.00 92. 1017. 10 ADJ-SFC NoSubs
18 4 20 110 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 282.5 2.0

0 0.00 96. 1017. 0 ADJ-SFC NoSubs
18 4 20 110 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 282.5 2.0
0 0.00 96. 1017. 10 ADJ-SFC NoSubs
18 4 21 111 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 283.1 2.0
0 0.00 96. 1016. 10 ADJ-SFC NoSubs
18 4 21 111 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 283.1 2.0
0 0.00 96. 1015. 10 ADJ-SFC NoSubs
18 4 21 111 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 282.0 2.0
0 0.00 100. 1015. 10 ADJ-SFC NoSubs
18 4 21 111 4 -6.7 0.105 -9.000 -9.000 -999. 82. 15.8 0.0250 0.48 1.00 1.76 286.0 10.0 282.0 2.0 0
0.00 100. 1015. 10 ADJ-SFC NoSubs
18 4 21 111 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 100. 1015. 10 ADJ-SFC NoSubs
18 4 21 111 6 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.48 1.00 1.76 346.0 10.0 281.4 2.0 0
0.00 100. 1015. 10 ADJ-SFC NoSubs
18 4 21 111 7 -1.7 0.115 -9.000 -9.000 -999. 94. 81.7 0.0300 0.48 0.34 1.76 37.0 10.0 282.0 2.0 0
0.00 100. 1015. 10 ADJ-SFC NoSubs
18 4 21 111 8 45.5 -9.000 -9.000 -9.000 209. -999. -99999.0 0.0304 0.48 0.22 0.00 0.0 10.0 282.5 2.0 0
0.00 100. 1015. 7 ADJ-SFC NoSubs
18 4 21 111 9 93.8 -9.000 -9.000 -9.000 373. -999. -99999.0 0.0304 0.48 0.18 0.00 0.0 10.0 287.0 2.0 0
0.00 80. 1015. 0 ADJ-SFC NoSubs
18 4 21 111 10 128.1 0.174 1.142 0.021 421. 174. -3.7 0.0340 0.48 0.17 1.76 124.0 10.0 290.9 2.0 0
0.00 62. 1014. 0 ADJ-SFC NoSubs
18 4 21 111 11 152.4 -9.000 -9.000 -9.000 447. -999. -99999.0 0.0304 0.48 0.16 0.00 0.0 10.0 294.2 2.0
0 0.00 56. 1014. 0 ADJ-SFC NoSubs
18 4 21 111 12 164.6 0.269 1.291 0.016 472. 334. -10.7 0.0230 0.48 0.16 3.36 206.0 10.0 294.2 2.0 0
0.00 63. 1013. 0 ADJ-SFC NoSubs
18 4 21 111 13 166.4 0.238 1.431 0.013 636. 279. -7.3 0.0230 0.48 0.16 2.86 193.0 10.0 296.4 2.0 0
0.00 54. 1013. 0 ADJ-SFC NoSubs
18 4 21 111 14 156.4 0.289 1.437 0.011 685. 372. -13.9 0.0370 0.48 0.16 3.36 168.0 10.0 296.4 2.0 0
0.00 52. 1012. 0 ADJ-SFC NoSubs
18 4 21 111 15 135.4 0.286 1.381 0.010 703. 366. -15.5 0.0370 0.48 0.16 3.36 173.0 10.0 297.0 2.0 0
0.00 42. 1011. 0 ADJ-SFC NoSubs
18 4 21 111 16 103.2 0.309 1.267 0.009 712. 411. -25.7 0.0340 0.48 0.17 3.86 149.0 10.0 294.9 2.0 0
0.00 58. 1011. 0 ADJ-SFC NoSubs
18 4 21 111 17 63.5 0.228 1.081 0.008 718. 264. -16.8 0.0280 0.48 0.20 2.86 254.0 10.0 296.4 2.0 0
0.00 39. 1011. 0 ADJ-SFC NoSubs
18 4 21 111 18 15.8 0.321 0.680 0.008 717. 436. -188.8 0.0370 0.48 0.31 4.36 154.0 10.0 289.9 2.0 0
0.00 69. 1011. 0 ADJ-SFC NoSubs
18 4 21 111 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 0.63 0.00 0.0 10.0 285.4 2.0
0 0.00 86. 1011. 0 ADJ-SFC NoSubs
18 4 21 111 20 -18.2 0.184 -9.000 -9.000 -999. 189. 37.2 0.0300 0.48 1.00 2.86 118.0 10.0 285.9 2.0 0
0.00 79. 1011. 0 ADJ-SFC NoSubs
18 4 21 111 21 -7.4 0.113 -9.000 -9.000 -999. 93. 17.6 0.0370 0.48 1.00 1.76 169.0 10.0 284.2 2.0 0
0.00 86. 1012. 0 ADJ-SFC NoSubs
18 4 21 111 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 82. 1012. 0 ADJ-SFC NoSubs
18 4 21 111 23 -12.3 0.145 -9.000 -9.000 -999. 132. 23.1 0.0250 0.48 1.00 2.36 299.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-SFC NoSubs
18 4 21 111 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 89. 1011. 0 ADJ-SFC NoSubs
18 4 22 112 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 89. 1011. 0 ADJ-SFC NoSubs
18 4 22 112 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 282.5 2.0

0 0.00 92. 1011. 0 ADJ-SFC NoSubs
18 4 22 112 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 280.9 2.0
0 0.00 100. 1011. 0 ADJ-SFC NoSubs
18 4 22 112 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 1.00 0.00 0.0 10.0 282.5 2.0
0 0.00 96. 1010. 10 ADJ-SFC NoSubs
18 4 22 112 5 -6.7 0.105 -9.000 -9.000 -999. 82. 15.8 0.0250 0.48 1.00 1.76 290.0 10.0 282.0 2.0 0
0.00 100. 1010. 10 ADJ-SFC NoSubs
18 4 22 112 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.48 0.74 0.00 0.0 10.0 281.4 2.0
0 0.00 100. 1010. 0 ADJ-SFC NoSubs
18 4 22 112 7 6.7 -9.000 -9.000 -9.000 90. -999. -99999.0 0.0304 0.48 0.34 0.00 0.0 10.0 284.2 2.0 0
0.00 92. 1010. 0 ADJ-SFC NoSubs
18 4 22 112 8 53.1 -9.000 -9.000 -9.000 181. -999. -99999.0 0.0304 0.48 0.21 0.00 0.0 10.0 287.0 2.0 0
0.00 86. 1010. 0 ADJ-SFC NoSubs
18 4 22 112 9 95.2 -9.000 -9.000 -9.000 240. -999. -99999.0 0.0304 0.48 0.18 0.00 0.0 10.0 289.2 2.0 0
0.00 77. 1010. 0 ADJ-SFC NoSubs
18 4 22 112 10 128.8 0.218 1.011 0.022 289. 244. -7.2 0.0370 0.48 0.17 2.36 174.0 10.0 290.9 2.0 0
0.00 74. 1010. 0 ADJ-SFC NoSubs
18 4 22 112 11 152.7 0.251 1.138 0.019 347. 302. -9.3 0.0340 0.48 0.16 2.86 149.0 10.0 293.1 2.0 0
0.00 69. 1009. 0 ADJ-SFC NoSubs
18 4 22 112 12 165.3 -9.000 -9.000 -9.000 438. -999. -99999.0 0.0304 0.48 0.16 999.00 999.0 -9.0 294.5 2.0
9999 -9.00 999. 1007. 0 NAD Sub_CC-TT
18 4 22 112 13 166.8 0.323 1.371 0.013 556. 441. -18.2 0.0370 0.48 0.16 3.86 155.0 10.0 295.9 2.0 0
0.00 58. 1008. 0 ADJ-SFC NoSubs
18 4 22 112 14 155.8 0.237 1.378 0.011 604. 280. -7.6 0.0230 0.48 0.16 2.86 194.0 10.0 293.1 2.0 0
0.00 60. 1008. 0 ADJ-SFC NoSubs
18 4 22 112 15 135.3 0.282 1.339 0.009 638. 359. -14.9 0.0340 0.48 0.16 3.36 210.0 10.0 295.4 2.0 0
0.00 50. 1008. 0 ADJ-SFC NoSubs
18 4 22 112 16 103.3 0.346 1.237 0.008 658. 488. -36.0 0.0370 0.48 0.17 4.36 161.0 10.0 293.8 2.0 0
0.00 60. 1007. 0 ADJ-SFC NoSubs
18 4 22 112 17 61.9 0.318 1.047 0.008 666. 432. -46.9 0.0370 0.48 0.20 4.08 164.0 10.0 289.2 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
18 4 22 112 18 15.7 0.285 0.664 0.008 668. 366. -132.3 0.0370 0.48 0.30 3.83 172.0 10.0 287.0 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 4 22 112 19 -19.8 0.212 -9.000 -9.000 -999. 236. 49.4 0.0370 0.48 0.63 3.15 163.0 10.0 284.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 4 22 112 20 -19.5 0.196 -9.000 -9.000 -999. 209. 42.4 0.0340 0.48 1.00 2.98 123.0 10.0 284.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 4 22 112 21 -9.1 0.125 -9.000 -9.000 -999. 107. 19.0 0.0270 0.48 1.00 2.03 87.0 10.0 284.2 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 4 22 112 22 -8.2 0.118 -9.000 -9.000 -999. 97. 18.0 0.0270 0.48 1.00 1.93 69.0 10.0 284.2 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 4 22 112 23 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0300 0.48 1.00 1.55 34.0 10.0 283.8 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 4 22 112 24 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0360 0.48 1.00 1.40 352.0 10.0 283.1 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 4 23 113 1 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0310 0.48 1.00 1.52 325.0 10.0 282.5 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 4 23 113 2 -4.7 0.089 -9.000 -9.000 -999. 63. 13.5 0.0310 0.48 1.00 1.43 305.0 10.0 282.5 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 4 23 113 3 -5.1 0.093 -9.000 -9.000 -999. 68. 14.0 0.0310 0.48 1.00 1.50 302.0 10.0 280.9 2.0 0
0.00 95. 1009. 0 ADJ-A1 NoSubs
18 4 23 113 4 -4.2 0.084 -9.000 -9.000 -999. 59. 12.9 0.0340 0.48 1.00 1.33 220.0 10.0 281.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 4 23 113 5 -3.0 0.071 -9.000 -9.000 -999. 46. 11.1 0.0230 0.48 1.00 1.16 202.0 10.0 282.5 2.0 0

0.00 100. 1010. 10 ADJ-A1 NoSubs
18 4 23 113 6 -2.4 0.067 -9.000 -9.000 -999. 41. 11.2 0.0270 0.48 0.72 0.99 77.0 10.0 282.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 4 23 113 7 -0.4 0.092 -9.000 -9.000 -999. 67. 188.3 0.0300 0.48 0.33 1.38 98.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 4 23 113 8 11.2 0.100 0.294 0.023 82. 76. -8.2 0.0300 0.48 0.21 1.16 107.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 4 23 113 9 94.6 0.114 0.817 0.019 207. 93. -1.4 0.0300 0.48 0.18 1.03 104.0 10.0 285.9 2.0 0
0.00 89. 1011. 5 ADJ-A1 NoSubs
18 4 23 113 10 129.1 0.154 1.008 0.017 286. 146. -2.6 0.0370 0.48 0.17 1.45 154.0 10.0 289.2 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
18 4 23 113 11 152.4 0.263 1.144 0.013 354. 324. -10.8 0.0230 0.48 0.16 3.29 184.0 10.0 289.9 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
18 4 23 113 12 164.6 0.284 1.230 0.009 408. 364. -12.6 0.0230 0.48 0.16 3.61 193.0 10.0 290.4 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
18 4 23 113 13 165.3 0.314 1.299 0.006 478. 422. -16.9 0.0230 0.48 0.16 4.10 201.0 10.0 289.2 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 4 23 113 14 155.2 0.338 1.322 0.005 537. 471. -22.4 0.0230 0.48 0.16 4.51 191.0 10.0 289.2 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 4 23 113 15 133.8 0.320 1.367 0.005 689. 435. -22.1 0.0230 0.48 0.16 4.27 199.0 10.0 288.1 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 4 23 113 16 102.3 0.291 1.290 0.005 757. 377. -21.7 0.0340 0.48 0.17 3.59 210.0 10.0 288.1 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
18 4 23 113 17 61.8 0.289 1.120 0.005 819. 373. -35.2 0.0230 0.48 0.20 3.98 202.0 10.0 286.4 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
18 4 23 113 18 2.0 0.244 0.352 0.005 791. 290. -665.8 0.0340 0.48 0.30 3.44 218.0 10.0 284.2 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 4 23 113 19 -15.3 0.166 -9.000 -9.000 -999. 164. 30.3 0.0340 0.48 0.62 2.54 221.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 4 23 113 20 -15.9 0.167 -9.000 -9.000 -999. 164. 30.7 0.0340 0.48 1.00 2.56 223.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 4 23 113 21 -6.0 0.100 -9.000 -9.000 -999. 77. 15.2 0.0280 0.48 1.00 1.65 242.0 10.0 284.2 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 4 23 113 22 -5.0 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.48 1.00 1.55 180.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 4 23 113 23 -3.4 0.077 -9.000 -9.000 -999. 52. 12.3 0.0370 0.48 1.00 1.18 174.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 4 23 113 24 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0340 0.48 1.00 1.13 136.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 4 24 114 1 -2.9 0.072 -9.000 -9.000 -999. 46. 11.8 0.0370 0.48 1.00 1.06 168.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 4 24 114 2 -2.7 0.070 -9.000 -9.000 -999. 44. 11.4 0.0300 0.48 1.00 1.06 115.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 4 24 114 3 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.48 1.00 1.26 188.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 4 24 114 4 -3.9 0.081 -9.000 -9.000 -999. 56. 12.6 0.0340 0.48 1.00 1.28 137.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 4 24 114 5 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0340 0.48 1.00 1.23 120.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 4 24 114 6 -3.2 0.075 -9.000 -9.000 -999. 49. 11.8 0.0300 0.48 0.71 1.18 92.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 4 24 114 7 -0.1 0.110 -9.000 -9.000 -999. 87. 1256.4 0.0340 0.48 0.33 1.57 239.0 10.0 283.1 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 4 24 114 8 11.5 0.111 0.470 0.028 324. 89. -10.8 0.0250 0.48 0.21 1.37 270.0 10.0 283.8 2.0 0

0.00 96. 1011. 10 ADJ-A1 NoSubs
18 4 24 114 9 21.9 0.117 0.615 0.028 381. 97. -6.7 0.0230 0.48 0.18 1.40 199.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 4 24 114 10 30.4 0.165 0.723 0.028 448. 160. -13.3 0.0370 0.48 0.17 1.91 162.0 10.0 285.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 4 24 114 11 36.4 0.249 0.806 0.028 518. 298. -38.2 0.0340 0.48 0.16 3.20 224.0 10.0 286.4 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
18 4 24 114 12 159.1 0.308 1.375 0.026 590. 410. -16.6 0.0340 0.48 0.16 3.71 219.0 10.0 288.1 2.0 0
0.00 80. 1012. 5 ADJ-A1 NoSubs
18 4 24 114 13 165.7 0.351 1.406 0.024 605. 499. -23.5 0.0230 0.48 0.16 4.70 203.0 10.0 288.8 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 4 24 114 14 155.5 0.326 1.381 0.022 612. 448. -20.1 0.0230 0.48 0.16 4.32 204.0 10.0 288.1 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 4 24 114 15 134.1 0.359 1.319 0.020 617. 517. -31.2 0.0340 0.48 0.16 4.56 215.0 10.0 287.5 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 4 24 114 16 102.6 0.345 1.209 0.019 622. 486. -36.1 0.0340 0.48 0.17 4.42 222.0 10.0 287.0 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 4 24 114 17 62.4 0.331 1.026 0.018 624. 458. -52.5 0.0340 0.48 0.20 4.34 218.0 10.0 286.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
18 4 24 114 18 16.5 0.269 0.659 0.018 625. 336. -106.2 0.0340 0.48 0.30 3.64 216.0 10.0 284.9 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 4 24 114 19 -14.8 0.168 -9.000 -9.000 -999. 170. 31.0 0.0340 0.48 0.61 2.56 226.0 10.0 283.8 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
18 4 24 114 20 -5.2 0.094 -9.000 -9.000 -999. 71. 14.5 0.0340 0.48 1.00 1.50 229.0 10.0 284.2 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 4 24 114 21 -3.3 0.076 -9.000 -9.000 -999. 51. 12.1 0.0340 0.48 1.00 1.18 222.0 10.0 284.2 2.0 0
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18 4 26 116 18 17.7 0.342 0.713 0.019 739. 482. -204.5 0.0340 0.48 0.29 4.73 226.0 10.0 284.9 2.0 0
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0 0.00 64. 1014. 0 ADJ-A1 NoSubs
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18 4 29 119 7 1.1 0.079 0.262 0.005 584. 53. -40.1 0.0310 0.48 0.31 1.04 324.0 10.0 283.8 2.0 0
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0.00 80. 1013. 10 ADJ-A1 NoSubs
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0.00 77. 1013. 10 ADJ-A1 NoSubs
18 4 29 119 10 31.6 0.309 0.862 0.005 734. 411. -84.1 0.0280 0.48 0.16 4.29 244.0 10.0 287.0 2.0 0
0.00 74. 1014. 10 ADJ-A1 NoSubs
18 4 29 119 11 37.3 0.262 0.937 0.005 799. 323. -43.7 0.0340 0.48 0.16 3.40 225.0 10.0 287.0 2.0 0
0.00 74. 1014. 10 ADJ-A1 NoSubs
18 4 29 119 12 40.5 0.289 0.981 0.005 844. 374. -54.2 0.0340 0.48 0.16 3.80 229.0 10.0 288.1 2.0 0
0.00 68. 1013. 10 ADJ-A1 NoSubs
18 4 29 119 13 40.5 0.373 0.998 0.005 886. 547. -115.9 0.0340 0.48 0.16 5.07 230.0 10.0 287.5 2.0 0
0.00 69. 1013. 10 ADJ-A1 NoSubs
18 4 29 119 14 38.1 0.237 0.992 0.005 925. 289. -31.7 0.0280 0.48 0.16 3.13 242.0 10.0 288.1 2.0 0
0.00 66. 1013. 10 ADJ-A1 NoSubs
18 4 29 119 15 33.0 0.179 0.956 0.005 957. 183. -15.6 0.0250 0.48 0.16 2.28 273.0 10.0 288.8 2.0 0
0.00 66. 1012. 10 ADJ-A1 NoSubs
18 4 29 119 16 25.3 0.315 0.882 0.005 981. 424. -111.3 0.0340 0.48 0.17 4.27 235.0 10.0 289.2 2.0 0
0.00 66. 1012. 10 ADJ-A1 NoSubs
18 4 29 119 17 15.2 0.291 0.748 0.005 995. 376. -145.9 0.0340 0.48 0.20 3.98 232.0 10.0 288.8 2.0 0
0.00 71. 1012. 10 ADJ-A1 NoSubs
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0.00 71. 1011. 10 ADJ-A1 NoSubs
18 4 29 119 19 -17.1 0.192 -9.000 -9.000 -999. 202. 40.3 0.0280 0.48 0.57 3.00 254.0 10.0 287.5 2.0 0
0.00 64. 1012. 10 ADJ-A1 NoSubs
18 4 29 119 20 -14.1 0.155 -9.000 -9.000 -999. 147. 26.6 0.0250 0.48 1.00 2.52 281.0 10.0 285.4 2.0 0
0.00 71. 1012. 7 ADJ-A1 NoSubs
18 4 29 119 21 -4.9 0.091 -9.000 -9.000 -999. 67. 13.9 0.0310 0.48 1.00 1.47 307.0 10.0 284.9 2.0 0
0.00 76. 1013. 7 ADJ-A1 NoSubs
18 4 29 119 22 -3.9 0.081 -9.000 -9.000 -999. 56. 12.2 0.0250 0.48 1.00 1.35 297.0 10.0 283.8 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
18 4 29 119 23 -6.5 0.105 -9.000 -9.000 -999. 82. 15.9 0.0310 0.48 1.00 1.69 327.0 10.0 282.0 2.0 0

0.00 89. 1013. 0 ADJ-A1 NoSubs
18 4 29 119 24 -13.2 0.151 -9.000 -9.000 -999. 141. 25.1 0.0310 0.48 1.00 2.37 308.0 10.0 281.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 4 30 120 1 -7.0 0.108 -9.000 -9.000 -999. 86. 16.4 0.0310 0.48 1.00 1.74 305.0 10.0 280.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
18 4 30 120 2 -9.4 0.126 -9.000 -9.000 -999. 108. 19.4 0.0310 0.48 1.00 2.01 303.0 10.0 280.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
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0.00 92. 1012. 7 ADJ-A1 NoSubs
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0.00 92. 1012. 0 ADJ-A1 NoSubs
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0.00 92. 1012. 0 ADJ-A1 NoSubs
18 4 30 120 6 -7.7 0.115 -9.000 -9.000 -999. 94. 17.7 0.0310 0.48 0.64 1.84 309.0 10.0 280.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
18 4 30 120 7 1.1 0.075 0.126 0.005 66. 49. -33.7 0.0250 0.48 0.31 1.01 272.0 10.0 282.5 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 4 30 120 8 12.7 0.082 0.423 0.005 214. 56. -3.9 0.0300 0.48 0.21 0.86 118.0 10.0 283.8 2.0 0
0.00 85. 1013. 10 ADJ-A1 NoSubs
18 4 30 120 9 23.5 0.137 0.575 0.005 293. 121. -9.9 0.0370 0.48 0.17 1.54 171.0 10.0 286.4 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
18 4 30 120 10 31.6 0.158 0.678 0.008 356. 151. -11.3 0.0230 0.48 0.16 1.99 205.0 10.0 286.4 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
18 4 30 120 11 37.5 0.276 0.768 0.009 436. 348. -50.7 0.0230 0.48 0.16 3.88 193.0 10.0 287.5 2.0 0
0.00 66. 1012. 10 ADJ-A1 NoSubs
18 4 30 120 12 168.0 0.418 1.545 0.008 793. 648. -39.1 0.0340 0.48 0.16 5.38 217.0 10.0 289.2 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
18 4 30 120 13 168.7 0.463 1.562 0.006 816. 756. -53.1 0.0340 0.48 0.16 6.07 223.0 10.0 289.2 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
18 4 30 120 14 158.6 0.499 1.543 0.005 836. 845. -70.6 0.0340 0.48 0.16 6.64 223.0 10.0 289.2 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
18 4 30 120 15 137.4 0.446 1.483 0.005 856. 717. -58.0 0.0340 0.48 0.16 5.87 230.0 10.0 289.2 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
18 4 30 120 16 105.8 0.462 1.381 0.005 898. 752. -83.7 0.0340 0.48 0.17 6.19 229.0 10.0 287.5 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
18 4 30 120 17 65.9 0.375 1.191 0.005 924. 557. -72.2 0.0340 0.48 0.20 5.00 228.0 10.0 287.0 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
18 4 30 120 18 20.2 0.230 0.811 0.005 947. 280. -54.3 0.0230 0.48 0.29 3.25 197.0 10.0 285.9 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
18 4 30 120 19 -6.2 0.106 -9.000 -9.000 -999. 96. 17.3 0.0270 0.48 0.57 1.74 77.0 10.0 285.4 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
18 4 30 120 20 -7.7 0.114 -9.000 -9.000 -999. 93. 17.4 0.0300 0.48 1.00 1.84 2.0 10.0 283.8 2.0 0
0.00 79. 1008. 7 ADJ-A1 NoSubs
18 4 30 120 21 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0310 0.48 1.00 1.42 304.0 10.0 283.1 2.0 0
0.00 76. 1009. 3 ADJ-A1 NoSubs
18 4 30 120 22 -4.7 0.089 -9.000 -9.000 -999. 63. 13.4 0.0310 0.48 1.00 1.43 318.0 10.0 281.4 2.0 0
0.00 85. 1008. 0 ADJ-A1 NoSubs
18 4 30 120 23 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0360 0.48 1.00 1.59 355.0 10.0 281.4 2.0 0
0.00 85. 1008. 0 ADJ-A1 NoSubs
18 4 30 120 24 -8.0 0.117 -9.000 -9.000 -999. 96. 17.8 0.0310 0.48 1.00 1.87 328.0 10.0 280.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 5 1 121 1 -5.1 0.093 -9.000 -9.000 -999. 69. 14.3 0.0360 0.48 1.00 1.47 333.0 10.0 279.9 2.0 0
0.00 88. 1008. 0 ADJ-A1 NoSubs
18 5 1 121 2 -6.3 0.103 -9.000 -9.000 -999. 79. 15.7 0.0360 0.48 1.00 1.62 332.0 10.0 279.2 2.0 0

0.00 92. 1007. 0 ADJ-A1 NoSubs
18 5 1 121 3 -5.8 0.099 -9.000 -9.000 -999. 75. 15.0 0.0310 0.48 1.00 1.60 314.0 10.0 279.9 2.0 0
0.00 92. 1007. 7 ADJ-A1 NoSubs
18 5 1 121 4 -6.2 0.102 -9.000 -9.000 -999. 78. 15.5 0.0310 0.48 1.00 1.65 309.0 10.0 280.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 5 1 121 5 -8.2 0.118 -9.000 -9.000 -999. 98. 18.1 0.0310 0.48 1.00 1.89 304.0 10.0 281.4 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 5 1 121 6 -6.1 0.102 -9.000 -9.000 -999. 79. 15.8 0.0310 0.48 0.63 1.65 302.0 10.0 282.0 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
18 5 1 121 7 1.4 0.075 0.112 0.005 36. 49. -26.5 0.0300 0.48 0.31 0.96 26.0 10.0 283.1 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
18 5 1 121 8 12.9 0.120 0.357 0.005 127. 100. -12.0 0.0340 0.48 0.20 1.40 148.0 10.0 283.8 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
18 5 1 121 9 23.3 0.162 0.632 0.014 388. 157. -16.4 0.0230 0.48 0.17 2.11 184.0 10.0 284.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
18 5 1 121 10 31.6 0.183 0.803 0.017 588. 188. -17.5 0.0370 0.48 0.16 2.18 156.0 10.0 285.9 2.0 0
0.00 73. 1007. 10 ADJ-A1 NoSubs
18 5 1 121 11 127.1 0.284 1.308 0.016 633. 364. -16.2 0.0370 0.48 0.16 3.36 158.0 10.0 286.4 2.0 0
0.00 74. 1007. 7 ADJ-A1 NoSubs
18 5 1 121 12 136.4 0.332 1.370 0.014 678. 460. -24.2 0.0370 0.48 0.16 4.07 178.0 10.0 287.5 2.0 0
0.00 71. 1007. 7 ADJ-A1 NoSubs
18 5 1 121 13 168.9 0.301 1.508 0.012 730. 398. -14.5 0.0230 0.48 0.16 3.88 202.0 10.0 288.1 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
18 5 1 121 14 158.8 0.330 1.494 0.011 755. 455. -20.3 0.0230 0.48 0.16 4.37 200.0 10.0 288.1 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
18 5 1 121 15 137.4 0.346 1.433 0.009 770. 488. -27.0 0.0230 0.48 0.16 4.68 202.0 10.0 287.5 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
18 5 1 121 16 106.4 0.321 1.323 0.008 781. 437. -27.8 0.0370 0.48 0.17 3.97 171.0 10.0 288.1 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
18 5 1 121 17 66.2 0.348 1.132 0.008 787. 493. -57.2 0.0370 0.48 0.20 4.51 154.0 10.0 285.9 2.0 0
0.00 79. 1006. 0 ADJ-A1 NoSubs
18 5 1 121 18 21.8 0.282 0.784 0.007 789. 362. -92.2 0.0340 0.48 0.28 3.80 124.0 10.0 285.4 2.0 0
0.00 82. 1006. 7 ADJ-A1 NoSubs
18 5 1 121 19 -17.0 0.201 -9.000 -9.000 -999. 219. 44.4 0.0300 0.48 0.56 3.10 48.0 10.0 284.9 2.0 0
0.00 82. 1006. 0 ADJ-A1 NoSubs
18 5 1 121 20 -17.6 0.177 -9.000 -9.000 -999. 179. 34.5 0.0270 0.48 1.00 2.81 72.0 10.0 283.1 2.0 0
0.00 92. 1006. 5 ADJ-A1 NoSubs
18 5 1 121 21 -22.8 0.230 -9.000 -9.000 -999. 265. 58.2 0.0300 0.48 1.00 3.54 55.0 10.0 283.8 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 5 1 121 22 -13.6 0.154 -9.000 -9.000 -999. 146. 26.0 0.0300 0.48 1.00 2.42 12.0 10.0 284.2 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 5 1 121 23 -7.1 0.110 -9.000 -9.000 -999. 87. 16.7 0.0300 0.48 1.00 1.77 29.0 10.0 284.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
18 5 1 121 24 -2.6 0.069 -9.000 -9.000 -999. 43. 11.2 0.0280 0.48 1.00 1.04 246.0 10.0 283.8 2.0 0
0.00 85. 1008. 10 ADJ-A1 NoSubs
18 5 2 122 1 -3.7 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.48 1.00 1.30 86.0 10.0 284.2 2.0 0
0.00 82. 1008. 10 ADJ-A1 NoSubs
18 5 2 122 2 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0340 0.48 1.00 1.38 230.0 10.0 283.8 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
18 5 2 122 3 -5.7 0.099 -9.000 -9.000 -999. 75. 15.1 0.0340 0.48 1.00 1.57 238.0 10.0 283.8 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
18 5 2 122 4 -5.2 0.094 -9.000 -9.000 -999. 70. 14.4 0.0340 0.48 1.00 1.50 222.0 10.0 283.8 2.0 0
0.00 82. 1008. 10 ADJ-A1 NoSubs
18 5 2 122 5 -3.4 0.077 -9.000 -9.000 -999. 52. 12.2 0.0340 0.48 1.00 1.20 234.0 10.0 283.8 2.0 0

0.00 89. 1009. 10 ADJ-A1 NoSubs
18 5 2 122 6 -3.1 0.074 -9.000 -9.000 -999. 48. 12.0 0.0340 0.48 0.62 1.14 215.0 10.0 283.8 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 5 2 122 7 1.9 0.100 0.336 0.022 719. 76. -47.9 0.0340 0.48 0.30 1.31 238.0 10.0 284.9 2.0 0
0.00 85. 1010. 10 ADJ-A1 NoSubs
18 5 2 122 8 13.4 0.134 0.646 0.022 723. 117. -16.0 0.0280 0.48 0.20 1.67 240.0 10.0 285.4 2.0 0
0.00 71. 1010. 10 ADJ-A1 NoSubs
18 5 2 122 9 84.9 0.176 1.207 0.021 746. 177. -5.8 0.0340 0.48 0.17 1.89 143.0 10.0 287.0 2.0 0
0.00 66. 1010. 7 ADJ-A1 NoSubs
18 5 2 122 10 137.2 0.217 1.423 0.020 759. 243. -6.7 0.0230 0.48 0.16 2.59 203.0 10.0 288.1 2.0 0
0.00 66. 1011. 3 ADJ-A1 NoSubs
18 5 2 122 11 157.2 0.360 1.495 0.018 767. 517. -26.7 0.0340 0.48 0.16 4.51 224.0 10.0 288.8 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
18 5 2 122 12 168.9 0.418 1.536 0.016 776. 648. -39.0 0.0340 0.48 0.16 5.38 222.0 10.0 289.2 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
18 5 2 122 13 169.6 0.413 1.544 0.014 785. 638. -37.6 0.0340 0.48 0.16 5.31 235.0 10.0 289.2 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
18 5 2 122 14 159.3 0.425 1.518 0.013 793. 665. -43.5 0.0340 0.48 0.16 5.51 230.0 10.0 288.8 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
18 5 2 122 15 138.0 0.466 1.451 0.011 800. 763. -66.1 0.0340 0.48 0.16 6.18 220.0 10.0 288.1 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 5 2 122 16 106.7 0.428 1.335 0.010 806. 674. -66.4 0.0340 0.48 0.17 5.68 236.0 10.0 287.5 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 5 2 122 17 70.5 0.384 1.165 0.010 811. 572. -72.3 0.0340 0.48 0.20 5.11 229.0 10.0 287.0 2.0 0
0.00 74. 1013. 3 ADJ-A1 NoSubs
18 5 2 122 18 21.4 0.277 0.784 0.010 813. 357. -89.8 0.0340 0.48 0.28 3.73 211.0 10.0 285.9 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
18 5 2 122 19 -14.5 0.172 -9.000 -9.000 -999. 177. 32.6 0.0340 0.48 0.55 2.62 223.0 10.0 283.8 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
18 5 2 122 20 -4.4 0.087 -9.000 -9.000 -999. 65. 13.3 0.0340 0.48 1.00 1.37 234.0 10.0 283.8 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 5 2 122 21 -1.5 0.059 -9.000 -9.000 -999. 35. 12.3 0.0250 0.48 1.00 0.72 275.0 10.0 283.1 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 5 2 122 22 -4.4 0.085 -9.000 -9.000 -999. 59. 12.7 0.0250 0.48 1.00 1.42 294.0 10.0 282.5 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 5 2 122 23 -2.7 0.070 -9.000 -9.000 -999. 44. 11.4 0.0310 0.48 1.00 1.04 314.0 10.0 282.0 2.0 0
0.00 92. 1015. 3 ADJ-A1 NoSubs
18 5 2 122 24 -1.3 0.059 -9.000 -9.000 -999. 35. 14.1 0.0360 0.48 1.00 0.60 357.0 10.0 281.4 2.0 0
0.00 92. 1015. 7 ADJ-A1 NoSubs
18 5 3 123 1 -2.5 0.067 -9.000 -9.000 -999. 42. 11.0 0.0250 0.48 1.00 1.03 295.0 10.0 283.1 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
18 5 3 123 2 -4.8 0.089 -9.000 -9.000 -999. 64. 13.5 0.0280 0.48 1.00 1.47 241.0 10.0 283.8 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
18 5 3 123 3 -3.6 0.078 -9.000 -9.000 -999. 52. 12.0 0.0280 0.48 1.00 1.26 256.0 10.0 283.8 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
18 5 3 123 4 -3.1 0.073 -9.000 -9.000 -999. 47. 11.2 0.0230 0.48 1.00 1.20 208.0 10.0 283.8 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
18 5 3 123 5 -8.5 0.120 -9.000 -9.000 -999. 100. 18.6 0.0340 0.48 1.00 1.89 220.0 10.0 283.1 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
18 5 3 123 6 -2.7 0.069 -9.000 -9.000 -999. 44. 11.3 0.0280 0.48 0.61 1.08 241.0 10.0 283.8 2.0 0
0.00 85. 1018. 10 ADJ-A1 NoSubs
18 5 3 123 7 1.9 0.126 0.230 0.005 234. 108. -97.3 0.0280 0.48 0.30 1.77 257.0 10.0 283.8 2.0 0
0.00 89. 1018. 10 ADJ-A1 NoSubs
18 5 3 123 8 13.4 0.111 0.504 0.009 347. 88. -9.2 0.0340 0.48 0.20 1.26 228.0 10.0 284.2 2.0 0

0.00 86. 1018. 10 ADJ-A1 NoSubs
18 5 3 123 9 23.6 0.153 0.681 0.017 487. 144. -13.8 0.0280 0.48 0.17 1.89 258.0 10.0 284.9 2.0 0
0.00 85. 1019. 10 ADJ-A1 NoSubs
18 5 3 123 10 31.7 0.193 0.818 0.026 627. 204. -20.7 0.0280 0.48 0.16 2.47 249.0 10.0 284.9 2.0 0
0.00 82. 1020. 10 ADJ-A1 NoSubs
18 5 3 123 11 37.6 0.170 0.884 0.025 668. 168. -11.9 0.0230 0.48 0.16 2.15 198.0 10.0 286.4 2.0 0
0.00 80. 1020. 10 ADJ-A1 NoSubs
18 5 3 123 12 40.7 0.202 0.912 0.025 678. 218. -18.5 0.0230 0.48 0.16 2.66 199.0 10.0 287.0 2.0 0
0.00 80. 1020. 10 ADJ-A1 NoSubs
18 5 3 123 13 172.3 0.245 1.505 0.023 720. 290. -7.7 0.0230 0.48 0.16 2.96 194.0 10.0 289.2 2.0 0
0.00 71. 1019. 3 ADJ-A1 NoSubs
18 5 3 123 14 160.0 0.267 1.493 0.021 756. 332. -10.9 0.0230 0.48 0.16 3.35 209.0 10.0 289.9 2.0 0
0.00 69. 1018. 0 ADJ-A1 NoSubs
18 5 3 123 15 138.7 0.318 1.442 0.020 786. 431. -21.1 0.0340 0.48 0.16 3.92 213.0 10.0 289.2 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
18 5 3 123 16 107.7 0.260 1.346 0.019 821. 319. -14.8 0.0230 0.48 0.17 3.35 207.0 10.0 289.9 2.0 0
0.00 69. 1017. 0 ADJ-A1 NoSubs
18 5 3 123 17 67.9 0.228 1.162 0.018 840. 262. -15.9 0.0230 0.48 0.20 2.96 207.0 10.0 288.8 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
18 5 3 123 18 22.3 0.199 0.805 0.018 845. 214. -32.1 0.0230 0.48 0.28 2.73 196.0 10.0 287.5 2.0 0
0.00 80. 1016. 0 ADJ-A1 NoSubs
18 5 3 123 19 -12.0 0.152 -9.000 -9.000 -999. 143. 26.6 0.0340 0.48 0.55 2.33 210.0 10.0 284.9 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
18 5 3 123 20 -6.3 0.104 -9.000 -9.000 -999. 80. 16.0 0.0370 0.48 1.00 1.62 161.0 10.0 284.9 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
18 5 3 123 21 -14.9 0.161 -9.000 -9.000 -999. 154. 28.4 0.0300 0.48 1.00 2.52 92.0 10.0 284.2 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
18 5 3 123 22 -13.3 0.151 -9.000 -9.000 -999. 141. 25.0 0.0270 0.48 1.00 2.42 66.0 10.0 283.8 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
18 5 3 123 23 -6.2 0.102 -9.000 -9.000 -999. 78. 15.4 0.0300 0.48 1.00 1.65 40.0 10.0 283.1 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
18 5 3 123 24 -5.0 0.092 -9.000 -9.000 -999. 67. 14.2 0.0360 0.48 1.00 1.45 338.0 10.0 282.5 2.0 0
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18 5 4 124 1 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0310 0.48 1.00 1.76 300.0 10.0 282.0 2.0 0
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18 5 4 124 2 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0310 0.48 1.00 1.03 328.0 10.0 281.4 2.0 0
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18 5 4 124 3 -4.5 0.087 -9.000 -9.000 -999. 61. 13.2 0.0310 0.48 1.00 1.40 311.0 10.0 280.9 2.0 0
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18 5 4 124 5 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.48 1.00 1.33 322.0 10.0 280.9 2.0 0
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18 5 4 124 8 62.3 0.159 0.898 0.030 422. 152. -5.8 0.0300 0.48 0.20 1.76 51.0 10.0 285.9 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
18 5 4 124 9 103.5 0.122 1.083 0.029 446. 102. -1.6 0.0270 0.48 0.17 1.14 77.0 10.0 289.2 2.0 0
0.00 74. 1018. 0 ADJ-A1 NoSubs
18 5 4 124 10 136.7 0.158 1.200 0.027 459. 150. -2.6 0.0340 0.48 0.16 1.52 128.0 10.0 292.5 2.0 0
0.00 62. 1017. 0 ADJ-A1 NoSubs
18 5 4 124 11 159.3 0.275 1.275 0.024 472. 347. -11.9 0.0340 0.48 0.16 3.21 235.0 10.0 293.1 2.0 0

0.00 64. 1017. 0 ADJ-A1 NoSubs
18 5 4 124 12 171.2 0.321 1.317 0.021 484. 435. -17.4 0.0340 0.48 0.16 3.88 237.0 10.0 294.2 2.0 0
0.00 58. 1017. 0 ADJ-A1 NoSubs
18 5 4 124 13 171.5 0.274 1.329 0.019 496. 346. -10.9 0.0340 0.48 0.16 3.17 214.0 10.0 293.1 2.0 0
0.00 60. 1016. 0 ADJ-A1 NoSubs
18 5 4 124 14 161.4 0.356 1.312 0.016 507. 509. -25.3 0.0370 0.48 0.16 4.37 177.0 10.0 293.1 2.0 0
0.00 56. 1016. 0 ADJ-A1 NoSubs
18 5 4 124 15 140.4 0.306 1.265 0.014 522. 408. -18.5 0.0370 0.48 0.16 3.66 168.0 10.0 293.8 2.0 0
0.00 52. 1015. 0 ADJ-A1 NoSubs
18 5 4 124 16 108.5 0.316 1.172 0.013 537. 427. -26.4 0.0370 0.48 0.17 3.90 155.0 10.0 290.9 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
18 5 4 124 17 68.4 0.297 1.010 0.012 545. 390. -34.8 0.0370 0.48 0.20 3.74 161.0 10.0 288.8 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
18 5 4 124 18 22.5 0.253 0.697 0.012 546. 306. -65.2 0.0370 0.48 0.28 3.30 152.0 10.0 285.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 5 4 124 19 -16.2 0.199 -9.000 -9.000 -999. 214. 44.0 0.0340 0.48 0.54 3.00 144.0 10.0 284.9 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 5 4 124 20 -22.0 0.220 -9.000 -9.000 -999. 247. 53.2 0.0300 0.48 1.00 3.39 107.0 10.0 284.2 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 5 4 124 21 -18.2 0.182 -9.000 -9.000 -999. 186. 36.3 0.0270 0.48 1.00 2.88 82.0 10.0 284.2 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
18 5 4 124 22 -15.5 0.164 -9.000 -9.000 -999. 159. 29.4 0.0270 0.48 1.00 2.61 80.0 10.0 284.2 2.0 0
0.00 92. 1015. 7 ADJ-A1 NoSubs
18 5 4 124 23 -9.8 0.129 -9.000 -9.000 -999. 111. 19.9 0.0300 0.48 1.00 2.06 53.0 10.0 284.2 2.0 0
0.00 89. 1015. 3 ADJ-A1 NoSubs
18 5 4 124 24 -4.9 0.091 -9.000 -9.000 -999. 66. 14.0 0.0360 0.48 1.00 1.43 350.0 10.0 283.8 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 5 5 125 1 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0310 0.48 1.00 1.57 312.0 10.0 283.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 5 5 125 2 -4.1 0.083 -9.000 -9.000 -999. 57. 12.4 0.0250 0.48 1.00 1.38 296.0 10.0 282.0 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
18 5 5 125 3 -3.3 0.076 -9.000 -9.000 -999. 50. 12.1 0.0360 0.48 1.00 1.16 340.0 10.0 282.5 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 5 5 125 4 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0310 0.48 1.00 1.35 311.0 10.0 282.5 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 5 125 5 -2.9 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.48 1.00 1.08 352.0 10.0 283.1 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 5 125 6 -3.4 0.078 -9.000 -9.000 -999. 53. 13.0 0.0310 0.48 0.59 1.26 305.0 10.0 283.1 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
18 5 5 125 7 17.3 0.153 0.413 0.022 146. 143. -18.6 0.0300 0.48 0.30 1.91 41.0 10.0 284.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 5 5 125 8 64.6 0.197 0.817 0.023 305. 209. -10.7 0.0300 0.48 0.20 2.33 94.0 10.0 285.4 2.0 0
0.00 89. 1014. 5 ADJ-A1 NoSubs
18 5 5 125 9 106.7 0.177 1.000 0.021 339. 179. -4.7 0.0300 0.48 0.17 1.91 115.0 10.0 287.0 2.0 0
0.00 83. 1013. 3 ADJ-A1 NoSubs
18 5 5 125 10 136.2 0.204 1.117 0.019 370. 221. -5.6 0.0340 0.48 0.16 2.18 134.0 10.0 288.8 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
18 5 5 125 11 159.2 0.213 1.209 0.016 402. 236. -5.5 0.0370 0.48 0.16 2.23 158.0 10.0 290.9 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
18 5 5 125 12 170.7 0.297 1.297 0.014 461. 388. -13.8 0.0230 0.48 0.16 3.80 197.0 10.0 290.9 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
18 5 5 125 13 171.6 0.273 1.351 0.012 518. 343. -10.7 0.0230 0.48 0.16 3.42 197.0 10.0 292.0 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 5 5 125 14 161.2 0.314 1.371 0.010 577. 422. -17.3 0.0340 0.48 0.16 3.80 213.0 10.0 290.9 2.0 0

0.00 67. 1011. 0 ADJ-A1 NoSubs
18 5 5 125 15 139.7 0.269 1.367 0.009 659. 336. -12.6 0.0230 0.48 0.16 3.42 187.0 10.0 289.9 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
18 5 5 125 16 107.9 0.316 1.274 0.008 692. 427. -26.5 0.0370 0.48 0.17 3.90 176.0 10.0 286.4 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 5 5 125 17 71.8 0.278 1.125 0.007 715. 352. -26.9 0.0340 0.48 0.20 3.49 139.0 10.0 285.9 2.0 0
0.00 82. 1011. 3 ADJ-A1 NoSubs
18 5 5 125 18 27.6 0.281 0.821 0.007 724. 357. -72.2 0.0270 0.48 0.28 3.90 76.0 10.0 285.4 2.0 0
0.00 82. 1011. 5 ADJ-A1 NoSubs
18 5 5 125 19 -25.2 0.294 -9.000 -9.000 -999. 382. 94.8 0.0300 0.48 0.54 4.46 103.0 10.0 284.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
18 5 5 125 20 -21.7 0.218 -9.000 -9.000 -999. 246. 52.2 0.0270 0.48 1.00 3.42 81.0 10.0 284.2 2.0 0
0.00 86. 1011. 5 ADJ-A1 NoSubs
18 5 5 125 21 -18.2 0.183 -9.000 -9.000 -999. 188. 36.9 0.0270 0.48 1.00 2.90 87.0 10.0 284.2 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
18 5 5 125 22 -11.9 0.143 -9.000 -9.000 -999. 131. 22.6 0.0300 0.48 1.00 2.27 48.0 10.0 284.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 5 5 125 23 -14.8 0.161 -9.000 -9.000 -999. 154. 28.4 0.0300 0.48 1.00 2.52 50.0 10.0 284.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 5 5 125 24 -9.5 0.128 -9.000 -9.000 -999. 110. 19.7 0.0300 0.48 1.00 2.04 22.0 10.0 284.9 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 5 6 126 1 -7.9 0.117 -9.000 -9.000 -999. 96. 18.1 0.0360 0.48 1.00 1.82 345.0 10.0 284.9 2.0 0
0.00 85. 1012. 10 ADJ-A1 NoSubs
18 5 6 126 2 -12.6 0.148 -9.000 -9.000 -999. 136. 24.0 0.0300 0.48 1.00 2.33 52.0 10.0 284.2 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 5 6 126 3 -10.8 0.136 -9.000 -9.000 -999. 120. 21.0 0.0270 0.48 1.00 2.20 76.0 10.0 284.9 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 5 6 126 4 -10.2 0.132 -9.000 -9.000 -999. 116. 20.5 0.0300 0.48 1.00 2.11 93.0 10.0 284.2 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 5 6 126 5 -3.1 0.074 -9.000 -9.000 -999. 49. 11.7 0.0300 0.48 1.00 1.16 47.0 10.0 284.9 2.0 0
0.00 85. 1012. 10 ADJ-A1 NoSubs
18 5 6 126 6 -9.1 0.127 -9.000 -9.000 -999. 109. 20.5 0.0300 0.48 0.58 2.03 92.0 10.0 284.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 5 6 126 7 2.6 0.120 0.389 0.029 805. 100. -59.9 0.0340 0.48 0.29 1.59 135.0 10.0 284.9 2.0 0
0.00 85. 1013. 10 ADJ-A1 NoSubs
18 5 6 126 8 14.1 0.119 0.697 0.030 869. 99. -10.9 0.0250 0.48 0.20 1.47 277.0 10.0 285.4 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
18 5 6 126 9 102.9 0.153 1.404 0.030 973. 143. -3.1 0.0370 0.48 0.17 1.48 151.0 10.0 287.0 2.0 0
0.00 77. 1013. 5 ADJ-A1 NoSubs
18 5 6 126 10 136.8 0.179 1.551 0.029 986. 181. -3.8 0.0340 0.48 0.16 1.81 137.0 10.0 289.2 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
18 5 6 126 11 159.3 0.359 1.639 0.028 1001. 515. -26.1 0.0340 0.48 0.16 4.49 224.0 10.0 289.9 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 5 6 126 12 171.2 0.360 1.685 0.026 1012. 519. -24.6 0.0340 0.48 0.16 4.49 226.0 10.0 291.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
18 5 6 126 13 171.8 0.297 1.692 0.025 1019. 390. -13.7 0.0230 0.48 0.16 3.80 191.0 10.0 291.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
18 5 6 126 14 161.7 0.298 1.662 0.024 1026. 390. -14.8 0.0370 0.48 0.16 3.49 164.0 10.0 291.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
18 5 6 126 15 140.5 0.284 1.588 0.023 1031. 364. -14.8 0.0340 0.48 0.16 3.39 144.0 10.0 290.9 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
18 5 6 126 16 109.3 0.277 1.462 0.022 1034. 349. -17.5 0.0340 0.48 0.17 3.35 137.0 10.0 290.4 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 5 6 126 17 70.0 0.207 1.262 0.021 1036. 227. -11.4 0.0340 0.48 0.20 2.40 144.0 10.0 290.9 2.0 0

0.00 64. 1012. 0 ADJ-A1 NoSubs
18 5 6 126 18 24.6 0.208 0.891 0.021 1037. 228. -33.1 0.0370 0.48 0.28 2.61 176.0 10.0 289.9 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 5 6 126 19 -7.2 0.118 -9.000 -9.000 -999. 100. 20.5 0.0230 0.48 0.53 1.96 190.0 10.0 288.1 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
18 5 6 126 20 -8.8 0.122 -9.000 -9.000 -999. 102. 18.5 0.0230 0.48 1.00 2.04 194.0 10.0 287.0 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
18 5 6 126 21 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.48 1.00 1.62 201.0 10.0 287.0 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
18 5 6 126 22 -8.4 0.119 -9.000 -9.000 -999. 98. 17.9 0.0230 0.48 1.00 1.99 202.0 10.0 285.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 5 6 126 23 -1.5 0.059 -9.000 -9.000 -999. 35. 12.3 0.0250 0.48 1.00 0.72 274.0 10.0 285.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 5 6 126 24 -2.7 0.070 -9.000 -9.000 -999. 44. 11.3 0.0280 0.48 1.00 1.08 262.0 10.0 284.9 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 1 -2.9 0.071 -9.000 -9.000 -999. 45. 11.2 0.0250 0.48 1.00 1.13 284.0 10.0 283.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 2 -5.6 0.097 -9.000 -9.000 -999. 72. 14.4 0.0250 0.48 1.00 1.62 293.0 10.0 283.8 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 3 -4.5 0.086 -9.000 -9.000 -999. 61. 13.1 0.0300 0.48 1.00 1.40 2.0 10.0 282.0 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 4 -9.4 0.126 -9.000 -9.000 -999. 108. 19.5 0.0310 0.48 1.00 2.01 321.0 10.0 282.5 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 5 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.48 1.00 1.37 325.0 10.0 281.4 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 6 -4.8 0.093 -9.000 -9.000 -999. 68. 15.0 0.0310 0.48 0.58 1.50 320.0 10.0 282.5 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 7 18.8 0.120 0.470 0.016 199. 99. -8.2 0.0280 0.48 0.29 1.40 254.0 10.0 285.4 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 5 7 127 8 64.7 0.128 0.818 0.019 306. 109. -2.9 0.0340 0.48 0.20 1.25 123.0 10.0 288.1 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
18 5 7 127 9 105.8 0.143 1.078 0.020 429. 130. -2.5 0.0340 0.48 0.17 1.37 130.0 10.0 291.4 2.0 0
0.00 60. 1015. 0 ADJ-A1 NoSubs
18 5 7 127 10 138.4 0.205 1.217 0.018 472. 223. -5.7 0.0230 0.48 0.16 2.40 187.0 10.0 293.1 2.0 0
0.00 54. 1015. 0 ADJ-A1 NoSubs
18 5 7 127 11 161.0 0.207 1.315 0.015 512. 227. -5.0 0.0230 0.48 0.16 2.39 182.0 10.0 294.2 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 12 172.4 0.285 1.379 0.013 550. 365. -12.2 0.0230 0.48 0.16 3.61 193.0 10.0 294.2 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 13 172.9 0.267 1.455 0.012 644. 332. -10.0 0.0230 0.48 0.16 3.32 187.0 10.0 293.8 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 14 162.9 0.303 1.503 0.011 755. 400. -15.4 0.0370 0.48 0.16 3.56 152.0 10.0 294.2 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
18 5 7 127 15 141.9 0.315 1.448 0.010 774. 423. -19.8 0.0340 0.48 0.16 3.85 124.0 10.0 294.2 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
18 5 7 127 16 110.2 0.338 1.339 0.009 788. 471. -31.6 0.0340 0.48 0.17 4.29 137.0 10.0 292.0 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
18 5 7 127 17 70.5 0.317 1.159 0.008 797. 428. -40.7 0.0340 0.48 0.19 4.09 139.0 10.0 290.9 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 5 7 127 18 25.2 0.295 0.823 0.008 799. 386. -92.4 0.0340 0.48 0.27 3.98 144.0 10.0 289.9 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 5 7 127 19 -18.4 0.244 -9.000 -9.000 -999. 290. 70.8 0.0340 0.48 0.52 3.64 146.0 10.0 287.0 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
18 5 7 127 20 -7.5 0.113 -9.000 -9.000 -999. 104. 17.6 0.0340 0.48 1.00 1.79 120.0 10.0 286.4 2.0 0

0.00 80. 1012. 0 ADJ-A1 NoSubs
18 5 7 127 21 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0340 0.48 1.00 1.30 233.0 10.0 284.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 5 7 127 22 -2.0 0.064 -9.000 -9.000 -999. 39. 11.9 0.0340 0.48 1.00 0.84 216.0 10.0 284.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 5 7 127 23 -3.4 0.076 -9.000 -9.000 -999. 50. 11.7 0.0250 0.48 1.00 1.25 289.0 10.0 284.2 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 5 7 127 24 -4.5 0.087 -9.000 -9.000 -999. 62. 13.5 0.0360 0.48 1.00 1.37 331.0 10.0 283.8 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 5 8 128 1 -5.0 0.092 -9.000 -9.000 -999. 67. 14.2 0.0360 0.48 1.00 1.45 337.0 10.0 283.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 5 8 128 2 -4.1 0.084 -9.000 -9.000 -999. 58. 12.7 0.0300 0.48 1.00 1.35 6.0 10.0 282.5 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 5 8 128 3 -4.9 0.092 -9.000 -9.000 -999. 67. 14.1 0.0360 0.48 1.00 1.44 357.0 10.0 283.8 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 5 8 128 4 -4.4 0.086 -9.000 -9.000 -999. 61. 13.1 0.0300 0.48 1.00 1.40 20.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 5 8 128 5 -2.6 0.069 -9.000 -9.000 -999. 43. 11.4 0.0300 0.48 1.00 1.03 15.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 5 8 128 6 -2.7 0.070 -9.000 -9.000 -999. 44. 11.6 0.0300 0.48 0.57 1.09 13.0 10.0 283.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 5 8 128 7 2.8 0.088 0.254 0.025 214. 63. -22.6 0.0280 0.48 0.29 1.14 248.0 10.0 283.8 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
18 5 8 128 8 14.2 0.123 0.526 0.031 370. 104. -12.0 0.0280 0.48 0.20 1.50 250.0 10.0 284.2 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 5 8 128 9 108.4 0.151 1.123 0.031 472. 141. -2.9 0.0370 0.48 0.17 1.45 164.0 10.0 287.5 2.0 0
0.00 80. 1014. 3 ADJ-A1 NoSubs
18 5 8 128 10 137.9 0.190 1.229 0.029 487. 198. -4.5 0.0230 0.48 0.16 2.15 187.0 10.0 289.9 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
18 5 8 128 11 160.6 0.274 1.302 0.026 497. 344. -11.6 0.0370 0.48 0.16 3.13 176.0 10.0 291.4 2.0 0
0.00 72. 1014. 0 ADJ-A1 NoSubs
18 5 8 128 12 172.0 0.290 1.341 0.023 508. 375. -12.8 0.0370 0.48 0.16 3.35 178.0 10.0 291.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
18 5 8 128 13 172.9 0.259 1.353 0.021 519. 316. -9.0 0.0370 0.48 0.16 2.88 171.0 10.0 292.5 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
18 5 8 128 14 162.3 0.298 1.335 0.018 530. 391. -14.7 0.0370 0.48 0.16 3.49 174.0 10.0 290.9 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
18 5 8 128 15 141.3 0.340 1.287 0.016 545. 475. -25.1 0.0370 0.48 0.16 4.17 164.0 10.0 290.9 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
18 5 8 128 16 110.5 0.281 1.212 0.015 582. 360. -18.2 0.0340 0.48 0.17 3.42 144.0 10.0 291.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 5 8 128 17 71.2 0.278 1.065 0.014 612. 351. -27.2 0.0340 0.48 0.19 3.49 147.0 10.0 291.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 5 8 128 18 25.5 0.262 0.758 0.014 618. 323. -63.9 0.0230 0.48 0.27 3.73 194.0 10.0 288.8 2.0 0
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18 5 8 128 19 -12.7 0.172 -9.000 -9.000 -999. 175. 36.2 0.0370 0.48 0.52 2.57 160.0 10.0 287.5 2.0 0
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18 5 8 128 20 -16.2 0.170 -9.000 -9.000 -999. 168. 31.7 0.0370 0.48 1.00 2.56 171.0 10.0 285.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 8 128 21 -10.6 0.136 -9.000 -9.000 -999. 120. 21.2 0.0340 0.48 1.00 2.11 149.0 10.0 284.9 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 5 8 128 22 -2.0 0.063 -9.000 -9.000 -999. 39. 11.3 0.0250 0.48 1.00 0.87 297.0 10.0 285.4 2.0 0
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18 5 8 128 23 -2.8 0.071 -9.000 -9.000 -999. 45. 11.5 0.0310 0.48 1.00 1.08 300.0 10.0 284.9 2.0 0

0.00 92. 1013. 0 ADJ-A1 NoSubs
18 5 8 128 24 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.48 1.00 1.60 312.0 10.0 284.2 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 5 9 129 1 -2.8 0.070 -9.000 -9.000 -999. 45. 11.3 0.0280 0.48 1.00 1.09 259.0 10.0 284.2 2.0 0
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18 5 9 129 2 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0360 0.48 1.00 0.89 338.0 10.0 284.2 2.0 0
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18 5 9 129 3 -2.4 0.067 -9.000 -9.000 -999. 41. 11.4 0.0300 0.48 1.00 0.97 8.0 10.0 283.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 5 9 129 4 -1.8 0.061 -9.000 -9.000 -999. 36. 11.7 0.0250 0.48 1.00 0.80 273.0 10.0 282.0 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
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0.00 95. 1013. 7 ADJ-A1 NoSubs
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0.00 100. 1013. 10 ADJ-A1 NoSubs
18 5 9 129 7 3.1 0.095 0.216 0.005 115. 70. -24.5 0.0300 0.48 0.29 1.21 41.0 10.0 284.9 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 5 9 129 8 56.6 0.136 0.841 0.006 379. 120. -4.0 0.0230 0.48 0.20 1.52 193.0 10.0 285.9 2.0 0
0.00 96. 1014. 7 ADJ-A1 NoSubs
18 5 9 129 9 106.1 0.243 1.174 0.013 551. 287. -12.2 0.0370 0.48 0.17 2.79 164.0 10.0 288.8 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
18 5 9 129 10 138.8 0.208 1.387 0.013 695. 228. -5.9 0.0370 0.48 0.16 2.20 166.0 10.0 291.4 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
18 5 9 129 11 161.3 0.296 1.566 0.014 861. 386. -14.5 0.0230 0.48 0.16 3.81 195.0 10.0 292.5 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
18 5 9 129 12 173.0 0.318 1.621 0.014 890. 430. -16.7 0.0340 0.48 0.16 3.83 212.0 10.0 293.8 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
18 5 9 129 13 174.0 0.267 1.636 0.014 909. 333. -9.9 0.0230 0.48 0.16 3.32 198.0 10.0 294.9 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 5 9 129 14 164.1 0.281 1.615 0.013 927. 358. -12.2 0.0230 0.48 0.16 3.56 188.0 10.0 295.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
18 5 9 129 15 143.2 0.251 1.554 0.012 946. 303. -10.0 0.0230 0.48 0.16 3.12 181.0 10.0 295.9 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
18 5 9 129 16 112.3 0.224 1.449 0.011 976. 255. -9.1 0.0370 0.48 0.17 2.50 166.0 10.0 295.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 5 9 129 17 73.1 0.229 1.264 0.010 995. 263. -14.8 0.0340 0.48 0.19 2.73 137.0 10.0 295.9 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
18 5 9 129 18 27.1 0.329 0.909 0.010 999. 453. -118.7 0.0300 0.48 0.27 4.58 113.0 10.0 292.5 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
18 5 9 129 19 -22.8 0.323 -9.000 -9.000 -999. 441. 132.9 0.0300 0.48 0.51 4.87 93.0 10.0 289.9 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 5 9 129 20 -23.3 0.237 -9.000 -9.000 -999. 280. 61.7 0.0300 0.48 1.00 3.64 91.0 10.0 287.0 2.0 0
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18 5 9 129 21 -16.9 0.173 -9.000 -9.000 -999. 174. 32.8 0.0340 0.48 1.00 2.64 146.0 10.0 285.4 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
18 5 9 129 22 -10.8 0.137 -9.000 -9.000 -999. 122. 21.6 0.0370 0.48 1.00 2.10 178.0 10.0 284.2 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
18 5 9 129 23 -4.0 0.083 -9.000 -9.000 -999. 58. 12.7 0.0310 0.48 1.00 1.33 323.0 10.0 284.9 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 5 9 129 24 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.48 1.00 1.21 322.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 5 10 130 1 -4.1 0.084 -9.000 -9.000 -999. 58. 12.8 0.0300 0.48 1.00 1.35 1.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 5 10 130 2 -5.7 0.098 -9.000 -9.000 -999. 74. 14.9 0.0310 0.48 1.00 1.59 317.0 10.0 283.1 2.0 0

0.00 92. 1010. 7 ADJ-A1 NoSubs
18 5 10 130 3 -4.4 0.086 -9.000 -9.000 -999. 60. 13.0 0.0310 0.48 1.00 1.38 320.0 10.0 282.0 2.0 0
0.00 95. 1010. 0 ADJ-A1 NoSubs
18 5 10 130 4 -2.8 0.070 -9.000 -9.000 -999. 45. 11.1 0.0250 0.48 1.00 1.11 295.0 10.0 280.9 2.0 0
0.00 95. 1010. 0 ADJ-A1 NoSubs
18 5 10 130 5 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0310 0.48 1.00 1.72 326.0 10.0 281.4 2.0 0
0.00 92. 1010. 7 ADJ-A1 NoSubs
18 5 10 130 6 -5.0 0.094 -9.000 -9.000 -999. 69. 15.1 0.0310 0.48 0.55 1.52 326.0 10.0 283.1 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 5 10 130 7 3.3 0.118 0.259 0.011 189. 97. -45.0 0.0300 0.48 0.28 1.57 1.0 10.0 284.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 10 130 8 14.7 0.113 0.524 0.020 352. 91. -8.8 0.0300 0.48 0.20 1.31 1.0 10.0 285.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 5 10 130 9 25.0 0.122 0.638 0.021 373. 103. -6.6 0.0250 0.48 0.17 1.43 296.0 10.0 287.0 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
18 5 10 130 10 135.0 0.182 1.208 0.022 471. 186. -4.0 0.0340 0.48 0.16 1.86 126.0 10.0 289.2 2.0 0
0.00 69. 1011. 5 ADJ-A1 NoSubs
18 5 10 130 11 160.9 0.319 1.336 0.022 535. 433. -18.2 0.0370 0.48 0.16 3.81 168.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 5 10 130 12 174.5 0.256 1.423 0.020 595. 312. -8.6 0.0370 0.48 0.16 2.83 162.0 10.0 289.9 2.0 0
0.00 69. 1010. 3 ADJ-A1 NoSubs
18 5 10 130 13 173.5 0.237 1.493 0.018 692. 277. -6.9 0.0370 0.48 0.16 2.56 158.0 10.0 292.0 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 5 10 130 14 163.5 0.298 1.484 0.016 721. 391. -14.6 0.0370 0.48 0.16 3.49 154.0 10.0 292.5 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 5 10 130 15 142.5 0.285 1.433 0.015 743. 365. -14.6 0.0340 0.48 0.16 3.39 149.0 10.0 292.5 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 5 10 130 16 111.6 0.304 1.332 0.014 761. 401. -22.5 0.0340 0.48 0.17 3.76 128.0 10.0 292.5 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 5 10 130 17 72.0 0.311 1.156 0.013 771. 417. -37.7 0.0300 0.48 0.19 4.10 110.0 10.0 290.9 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
18 5 10 130 18 26.6 0.301 0.831 0.013 774. 396. -91.9 0.0340 0.48 0.27 4.05 121.0 10.0 288.8 2.0 0
0.00 71. 1007. 0 ADJ-A1 NoSubs
18 5 10 130 19 -14.6 0.207 -9.000 -9.000 -999. 230. 54.6 0.0300 0.48 0.51 3.18 115.0 10.0 287.0 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 5 10 130 20 -21.4 0.216 -9.000 -9.000 -999. 242. 51.5 0.0270 0.48 1.00 3.40 68.0 10.0 285.4 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
18 5 10 130 21 -16.0 0.167 -9.000 -9.000 -999. 165. 30.8 0.0300 0.48 1.00 2.62 52.0 10.0 284.9 2.0 0
0.00 85. 1008. 0 ADJ-A1 NoSubs
18 5 10 130 22 -13.0 0.150 -9.000 -9.000 -999. 140. 24.9 0.0300 0.48 1.00 2.37 49.0 10.0 284.2 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 5 10 130 23 -4.4 0.086 -9.000 -9.000 -999. 62. 13.1 0.0300 0.48 1.00 1.40 18.0 10.0 283.8 2.0 0
0.00 89. 1008. 5 ADJ-A1 NoSubs
18 5 10 130 24 -9.5 0.128 -9.000 -9.000 -999. 110. 19.7 0.0300 0.48 1.00 2.04 59.0 10.0 284.2 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 5 11 131 1 -12.6 0.147 -9.000 -9.000 -999. 136. 23.9 0.0270 0.48 1.00 2.37 80.0 10.0 284.2 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 5 11 131 2 -14.0 0.156 -9.000 -9.000 -999. 147. 26.6 0.0270 0.48 1.00 2.49 65.0 10.0 284.2 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 5 11 131 3 -12.0 0.144 -9.000 -9.000 -999. 131. 22.9 0.0300 0.48 1.00 2.28 94.0 10.0 284.2 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 5 11 131 4 -16.5 0.170 -9.000 -9.000 -999. 168. 31.8 0.0300 0.48 1.00 2.66 102.0 10.0 284.2 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
18 5 11 131 5 -11.8 0.143 -9.000 -9.000 -999. 130. 22.4 0.0270 0.48 1.00 2.30 78.0 10.0 284.2 2.0 0

0.00 89. 1005. 10 ADJ-A1 NoSubs
18 5 11 131 6 -17.1 0.195 -9.000 -9.000 -999. 207. 41.8 0.0270 0.48 0.55 3.07 72.0 10.0 284.2 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
18 5 11 131 7 3.3 0.192 0.166 0.019 49. 202. -191.1 0.0270 0.48 0.28 2.76 85.0 10.0 284.2 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 5 11 131 8 14.8 0.160 0.381 0.016 134. 154. -24.9 0.0300 0.48 0.20 2.05 119.0 10.0 285.4 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
18 5 11 131 9 109.9 0.145 0.983 0.020 310. 133. -2.5 0.0300 0.48 0.17 1.43 113.0 10.0 287.5 2.0 0
0.00 74. 1005. 3 ADJ-A1 NoSubs
18 5 11 131 10 139.0 0.239 1.106 0.018 349. 281. -8.9 0.0340 0.48 0.16 2.71 213.0 10.0 289.2 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
18 5 11 131 11 161.5 0.296 1.255 0.016 439. 386. -14.3 0.0230 0.48 0.16 3.80 202.0 10.0 290.4 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
18 5 11 131 12 173.0 0.277 1.438 0.015 616. 350. -11.0 0.0230 0.48 0.16 3.47 198.0 10.0 291.4 2.0 0
0.00 67. 1004. 0 ADJ-A1 NoSubs
18 5 11 131 13 173.9 0.289 1.465 0.013 648. 372. -12.4 0.0370 0.48 0.16 3.32 176.0 10.0 292.5 2.0 0
0.00 60. 1004. 0 ADJ-A1 NoSubs
18 5 11 131 14 163.9 0.322 1.457 0.012 677. 439. -18.3 0.0370 0.48 0.16 3.85 166.0 10.0 292.5 2.0 0
0.00 62. 1003. 0 ADJ-A1 NoSubs
18 5 11 131 15 142.4 0.356 1.406 0.010 699. 509. -28.3 0.0370 0.48 0.16 4.41 157.0 10.0 290.9 2.0 0
0.00 69. 1003. 0 ADJ-A1 NoSubs
18 5 11 131 16 111.0 0.342 1.305 0.009 717. 479. -32.1 0.0370 0.48 0.17 4.27 150.0 10.0 288.8 2.0 0
0.00 74. 1002. 0 ADJ-A1 NoSubs
18 5 11 131 17 71.9 0.301 1.138 0.009 733. 398. -33.9 0.0370 0.48 0.19 3.78 152.0 10.0 288.8 2.0 0
0.00 71. 1002. 0 ADJ-A1 NoSubs
18 5 11 131 18 27.0 0.262 0.823 0.008 739. 323. -59.7 0.0340 0.48 0.27 3.46 136.0 10.0 288.1 2.0 0
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18 5 11 131 19 -15.0 0.217 -9.000 -9.000 -999. 243. 60.9 0.0340 0.48 0.50 3.25 128.0 10.0 286.4 2.0 0
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18 5 11 131 20 -17.1 0.175 -9.000 -9.000 -999. 176. 33.6 0.0340 0.48 1.00 2.67 120.0 10.0 285.4 2.0 0
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18 5 11 131 22 -7.4 0.112 -9.000 -9.000 -999. 90. 17.1 0.0300 0.48 1.00 1.81 100.0 10.0 283.8 2.0 0
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18 5 11 131 23 -9.4 0.127 -9.000 -9.000 -999. 109. 19.6 0.0300 0.48 1.00 2.03 99.0 10.0 283.8 2.0 0
0.00 92. 1004. 0 ADJ-A1 NoSubs
18 5 11 131 24 -3.3 0.076 -9.000 -9.000 -999. 51. 11.8 0.0300 0.48 1.00 1.20 14.0 10.0 284.2 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
18 5 12 132 1 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.48 1.00 1.23 328.0 10.0 284.2 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 5 12 132 2 -7.9 0.115 -9.000 -9.000 -999. 94. 17.4 0.0250 0.48 1.00 1.91 270.0 10.0 283.8 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 5 12 132 3 -13.1 0.150 -9.000 -9.000 -999. 140. 24.9 0.0280 0.48 1.00 2.40 254.0 10.0 283.8 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 5 12 132 4 -17.3 0.175 -9.000 -9.000 -999. 175. 33.6 0.0280 0.48 1.00 2.76 265.0 10.0 283.8 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
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18 5 12 132 6 -18.1 0.208 -9.000 -9.000 -999. 228. 47.8 0.0280 0.48 0.54 3.25 268.0 10.0 284.2 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 5 12 132 7 3.6 0.233 -9.000 -9.000 -999. 271. -319.5 0.0280 0.48 0.28 3.37 264.0 10.0 284.9 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
18 5 12 132 8 14.9 0.256 -9.000 -9.000 -999. 311. -101.3 0.0280 0.48 0.20 3.59 252.0 10.0 285.4 2.0 0

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18 5 12 132 9 24.9 0.280 -9.000 -9.000 -999. 355. -79.1 0.0280 0.48 0.17 3.88 255.0 10.0 285.4 2.0 0
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18 5 12 132 10 135.6 0.340 -9.000 -9.000 -999. 475. -25.9 0.0250 0.48 0.16 4.51 282.0 10.0 288.8 2.0 0
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18 5 12 132 11 38.7 0.426 -9.000 -9.000 -999. 666. -179.3 0.0280 0.48 0.16 6.07 263.0 10.0 287.0 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
18 5 12 132 12 41.5 0.384 -9.000 -9.000 -999. 572. -122.5 0.0280 0.48 0.16 5.41 257.0 10.0 287.0 2.0 0
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18 5 12 132 13 140.6 0.371 -9.000 -9.000 -999. 542. -32.6 0.0280 0.48 0.16 4.90 258.0 10.0 289.2 2.0 0
0.00 69. 1009. 7 ADJ-A1 NoSubs
18 5 12 132 14 157.9 0.394 -9.000 -9.000 -999. 592. -34.7 0.0280 0.48 0.16 5.22 258.0 10.0 289.2 2.0 0
0.00 69. 1009. 5 ADJ-A1 NoSubs
18 5 12 132 15 145.1 0.355 -9.000 -9.000 -999. 508. -27.6 0.0280 0.48 0.16 4.63 255.0 10.0 289.9 2.0 0
0.00 66. 1008. 3 ADJ-A1 NoSubs
18 5 12 132 16 111.6 0.371 -9.000 -9.000 -999. 542. -41.1 0.0280 0.48 0.17 4.97 252.0 10.0 289.2 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
18 5 12 132 17 62.1 0.331 -9.000 -9.000 -999. 457. -52.3 0.0280 0.48 0.19 4.49 247.0 10.0 288.1 2.0 0
0.00 71. 1008. 7 ADJ-A1 NoSubs
18 5 12 132 18 31.2 0.298 -9.000 -9.000 -999. 390. -75.9 0.0280 0.48 0.27 4.12 251.0 10.0 286.4 2.0 0
0.00 80. 1008. 3 ADJ-A1 NoSubs
18 5 12 132 19 -14.8 0.194 -9.000 -9.000 -999. 211. 44.4 0.0280 0.48 0.50 3.03 250.0 10.0 286.4 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
18 5 12 132 20 -16.6 0.170 -9.000 -9.000 -999. 169. 31.8 0.0280 0.48 1.00 2.69 257.0 10.0 285.9 2.0 0
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18 5 12 132 21 -15.6 0.165 -9.000 -9.000 -999. 160. 29.8 0.0280 0.48 1.00 2.61 249.0 10.0 285.9 2.0 0
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18 5 12 132 22 -15.5 0.166 -9.000 -9.000 -999. 162. 30.2 0.0340 0.48 1.00 2.54 237.0 10.0 285.9 2.0 0
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18 5 12 132 23 -19.2 0.194 -9.000 -9.000 -999. 206. 41.5 0.0340 0.48 1.00 2.95 219.0 10.0 285.4 2.0 0
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18 5 12 132 24 -20.4 0.206 -9.000 -9.000 -999. 225. 46.8 0.0340 0.48 1.00 3.12 239.0 10.0 285.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 5 13 133 1 -20.3 0.204 -9.000 -9.000 -999. 222. 46.0 0.0280 0.48 1.00 3.20 258.0 10.0 284.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 13 133 2 -17.0 0.171 -9.000 -9.000 -999. 170. 32.3 0.0250 0.48 1.00 2.76 276.0 10.0 285.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 5 13 133 3 -18.6 0.188 -9.000 -9.000 -999. 195. 38.7 0.0280 0.48 1.00 2.95 260.0 10.0 285.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 5 13 133 4 -15.6 0.165 -9.000 -9.000 -999. 160. 29.8 0.0280 0.48 1.00 2.61 247.0 10.0 285.1 2.0 0
0.00 87. 1010. 10 ADJ-A1 NoSubs
18 5 13 133 5 -13.0 0.151 -9.000 -9.000 -999. 141. 25.1 0.0340 0.48 1.00 2.33 238.0 10.0 284.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 13 133 6 -10.5 0.140 -9.000 -9.000 -999. 126. 23.5 0.0280 0.48 0.54 2.23 255.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 13 133 7 3.9 0.120 0.282 0.005 205. 99. -39.1 0.0280 0.48 0.28 1.60 248.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 5 13 133 8 15.3 0.176 0.538 0.009 367. 177. -32.0 0.0280 0.48 0.20 2.32 244.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 5 13 133 9 25.2 0.145 0.721 0.018 536. 132. -10.8 0.0280 0.48 0.17 1.74 264.0 10.0 286.4 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
18 5 13 133 10 33.4 0.173 0.866 0.023 701. 173. -14.0 0.0230 0.48 0.16 2.22 202.0 10.0 287.5 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
18 5 13 133 11 39.0 0.338 0.953 0.023 799. 471. -88.9 0.0340 0.48 0.16 4.54 237.0 10.0 288.1 2.0 0

0.00 68. 1012. 10 ADJ-A1 NoSubs
18 5 13 133 12 42.1 0.368 0.979 0.022 804. 536. -107.1 0.0340 0.48 0.16 4.99 235.0 10.0 289.2 2.0 0
0.00 66. 1012. 10 ADJ-A1 NoSubs
18 5 13 133 13 42.1 0.349 0.981 0.022 809. 496. -91.2 0.0280 0.48 0.16 4.87 248.0 10.0 288.8 2.0 0
0.00 68. 1012. 10 ADJ-A1 NoSubs
18 5 13 133 14 39.8 0.374 0.964 0.021 814. 548. -118.3 0.0280 0.48 0.16 5.26 246.0 10.0 289.2 2.0 0
0.00 66. 1012. 10 ADJ-A1 NoSubs
18 5 13 133 15 34.5 0.322 0.922 0.021 818. 440. -87.1 0.0280 0.48 0.16 4.48 252.0 10.0 289.2 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
18 5 13 133 16 26.8 0.290 0.849 0.021 821. 376. -82.1 0.0280 0.48 0.17 4.03 252.0 10.0 289.2 2.0 0
0.00 64. 1011. 10 ADJ-A1 NoSubs
18 5 13 133 17 74.0 0.304 1.193 0.020 829. 402. -34.3 0.0280 0.48 0.19 4.03 259.0 10.0 288.8 2.0 0
0.00 64. 1011. 5 ADJ-A1 NoSubs
18 5 13 133 18 31.9 0.323 0.903 0.020 832. 440. -95.0 0.0280 0.48 0.26 4.51 240.0 10.0 287.0 2.0 0
0.00 74. 1010. 3 ADJ-A1 NoSubs
18 5 13 133 19 -13.9 0.208 -9.000 -9.000 -999. 235. 58.3 0.0340 0.48 0.49 3.12 229.0 10.0 285.4 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 5 13 133 20 -7.3 0.111 -9.000 -9.000 -999. 93. 16.9 0.0280 0.48 1.00 1.81 254.0 10.0 285.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 5 13 133 21 -3.8 0.080 -9.000 -9.000 -999. 55. 12.4 0.0310 0.48 1.00 1.28 301.0 10.0 284.9 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 5 13 133 22 -7.1 0.110 -9.000 -9.000 -999. 87. 16.7 0.0310 0.48 1.00 1.76 319.0 10.0 283.8 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 5 13 133 23 -7.6 0.114 -9.000 -9.000 -999. 92. 17.4 0.0310 0.48 1.00 1.82 308.0 10.0 283.1 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 5 13 133 24 -8.4 0.120 -9.000 -9.000 -999. 99. 18.3 0.0310 0.48 1.00 1.91 315.0 10.0 282.5 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 5 14 134 1 -9.1 0.124 -9.000 -9.000 -999. 105. 19.1 0.0310 0.48 1.00 1.98 301.0 10.0 281.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 5 14 134 2 -11.1 0.138 -9.000 -9.000 -999. 123. 21.4 0.0310 0.48 1.00 2.18 315.0 10.0 281.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 5 14 134 3 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0310 0.48 1.00 1.57 305.0 10.0 282.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 5 14 134 4 -5.3 0.094 -9.000 -9.000 -999. 69. 14.3 0.0310 0.48 1.00 1.52 319.0 10.0 282.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 14 134 5 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0310 0.48 1.00 1.06 315.0 10.0 283.1 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 14 134 6 -2.1 0.064 -9.000 -9.000 -999. 39. 11.4 0.0310 0.48 0.53 0.96 311.0 10.0 283.8 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 14 134 7 3.7 0.085 0.317 0.005 304. 60. -14.9 0.0280 0.48 0.28 1.06 248.0 10.0 284.2 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 5 14 134 8 15.2 0.131 0.558 0.010 412. 114. -13.4 0.0340 0.48 0.20 1.55 212.0 10.0 285.4 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
18 5 14 134 9 25.2 0.161 0.689 0.017 466. 155. -14.9 0.0230 0.48 0.17 2.08 201.0 10.0 285.9 2.0 0
0.00 76. 1011. 10 ADJ-A1 NoSubs
18 5 14 134 10 33.4 0.195 0.789 0.022 530. 207. -20.2 0.0340 0.48 0.16 2.40 215.0 10.0 287.0 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
18 5 14 134 11 39.1 0.234 0.865 0.023 597. 272. -29.6 0.0340 0.48 0.16 2.96 224.0 10.0 288.1 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
18 5 14 134 12 42.1 0.298 0.917 0.024 661. 390. -56.6 0.0340 0.48 0.16 3.92 217.0 10.0 288.8 2.0 0
0.00 68. 1011. 10 ADJ-A1 NoSubs
18 5 14 134 13 176.4 0.331 1.611 0.024 856. 457. -18.6 0.0340 0.48 0.16 4.03 217.0 10.0 289.9 2.0 0
0.00 64. 1011. 3 ADJ-A1 NoSubs
18 5 14 134 14 164.0 0.386 1.584 0.023 875. 575. -31.6 0.0340 0.48 0.16 4.90 227.0 10.0 289.2 2.0 0

0.00 64. 1010. 0 ADJ-A1 NoSubs
18 5 14 134 15 143.1 0.423 1.520 0.022 886. 660. -47.6 0.0340 0.48 0.16 5.51 231.0 10.0 289.2 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 5 14 134 16 112.3 0.444 1.407 0.021 893. 709. -70.0 0.0340 0.48 0.17 5.90 235.0 10.0 288.8 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
18 5 14 134 17 73.1 0.422 1.222 0.020 898. 658. -92.4 0.0340 0.48 0.19 5.68 227.0 10.0 287.5 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
18 5 14 134 18 28.3 0.364 0.891 0.020 900. 529. -153.5 0.0340 0.48 0.26 4.99 231.0 10.0 286.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
18 5 14 134 19 -17.6 0.270 -9.000 -9.000 -999. 341. 100.0 0.0340 0.48 0.49 4.00 230.0 10.0 284.9 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 5 14 134 20 -9.1 0.125 -9.000 -9.000 -999. 123. 19.5 0.0340 0.48 1.00 1.96 225.0 10.0 284.2 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 5 14 134 21 -2.6 0.069 -9.000 -9.000 -999. 45. 11.2 0.0280 0.48 1.00 1.04 240.0 10.0 284.9 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
18 5 14 134 22 -1.9 0.063 -9.000 -9.000 -999. 38. 12.3 0.0370 0.48 1.00 0.79 177.0 10.0 284.2 2.0 0
0.00 86. 1011. 7 ADJ-A1 NoSubs
18 5 14 134 23 -3.8 0.080 -9.000 -9.000 -999. 55. 12.5 0.0340 0.48 1.00 1.26 212.0 10.0 283.8 2.0 0
0.00 89. 1011. 5 ADJ-A1 NoSubs
18 5 14 134 24 -6.0 0.100 -9.000 -9.000 -999. 75. 14.8 0.0230 0.48 1.00 1.69 199.0 10.0 284.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
18 5 15 135 1 -4.8 0.090 -9.000 -9.000 -999. 65. 13.8 0.0340 0.48 1.00 1.43 230.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 5 15 135 2 -6.4 0.104 -9.000 -9.000 -999. 80. 15.7 0.0280 0.48 1.00 1.70 245.0 10.0 284.9 2.0 0
0.00 85. 1010. 10 ADJ-A1 NoSubs
18 5 15 135 3 -6.9 0.108 -9.000 -9.000 -999. 85. 16.3 0.0280 0.48 1.00 1.76 253.0 10.0 284.9 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
18 5 15 135 4 -6.2 0.102 -9.000 -9.000 -999. 78. 15.4 0.0280 0.48 1.00 1.67 246.0 10.0 284.9 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
18 5 15 135 5 -8.3 0.120 -9.000 -9.000 -999. 99. 18.5 0.0340 0.48 1.00 1.88 218.0 10.0 284.2 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 5 15 135 6 -4.5 0.091 -9.000 -9.000 -999. 66. 15.2 0.0340 0.48 0.52 1.45 215.0 10.0 284.9 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
18 5 15 135 7 4.1 0.123 0.411 0.016 611. 103. -41.0 0.0280 0.48 0.28 1.65 248.0 10.0 285.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
18 5 15 135 8 15.4 0.105 0.650 0.019 642. 81. -6.7 0.0250 0.48 0.20 1.23 290.0 10.0 285.9 2.0 0
0.00 73. 1012. 10 ADJ-A1 NoSubs
18 5 15 135 9 25.4 0.153 0.786 0.023 689. 143. -12.6 0.0230 0.48 0.17 1.94 195.0 10.0 286.4 2.0 0
0.00 71. 1012. 10 ADJ-A1 NoSubs
18 5 15 135 10 33.9 0.182 0.888 0.024 748. 187. -16.1 0.0280 0.48 0.16 2.28 245.0 10.0 288.8 2.0 0
0.00 64. 1012. 10 ADJ-A1 NoSubs
18 5 15 135 11 39.6 0.260 0.958 0.024 802. 319. -40.2 0.0340 0.48 0.16 3.36 229.0 10.0 289.9 2.0 0
0.00 61. 1013. 10 ADJ-A1 NoSubs
18 5 15 135 12 141.2 0.309 1.571 0.025 993. 411. -18.8 0.0340 0.48 0.16 3.76 232.0 10.0 290.4 2.0 0
0.00 57. 1012. 7 ADJ-A1 NoSubs
18 5 15 135 13 174.7 0.393 1.700 0.023 1017. 591. -31.4 0.0340 0.48 0.16 4.99 231.0 10.0 290.9 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
18 5 15 135 14 164.7 0.397 1.674 0.022 1030. 600. -34.3 0.0340 0.48 0.16 5.07 233.0 10.0 290.9 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
18 5 15 135 15 143.6 0.445 1.605 0.021 1040. 712. -55.4 0.0340 0.48 0.16 5.85 229.0 10.0 289.9 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
18 5 15 135 16 112.7 0.442 1.484 0.020 1047. 705. -68.9 0.0340 0.48 0.17 5.87 228.0 10.0 288.8 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
18 5 15 135 17 73.7 0.406 1.290 0.020 1052. 622. -81.9 0.0340 0.48 0.19 5.44 225.0 10.0 288.1 2.0 0

0.00 68. 1012. 0 ADJ-A1 NoSubs
18 5 15 135 18 33.1 0.324 0.988 0.019 1054. 446. -92.5 0.0340 0.48 0.26 4.36 219.0 10.0 287.5 2.0 0
0.00 77. 1012. 3 ADJ-A1 NoSubs
18 5 15 135 19 -13.7 0.262 -9.000 -9.000 -999. 324. 118.5 0.0340 0.48 0.48 3.88 232.0 10.0 285.4 2.0 0
0.00 82. 1012. 3 ADJ-A1 NoSubs
18 5 15 135 20 -16.9 0.173 -9.000 -9.000 -999. 176. 32.8 0.0340 0.48 1.00 2.64 239.0 10.0 285.9 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
18 5 15 135 21 -20.1 0.203 -9.000 -9.000 -999. 219. 45.2 0.0340 0.48 1.00 3.07 235.0 10.0 285.4 2.0 0
0.00 86. 1013. 7 ADJ-A1 NoSubs
18 5 15 135 22 -17.9 0.180 -9.000 -9.000 -999. 183. 35.5 0.0340 0.48 1.00 2.74 239.0 10.0 284.2 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 5 15 135 23 -7.4 0.111 -9.000 -9.000 -999. 90. 16.9 0.0280 0.48 1.00 1.82 269.0 10.0 284.2 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 5 15 135 24 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0310 0.48 1.00 1.81 317.0 10.0 283.1 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 5 16 136 1 -9.4 0.126 -9.000 -9.000 -999. 108. 19.5 0.0310 0.48 1.00 2.01 306.0 10.0 282.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 5 16 136 2 -6.2 0.102 -9.000 -9.000 -999. 79. 15.5 0.0310 0.48 1.00 1.65 315.0 10.0 281.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 16 136 3 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0310 0.48 1.00 1.57 313.0 10.0 280.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 16 136 4 -4.7 0.089 -9.000 -9.000 -999. 63. 13.4 0.0310 0.48 1.00 1.43 318.0 10.0 280.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 16 136 5 -8.3 0.118 -9.000 -9.000 -999. 98. 18.0 0.0310 0.48 1.00 1.89 311.0 10.0 279.9 2.0 0
0.00 95. 1012. 0 ADJ-A1 NoSubs
18 5 16 136 6 -6.4 0.117 -9.000 -9.000 -999. 96. 22.8 0.0310 0.48 0.52 1.84 311.0 10.0 280.9 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
18 5 16 136 7 24.3 0.094 0.712 0.005 538. 69. -3.1 0.0300 0.48 0.27 0.96 8.0 10.0 284.2 2.0 0
0.00 89. 1013. 7 ADJ-A1 NoSubs
18 5 16 136 8 72.7 0.117 1.117 0.005 694. 96. -2.0 0.0340 0.48 0.19 1.08 124.0 10.0 286.4 2.0 0
0.00 80. 1013. 3 ADJ-A1 NoSubs
18 5 16 136 9 107.7 0.171 1.324 0.005 779. 169. -4.2 0.0230 0.48 0.17 1.92 183.0 10.0 288.8 2.0 0
0.00 68. 1013. 5 ADJ-A1 NoSubs
18 5 16 136 10 141.3 0.296 1.535 0.005 927. 386. -16.5 0.0230 0.48 0.16 3.85 208.0 10.0 290.9 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
18 5 16 136 11 165.7 0.395 1.702 0.009 1077. 596. -33.7 0.0340 0.48 0.16 5.04 234.0 10.0 290.9 2.0 0
0.00 59. 1014. 3 ADJ-A1 NoSubs
18 5 16 136 12 176.8 0.412 1.812 0.013 1218. 635. -35.8 0.0340 0.48 0.16 5.28 230.0 10.0 291.4 2.0 0
0.00 57. 1014. 3 ADJ-A1 NoSubs
18 5 16 136 13 169.0 0.458 1.842 0.013 1338. 743. -51.3 0.0340 0.48 0.16 5.99 235.0 10.0 291.4 2.0 0
0.00 60. 1013. 5 ADJ-A1 NoSubs
18 5 16 136 14 159.3 0.449 1.850 0.014 1439. 722. -51.2 0.0340 0.48 0.16 5.87 239.0 10.0 289.9 2.0 0
0.00 66. 1013. 5 ADJ-A1 NoSubs
18 5 16 136 15 144.1 0.435 1.803 0.013 1474. 688. -51.5 0.0280 0.48 0.16 5.90 240.0 10.0 290.4 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
18 5 16 136 16 113.5 0.455 1.670 0.013 1486. 736. -74.9 0.0340 0.48 0.17 6.07 236.0 10.0 290.4 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
18 5 16 136 17 74.6 0.430 1.455 0.012 1491. 678. -96.2 0.0340 0.48 0.19 5.80 235.0 10.0 289.9 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
18 5 16 136 18 34.1 0.319 1.121 0.012 1493. 441. -86.1 0.0280 0.48 0.26 4.44 240.0 10.0 289.2 2.0 0
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18 5 16 136 19 -5.6 0.164 -9.000 -9.000 -999. 179. 71.5 0.0280 0.48 0.48 2.54 246.0 10.0 288.1 2.0 0
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0.00 71. 1012. 5 ADJ-A1 NoSubs
18 5 16 136 21 -11.9 0.143 -9.000 -9.000 -999. 129. 22.4 0.0270 0.48 1.00 2.30 63.0 10.0 285.9 2.0 0
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18 5 16 136 22 -8.2 0.118 -9.000 -9.000 -999. 97. 18.0 0.0270 0.48 1.00 1.93 68.0 10.0 285.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
18 5 16 136 23 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0360 0.48 1.00 1.38 341.0 10.0 283.8 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 5 16 136 24 -11.3 0.139 -9.000 -9.000 -999. 125. 21.7 0.0310 0.48 1.00 2.20 302.0 10.0 283.1 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 5 17 137 1 -8.4 0.120 -9.000 -9.000 -999. 99. 18.3 0.0310 0.48 1.00 1.91 316.0 10.0 282.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 17 137 2 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0310 0.48 1.00 1.54 326.0 10.0 281.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 17 137 3 -9.9 0.130 -9.000 -9.000 -999. 112. 20.0 0.0310 0.48 1.00 2.06 310.0 10.0 281.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 5 17 137 4 -12.4 0.146 -9.000 -9.000 -999. 134. 23.6 0.0310 0.48 1.00 2.30 301.0 10.0 281.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 17 137 5 -8.6 0.121 -9.000 -9.000 -999. 101. 18.5 0.0310 0.48 1.00 1.93 316.0 10.0 280.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 17 137 6 -7.2 0.120 -9.000 -9.000 -999. 99. 21.3 0.0310 0.48 0.51 1.89 312.0 10.0 281.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 5 17 137 7 24.5 0.094 0.627 0.007 362. 69. -3.1 0.0300 0.48 0.27 0.96 37.0 10.0 284.9 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
18 5 17 137 8 69.7 0.112 0.939 0.006 428. 90. -1.8 0.0340 0.48 0.19 1.01 137.0 10.0 287.0 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
18 5 17 137 9 108.1 0.186 1.155 0.005 515. 192. -5.4 0.0340 0.48 0.17 1.98 144.0 10.0 289.2 2.0 0
0.00 69. 1012. 5 ADJ-A1 NoSubs
18 5 17 137 10 137.8 0.238 1.432 0.009 769. 278. -8.8 0.0370 0.48 0.16 2.64 178.0 10.0 290.9 2.0 0
0.00 67. 1011. 5 ADJ-A1 NoSubs
18 5 17 137 11 163.6 0.290 1.568 0.010 851. 375. -13.5 0.0230 0.48 0.16 3.71 194.0 10.0 290.9 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
18 5 17 137 12 175.1 0.298 1.684 0.014 986. 390. -13.6 0.0230 0.48 0.16 3.81 209.0 10.0 292.0 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 5 17 137 13 175.6 0.408 1.750 0.015 1102. 624. -34.8 0.0340 0.48 0.16 5.21 212.0 10.0 292.0 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 5 17 137 14 165.8 0.391 1.748 0.014 1164. 587. -32.4 0.0340 0.48 0.16 4.97 216.0 10.0 292.5 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 5 17 137 15 144.7 0.388 1.694 0.013 1213. 580. -36.3 0.0340 0.48 0.16 4.97 213.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 5 17 137 16 114.4 0.244 1.579 0.013 1243. 303. -11.4 0.0370 0.48 0.17 2.78 179.0 10.0 292.0 2.0 0
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18 5 17 137 17 75.5 0.239 1.380 0.012 1255. 281. -16.3 0.0340 0.48 0.19 2.88 127.0 10.0 291.4 2.0 0
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18 5 17 137 18 30.5 0.322 1.021 0.012 1258. 438. -98.3 0.0270 0.48 0.26 4.53 88.0 10.0 289.2 2.0 0
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0.00 89. 1010. 10 ADJ-A1 NoSubs
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0.00 86. 1010. 10 ADJ-A1 NoSubs
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0.00 86. 1010. 10 ADJ-A1 NoSubs
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0.00 80. 1011. 10 ADJ-A1 NoSubs
18 5 18 138 10 33.8 0.191 0.772 0.016 491. 201. -18.7 0.0340 0.48 0.16 2.33 214.0 10.0 287.5 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
18 5 18 138 11 39.6 0.178 0.853 0.018 565. 181. -12.9 0.0370 0.48 0.16 2.06 157.0 10.0 288.8 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
18 5 18 138 12 141.9 0.233 1.446 0.020 769. 270. -8.0 0.0230 0.48 0.16 2.83 193.0 10.0 290.4 2.0 0
0.00 69. 1010. 7 ADJ-A1 NoSubs
18 5 18 138 13 177.8 0.317 1.573 0.018 790. 429. -16.2 0.0230 0.48 0.16 4.12 207.0 10.0 290.9 2.0 0
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18 5 18 138 14 165.7 0.378 1.545 0.017 802. 558. -29.4 0.0340 0.48 0.16 4.78 211.0 10.0 290.9 2.0 0
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18 5 18 138 15 144.7 0.399 1.483 0.015 813. 604. -39.5 0.0340 0.48 0.16 5.14 223.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 5 18 138 16 114.4 0.254 1.377 0.014 821. 322. -12.9 0.0230 0.48 0.17 3.24 197.0 10.0 290.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 5 18 138 17 75.4 0.267 1.200 0.014 826. 331. -22.7 0.0300 0.48 0.19 3.39 115.0 10.0 289.2 2.0 0
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18 5 18 138 20 -21.7 0.219 -9.000 -9.000 -999. 247. 52.8 0.0270 0.48 1.00 3.44 62.0 10.0 285.4 2.0 0
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18 5 18 138 22 -9.3 0.126 -9.000 -9.000 -999. 108. 19.3 0.0270 0.48 1.00 2.05 62.0 10.0 285.4 2.0 0
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18 5 18 138 23 -3.2 0.075 -9.000 -9.000 -999. 50. 11.8 0.0300 0.48 1.00 1.18 22.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 18 138 24 -2.4 0.067 -9.000 -9.000 -999. 42. 11.2 0.0270 0.48 1.00 1.01 62.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 19 139 1 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0250 0.48 1.00 1.28 287.0 10.0 285.4 2.0 0
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18 5 19 139 2 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0340 0.48 1.00 1.38 225.0 10.0 285.4 2.0 0

0.00 89. 1009. 10 ADJ-A1 NoSubs
18 5 19 139 3 -3.8 0.081 -9.000 -9.000 -999. 56. 12.7 0.0340 0.48 1.00 1.28 234.0 10.0 285.4 2.0 0
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18 5 19 139 4 -9.4 0.127 -9.000 -9.000 -999. 109. 19.8 0.0340 0.48 1.00 1.99 140.0 10.0 284.9 2.0 0
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0.00 100. 1009. 10 ADJ-A1 NoSubs
18 5 19 139 6 -11.0 0.145 -9.000 -9.000 -999. 132. 24.8 0.0230 0.48 0.51 2.37 187.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 5 19 139 7 4.5 0.168 0.321 0.015 267. 166. -95.8 0.0340 0.48 0.27 2.27 133.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 5 19 139 8 15.8 0.196 0.586 0.026 456. 209. -43.1 0.0270 0.48 0.19 2.66 78.0 10.0 285.9 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 5 19 139 9 25.9 0.170 0.765 0.028 621. 168. -17.0 0.0270 0.48 0.17 2.15 85.0 10.0 287.0 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
18 5 19 139 10 33.9 0.217 0.839 0.028 629. 242. -27.0 0.0230 0.48 0.16 2.93 197.0 10.0 287.5 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
18 5 19 139 11 39.8 0.258 0.890 0.028 638. 314. -38.8 0.0230 0.48 0.16 3.57 208.0 10.0 289.2 2.0 0
0.00 71. 1010. 10 ADJ-A1 NoSubs
18 5 19 139 12 42.7 0.274 0.915 0.027 647. 343. -43.2 0.0230 0.48 0.16 3.81 189.0 10.0 289.9 2.0 0
0.00 69. 1010. 10 ADJ-A1 NoSubs
18 5 19 139 13 178.1 0.335 1.498 0.025 681. 466. -19.1 0.0370 0.48 0.16 4.02 176.0 10.0 290.9 2.0 0
0.00 64. 1010. 3 ADJ-A1 NoSubs
18 5 19 139 14 166.0 0.310 1.476 0.024 698. 415. -16.1 0.0370 0.48 0.16 3.66 176.0 10.0 290.9 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 5 19 139 15 145.4 0.275 1.422 0.022 712. 346. -12.8 0.0370 0.48 0.16 3.17 178.0 10.0 291.4 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 5 19 139 16 115.0 0.262 1.322 0.021 723. 322. -14.0 0.0370 0.48 0.17 3.05 158.0 10.0 291.4 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 5 19 139 17 76.3 0.278 1.157 0.020 730. 352. -25.3 0.0300 0.48 0.19 3.56 118.0 10.0 290.9 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 5 19 139 18 31.7 0.292 0.865 0.020 733. 378. -70.4 0.0270 0.48 0.26 4.05 89.0 10.0 289.9 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
18 5 19 139 19 -15.9 0.289 -9.000 -9.000 -999. 374. 137.1 0.0270 0.48 0.46 4.44 67.0 10.0 287.0 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 5 19 139 20 -27.2 0.274 -9.000 -9.000 -999. 345. 82.9 0.0270 0.48 1.00 4.27 79.0 10.0 285.4 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
18 5 19 139 21 -19.9 0.200 -9.000 -9.000 -999. 217. 44.1 0.0300 0.48 1.00 3.10 55.0 10.0 284.9 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 5 19 139 22 -18.1 0.182 -9.000 -9.000 -999. 186. 36.3 0.0300 0.48 1.00 2.83 57.0 10.0 284.2 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 5 19 139 23 -6.8 0.108 -9.000 -9.000 -999. 86. 16.4 0.0300 0.48 1.00 1.74 27.0 10.0 284.2 2.0 0
0.00 86. 1010. 7 ADJ-A1 NoSubs
18 5 19 139 24 -5.3 0.095 -9.000 -9.000 -999. 70. 14.4 0.0310 0.48 1.00 1.53 319.0 10.0 284.9 2.0 0
0.00 85. 1010. 10 ADJ-A1 NoSubs
18 5 20 140 1 -3.2 0.074 -9.000 -9.000 -999. 49. 11.5 0.0250 0.48 1.00 1.21 280.0 10.0 284.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 20 140 2 -8.1 0.117 -9.000 -9.000 -999. 97. 17.9 0.0280 0.48 1.00 1.91 253.0 10.0 284.2 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
18 5 20 140 3 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0280 0.48 1.00 1.57 247.0 10.0 284.2 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
18 5 20 140 4 -4.2 0.084 -9.000 -9.000 -999. 58. 12.6 0.0250 0.48 1.00 1.40 272.0 10.0 284.2 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
18 5 20 140 5 -3.3 0.076 -9.000 -9.000 -999. 50. 11.7 0.0280 0.48 1.00 1.21 269.0 10.0 284.2 2.0 0

0.00 82. 1010. 10 ADJ-A1 NoSubs
18 5 20 140 6 -4.0 0.086 -9.000 -9.000 -999. 61. 14.6 0.0280 0.48 0.50 1.42 262.0 10.0 284.9 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
18 5 20 140 7 4.8 0.113 0.364 0.008 360. 91. -26.8 0.0250 0.48 0.27 1.50 283.0 10.0 285.9 2.0 0
0.00 73. 1010. 10 ADJ-A1 NoSubs
18 5 20 140 8 16.0 0.177 0.582 0.011 442. 178. -31.1 0.0280 0.48 0.19 2.33 247.0 10.0 286.4 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
18 5 20 140 9 26.3 0.142 0.711 0.012 494. 129. -9.9 0.0250 0.48 0.17 1.74 285.0 10.0 288.1 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
18 5 20 140 10 34.1 0.262 0.806 0.013 554. 321. -47.3 0.0340 0.48 0.16 3.41 214.0 10.0 288.1 2.0 0
0.00 68. 1011. 10 ADJ-A1 NoSubs
18 5 20 140 11 40.0 0.352 0.882 0.015 618. 501. -98.1 0.0340 0.48 0.16 4.75 216.0 10.0 289.9 2.0 0
0.00 61. 1011. 10 ADJ-A1 NoSubs
18 5 20 140 12 175.4 0.392 1.554 0.022 772. 589. -30.9 0.0340 0.48 0.16 4.97 210.0 10.0 290.4 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 5 20 140 13 176.1 0.427 1.578 0.021 805. 670. -39.9 0.0340 0.48 0.16 5.51 213.0 10.0 290.9 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
18 5 20 140 14 166.4 0.400 1.569 0.019 836. 608. -34.6 0.0340 0.48 0.16 5.11 218.0 10.0 291.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 5 20 140 15 145.1 0.385 1.521 0.018 874. 574. -35.4 0.0340 0.48 0.16 4.93 228.0 10.0 289.2 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 5 20 140 16 114.9 0.356 1.424 0.017 904. 511. -35.4 0.0340 0.48 0.17 4.56 228.0 10.0 289.9 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
18 5 20 140 17 76.1 0.327 1.250 0.017 923. 450. -41.4 0.0280 0.48 0.19 4.39 250.0 10.0 288.8 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
18 5 20 140 18 31.9 0.269 0.939 0.017 933. 336. -54.7 0.0280 0.48 0.25 3.66 248.0 10.0 288.8 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
18 5 20 140 19 -10.2 0.189 -9.000 -9.000 -999. 200. 59.6 0.0280 0.48 0.46 2.93 249.0 10.0 285.9 2.0 0
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18 5 20 140 20 -11.0 0.138 -9.000 -9.000 -999. 123. 21.3 0.0280 0.48 1.00 2.21 246.0 10.0 284.9 2.0 0
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18 5 20 140 21 -7.7 0.114 -9.000 -9.000 -999. 92. 17.2 0.0250 0.48 1.00 1.89 284.0 10.0 284.2 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
18 5 20 140 22 -3.8 0.080 -9.000 -9.000 -999. 55. 12.1 0.0250 0.48 1.00 1.33 291.0 10.0 283.1 2.0 0
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18 5 20 140 23 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0310 0.48 1.00 1.52 309.0 10.0 283.8 2.0 0
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18 5 20 140 24 -6.3 0.104 -9.000 -9.000 -999. 80. 15.8 0.0310 0.48 1.00 1.67 316.0 10.0 284.2 2.0 0
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18 5 21 141 1 -14.1 0.157 -9.000 -9.000 -999. 149. 27.0 0.0280 0.48 1.00 2.49 251.0 10.0 284.9 2.0 0
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18 5 21 141 3 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0340 0.48 1.00 1.71 227.0 10.0 284.2 2.0 0
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0.00 86. 1006. 10 ADJ-A1 NoSubs
18 5 21 141 5 -2.8 0.071 -9.000 -9.000 -999. 45. 11.5 0.0310 0.48 1.00 1.08 301.0 10.0 284.2 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 5 21 141 6 -1.9 0.062 -9.000 -9.000 -999. 37. 11.5 0.0310 0.48 0.50 0.94 318.0 10.0 284.9 2.0 0
0.00 82. 1006. 10 ADJ-A1 NoSubs
18 5 21 141 7 4.7 0.090 0.385 0.017 437. 64. -13.8 0.0300 0.48 0.27 1.09 46.0 10.0 284.9 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
18 5 21 141 8 15.9 0.148 0.586 0.017 452. 137. -18.4 0.0270 0.48 0.19 1.89 73.0 10.0 285.4 2.0 0

0.00 82. 1007. 10 ADJ-A1 NoSubs
18 5 21 141 9 25.7 0.237 0.699 0.018 476. 276. -46.2 0.0340 0.48 0.17 3.08 127.0 10.0 285.4 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
18 5 21 141 10 33.7 0.195 0.780 0.018 505. 206. -19.6 0.0340 0.48 0.16 2.38 148.0 10.0 285.9 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
18 5 21 141 11 39.5 0.186 0.839 0.019 538. 192. -14.5 0.0340 0.48 0.16 2.21 132.0 10.0 287.5 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
18 5 21 141 12 42.3 0.259 0.872 0.019 563. 316. -36.7 0.0230 0.48 0.16 3.57 190.0 10.0 287.5 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
18 5 21 141 13 42.8 0.281 0.880 0.018 570. 357. -46.5 0.0230 0.48 0.16 3.93 194.0 10.0 289.2 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
18 5 21 141 14 135.0 0.298 1.306 0.017 592. 390. -17.6 0.0230 0.48 0.16 3.90 185.0 10.0 289.2 2.0 0
0.00 69. 1006. 7 ADJ-A1 NoSubs
18 5 21 141 15 141.5 0.315 1.345 0.015 617. 425. -19.9 0.0340 0.48 0.16 3.86 147.0 10.0 289.9 2.0 0
0.00 69. 1006. 5 ADJ-A1 NoSubs
18 5 21 141 16 115.3 0.321 1.279 0.014 652. 437. -25.8 0.0300 0.48 0.17 4.12 111.0 10.0 289.9 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
18 5 21 141 17 76.6 0.320 1.137 0.013 689. 435. -38.4 0.0300 0.48 0.19 4.22 109.0 10.0 288.8 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
18 5 21 141 18 32.0 0.350 0.858 0.013 708. 497. -120.0 0.0300 0.48 0.25 4.87 102.0 10.0 287.0 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
18 5 21 141 19 -14.3 0.273 -9.000 -9.000 -999. 345. 127.8 0.0300 0.48 0.46 4.12 92.0 10.0 285.4 2.0 0
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18 5 21 141 22 -13.7 0.154 -9.000 -9.000 -999. 146. 26.2 0.0270 0.48 1.00 2.47 68.0 10.0 284.9 2.0 0
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18 5 21 141 23 -10.1 0.131 -9.000 -9.000 -999. 114. 20.2 0.0270 0.48 1.00 2.13 78.0 10.0 284.9 2.0 0
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18 5 21 141 24 -5.4 0.095 -9.000 -9.000 -999. 70. 14.3 0.0270 0.48 1.00 1.57 87.0 10.0 284.9 2.0 0
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0.00 92. 1006. 10 ADJ-A1 NoSubs
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0.00 89. 1007. 10 ADJ-A1 NoSubs
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0.00 92. 1007. 10 ADJ-A1 NoSubs
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0.00 92. 1007. 10 ADJ-A1 NoSubs
18 5 22 142 5 -8.6 0.122 -9.000 -9.000 -999. 102. 18.9 0.0340 0.48 1.00 1.91 237.0 10.0 283.8 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 5 22 142 6 -6.9 0.116 -9.000 -9.000 -999. 95. 20.4 0.0340 0.48 0.49 1.81 219.0 10.0 284.2 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 5 22 142 7 4.8 0.131 0.331 0.005 273. 113. -41.8 0.0340 0.48 0.27 1.69 218.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 5 22 142 8 16.0 0.175 0.523 0.008 321. 176. -30.2 0.0340 0.48 0.19 2.22 211.0 10.0 285.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 5 22 142 9 25.9 0.170 0.653 0.013 387. 169. -17.1 0.0340 0.48 0.17 2.06 221.0 10.0 285.9 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 5 22 142 10 33.8 0.196 0.756 0.015 459. 208. -19.9 0.0230 0.48 0.16 2.59 190.0 10.0 286.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
18 5 22 142 11 39.4 0.253 0.835 0.017 531. 306. -37.0 0.0340 0.48 0.16 3.25 210.0 10.0 287.0 2.0 0

0.00 77. 1008. 10 ADJ-A1 NoSubs
18 5 22 142 12 42.2 0.262 0.889 0.019 598. 322. -38.4 0.0230 0.48 0.16 3.63 209.0 10.0 287.0 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
18 5 22 142 13 42.5 0.332 0.920 0.020 659. 459. -77.6 0.0340 0.48 0.16 4.44 217.0 10.0 287.5 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
18 5 22 142 14 39.9 0.363 0.925 0.022 711. 525. -107.8 0.0340 0.48 0.16 4.92 220.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
18 5 22 142 15 34.8 0.355 0.897 0.022 747. 509. -116.1 0.0340 0.48 0.16 4.83 231.0 10.0 287.0 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
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0.00 86. 1007. 10 ADJ-A1 NoSubs
18 5 22 142 17 17.5 0.371 0.718 0.022 761. 543. -263.0 0.0340 0.48 0.19 5.16 215.0 10.0 286.4 2.0 0
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18 5 22 142 18 6.2 0.303 0.510 0.022 763. 402. -399.1 0.0230 0.48 0.25 4.53 204.0 10.0 285.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 5 22 142 19 -15.8 0.240 -9.000 -9.000 -999. 284. 78.9 0.0230 0.48 0.45 3.83 185.0 10.0 284.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 5 22 142 20 -21.3 0.215 -9.000 -9.000 -999. 240. 50.9 0.0370 0.48 1.00 3.20 171.0 10.0 284.9 2.0 0
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18 5 22 142 21 -21.2 0.214 -9.000 -9.000 -999. 237. 50.3 0.0340 0.48 1.00 3.23 140.0 10.0 284.9 2.0 0
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18 5 22 142 22 -19.1 0.193 -9.000 -9.000 -999. 203. 40.9 0.0340 0.48 1.00 2.93 136.0 10.0 284.2 2.0 0
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18 5 22 142 23 -13.2 0.152 -9.000 -9.000 -999. 142. 25.3 0.0300 0.48 1.00 2.39 104.0 10.0 284.2 2.0 0
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18 5 23 143 1 -9.9 0.130 -9.000 -9.000 -999. 113. 20.2 0.0300 0.48 1.00 2.08 50.0 10.0 284.2 2.0 11
0.30 100. 1008. 10 ADJ-A1 NoSubs
18 5 23 143 2 -9.0 0.124 -9.000 -9.000 -999. 105. 19.1 0.0300 0.48 1.00 1.99 31.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 5 23 143 3 -2.9 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.48 1.00 1.08 345.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 5 23 143 4 -3.4 0.077 -9.000 -9.000 -999. 51. 11.8 0.0280 0.48 1.00 1.23 252.0 10.0 284.2 2.0 0
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18 5 23 143 5 -9.1 0.125 -9.000 -9.000 -999. 106. 19.5 0.0340 0.48 1.00 1.96 218.0 10.0 284.2 2.0 0
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18 5 23 143 6 -2.3 0.067 -9.000 -9.000 -999. 43. 12.1 0.0340 0.48 0.49 1.04 218.0 10.0 284.2 2.0 11
0.30 100. 1008. 10 ADJ-A1 NoSubs
18 5 23 143 7 5.0 0.162 0.286 0.005 169. 157. -77.4 0.0230 0.48 0.27 2.33 195.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
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0.00 96. 1009. 10 ADJ-A1 NoSubs
18 5 23 143 9 25.9 0.222 0.682 0.005 442. 251. -38.0 0.0230 0.48 0.17 3.07 198.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 5 23 143 10 33.8 0.260 0.786 0.011 516. 319. -46.9 0.0340 0.48 0.16 3.39 213.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 5 23 143 11 39.5 0.299 0.866 0.015 592. 392. -61.0 0.0340 0.48 0.16 3.95 210.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 5 23 143 12 42.7 0.324 0.924 0.016 666. 443. -72.0 0.0340 0.48 0.16 4.32 215.0 10.0 288.8 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
18 5 23 143 13 43.1 0.324 0.957 0.017 733. 444. -71.4 0.0340 0.48 0.16 4.32 217.0 10.0 289.9 2.0 0
0.00 69. 1010. 10 ADJ-A1 NoSubs
18 5 23 143 14 161.2 0.362 1.594 0.021 906. 523. -26.5 0.0340 0.48 0.16 4.54 228.0 10.0 289.9 2.0 0

0.00 66. 1010. 5 ADJ-A1 NoSubs
18 5 23 143 15 146.3 0.368 1.564 0.020 943. 535. -30.6 0.0340 0.48 0.16 4.66 236.0 10.0 290.4 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 5 23 143 16 115.8 0.401 1.460 0.020 969. 609. -50.1 0.0340 0.48 0.17 5.24 234.0 10.0 289.2 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
18 5 23 143 17 77.3 0.440 1.279 0.019 976. 700. -99.1 0.0340 0.48 0.19 5.94 233.0 10.0 288.1 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
18 5 23 143 18 33.0 0.358 0.964 0.019 978. 519. -125.3 0.0340 0.48 0.25 4.88 233.0 10.0 287.0 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
18 5 23 143 19 -11.7 0.241 -9.000 -9.000 -999. 292. 107.1 0.0340 0.48 0.45 3.57 227.0 10.0 285.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 5 23 143 20 -7.3 0.112 -9.000 -9.000 -999. 103. 17.3 0.0340 0.48 1.00 1.77 212.0 10.0 284.2 2.0 0
0.00 92. 1010. 3 ADJ-A1 NoSubs
18 5 23 143 21 -12.7 0.149 -9.000 -9.000 -999. 138. 24.5 0.0370 0.48 1.00 2.27 175.0 10.0 283.8 2.0 0
0.00 92. 1011. 5 ADJ-A1 NoSubs
18 5 23 143 22 -8.3 0.120 -9.000 -9.000 -999. 100. 18.7 0.0370 0.48 1.00 1.86 174.0 10.0 284.2 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
18 5 23 143 23 -10.5 0.136 -9.000 -9.000 -999. 120. 21.4 0.0370 0.48 1.00 2.08 178.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 5 23 143 24 -12.0 0.145 -9.000 -9.000 -999. 132. 23.1 0.0370 0.48 1.00 2.21 167.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 5 24 144 1 -6.1 0.102 -9.000 -9.000 -999. 79. 15.8 0.0370 0.48 1.00 1.60 151.0 10.0 284.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
18 5 24 144 2 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.48 1.00 1.76 181.0 10.0 284.9 2.0 0
0.00 85. 1010. 10 ADJ-A1 NoSubs
18 5 24 144 3 -3.1 0.075 -9.000 -9.000 -999. 49. 11.9 0.0340 0.48 1.00 1.14 221.0 10.0 285.4 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
18 5 24 144 4 -2.6 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.48 1.00 1.08 188.0 10.0 284.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
18 5 24 144 5 -8.0 0.117 -9.000 -9.000 -999. 96. 18.1 0.0340 0.48 1.00 1.84 143.0 10.0 284.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
18 5 24 144 6 -10.5 0.145 -9.000 -9.000 -999. 132. 26.1 0.0300 0.48 0.49 2.27 104.0 10.0 284.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
18 5 24 144 7 5.0 0.206 0.387 0.009 421. 224. -158.2 0.0370 0.48 0.26 2.78 174.0 10.0 284.9 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 5 24 144 8 16.2 0.228 0.590 0.011 458. 261. -66.4 0.0230 0.48 0.19 3.25 202.0 10.0 285.4 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
18 5 24 144 9 26.2 0.171 0.719 0.010 513. 170. -17.1 0.0230 0.48 0.17 2.23 209.0 10.0 286.4 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
18 5 24 144 10 34.2 0.224 0.818 0.010 578. 254. -29.7 0.0230 0.48 0.16 3.05 203.0 10.0 287.5 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
18 5 24 144 11 39.8 0.264 0.892 0.013 645. 325. -41.6 0.0340 0.48 0.16 3.41 214.0 10.0 288.1 2.0 0
0.00 68. 1013. 10 ADJ-A1 NoSubs
18 5 24 144 12 42.6 0.291 0.942 0.019 710. 376. -52.2 0.0340 0.48 0.16 3.81 238.0 10.0 288.1 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
18 5 24 144 13 43.3 0.283 0.974 0.023 772. 362. -47.4 0.0340 0.48 0.16 3.69 227.0 10.0 290.4 2.0 0
0.00 59. 1013. 10 ADJ-A1 NoSubs
18 5 24 144 14 40.7 0.313 0.961 0.023 787. 420. -68.0 0.0280 0.48 0.16 4.31 240.0 10.0 289.9 2.0 0
0.00 61. 1013. 10 ADJ-A1 NoSubs
18 5 24 144 15 35.3 0.318 0.918 0.023 791. 431. -82.4 0.0280 0.48 0.16 4.42 244.0 10.0 288.8 2.0 0
0.00 64. 1013. 10 ADJ-A1 NoSubs
18 5 24 144 16 27.6 0.251 0.847 0.023 794. 304. -51.8 0.0304 0.48 0.17 3.36 999.0 10.0 288.1 2.0 0
0.00 66. 1012. 10 ADJ-SFC NoSubs
18 5 24 144 17 17.8 0.284 0.733 0.023 796. 363. -116.1 0.0340 0.48 0.19 3.86 239.0 10.0 287.0 2.0 0

0.00 74. 1012. 10 ADJ-SFC NoSubs
18 5 24 144 18 6.7 0.177 0.529 0.023 797. 184. -74.4 0.0340 0.48 0.25 2.36 239.0 10.0 286.4 2.0 0
0.00 77. 1012. 10 ADJ-SFC NoSubs
18 5 24 144 19 -13.9 0.225 -9.000 -9.000 -999. 256. 73.9 0.0340 0.48 0.44 3.36 234.0 10.0 285.9 2.0 0
0.00 76. 1012. 10 ADJ-SFC NoSubs
18 5 24 144 20 -22.1 0.223 -9.000 -9.000 -999. 252. 54.6 0.0340 0.48 1.00 3.36 228.0 10.0 285.4 2.0 0
0.00 80. 1013. 10 ADJ-SFC NoSubs
18 5 24 144 21 -13.4 0.153 -9.000 -9.000 -999. 145. 25.8 0.0340 0.48 1.00 2.36 230.0 10.0 285.4 2.0 0
0.00 82. 1013. 10 ADJ-SFC NoSubs
18 5 24 144 22 -6.9 0.108 -9.000 -9.000 -999. 85. 16.3 0.0280 0.48 1.00 1.76 252.0 10.0 285.4 2.0 11
0.30 86. 1013. 10 ADJ-SFC NoSubs
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0 0.00 86. 1013. 10 ADJ-SFC NoSubs
18 5 24 144 24 -18.7 0.188 -9.000 -9.000 -999. 196. 38.9 0.0340 0.48 1.00 2.86 216.0 10.0 284.9 2.0 0
0.00 89. 1013. 10 ADJ-SFC NoSubs
18 5 25 145 1 -11.6 0.142 -9.000 -9.000 -999. 129. 22.3 0.0340 0.48 1.00 2.20 236.0 10.0 284.9 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 5 25 145 2 -12.5 0.148 -9.000 -9.000 -999. 136. 23.9 0.0340 0.48 1.00 2.28 236.0 10.0 284.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
18 5 25 145 3 -2.9 0.071 -9.000 -9.000 -999. 48. 11.4 0.0280 0.48 1.00 1.11 268.0 10.0 284.2 2.0 11
0.80 96. 1013. 10 ADJ-A1 NoSubs
18 5 25 145 4 -2.7 0.070 -9.000 -9.000 -999. 44. 11.6 0.0340 0.48 1.00 1.03 214.0 10.0 284.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
18 5 25 145 5 -1.7 0.060 -9.000 -9.000 -999. 36. 11.9 0.0250 0.48 1.00 0.77 284.0 10.0 284.2 2.0 0
0.00 96. 1013. 7 ADJ-A1 NoSubs
18 5 25 145 6 -1.4 0.056 -9.000 -9.000 -999. 32. 11.3 0.0280 0.48 0.48 0.80 256.0 10.0 284.9 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
18 5 25 145 7 5.1 0.228 0.434 0.005 573. 261. -207.2 0.0230 0.48 0.26 3.37 193.0 10.0 285.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 5 25 145 8 16.2 0.265 0.651 0.005 615. 328. -104.1 0.0230 0.48 0.19 3.85 192.0 10.0 285.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 5 25 145 9 26.2 0.296 0.790 0.005 679. 386. -89.4 0.0230 0.48 0.17 4.27 196.0 10.0 286.4 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
18 5 25 145 10 34.1 0.313 0.893 0.005 754. 420. -81.1 0.0340 0.48 0.16 4.19 213.0 10.0 287.0 2.0 0
0.00 83. 1015. 10 ADJ-A1 NoSubs
18 5 25 145 11 39.8 0.320 0.967 0.005 820. 434. -74.5 0.0340 0.48 0.16 4.27 229.0 10.0 288.1 2.0 0
0.00 80. 1015. 10 ADJ-A1 NoSubs
18 5 25 145 12 143.1 0.311 1.577 0.007 993. 417. -19.1 0.0340 0.48 0.16 3.80 226.0 10.0 290.4 2.0 0
0.00 69. 1015. 7 ADJ-A1 NoSubs
18 5 25 145 13 143.6 0.370 1.652 0.007 1139. 540. -31.9 0.0340 0.48 0.16 4.70 230.0 10.0 290.4 2.0 0
0.00 69. 1015. 7 ADJ-A1 NoSubs
18 5 25 145 14 136.2 0.392 1.681 0.008 1264. 588. -39.9 0.0340 0.48 0.16 5.05 235.0 10.0 290.9 2.0 0
0.00 67. 1015. 7 ADJ-A1 NoSubs
18 5 25 145 15 120.2 0.408 1.636 0.007 1322. 624. -51.0 0.0340 0.48 0.16 5.33 232.0 10.0 290.4 2.0 0
0.00 69. 1015. 7 ADJ-A1 NoSubs
18 5 25 145 16 96.5 0.383 1.531 0.007 1346. 570. -52.7 0.0340 0.48 0.17 5.02 238.0 10.0 289.2 2.0 0
0.00 71. 1014. 7 ADJ-A1 NoSubs
18 5 25 145 17 81.8 0.371 1.456 0.006 1367. 543. -56.4 0.0340 0.48 0.19 4.88 223.0 10.0 289.2 2.0 0
0.00 71. 1014. 3 ADJ-A1 NoSubs
18 5 25 145 18 32.2 0.315 1.070 0.006 1373. 427. -88.0 0.0340 0.48 0.25 4.24 225.0 10.0 287.0 2.0 0
0.00 83. 1014. 7 ADJ-A1 NoSubs
18 5 25 145 19 -10.1 0.168 -9.000 -9.000 -999. 181. 42.8 0.0340 0.48 0.44 2.54 218.0 10.0 286.4 2.0 0
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18 5 25 145 20 -7.1 0.110 -9.000 -9.000 -999. 89. 17.0 0.0340 0.48 1.00 1.74 213.0 10.0 286.4 2.0 0

0.00 89. 1014. 10 ADJ-A1 NoSubs
18 5 25 145 21 -12.2 0.144 -9.000 -9.000 -999. 131. 22.8 0.0230 0.48 1.00 2.38 194.0 10.0 286.4 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
18 5 25 145 22 -9.1 0.125 -9.000 -9.000 -999. 106. 19.5 0.0340 0.48 1.00 1.96 225.0 10.0 285.9 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
18 5 25 145 23 -6.4 0.104 -9.000 -9.000 -999. 81. 16.0 0.0340 0.48 1.00 1.65 230.0 10.0 285.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 5 25 145 24 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0340 0.48 1.00 1.23 236.0 10.0 285.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 1 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0250 0.48 1.00 1.31 289.0 10.0 285.9 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 2 -3.3 0.075 -9.000 -9.000 -999. 49. 11.7 0.0280 0.48 1.00 1.20 241.0 10.0 285.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 3 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0340 0.48 1.00 1.69 231.0 10.0 285.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
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0.00 89. 1013. 7 ADJ-A1 NoSubs
18 5 26 146 5 -4.7 0.088 -9.000 -9.000 -999. 63. 13.2 0.0250 0.48 1.00 1.48 278.0 10.0 285.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 6 -5.0 0.099 -9.000 -9.000 -999. 75. 17.6 0.0280 0.48 0.48 1.62 261.0 10.0 285.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 7 5.4 0.129 0.300 0.005 179. 112. -35.8 0.0280 0.48 0.26 1.72 259.0 10.0 286.4 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 8 16.7 0.114 0.532 0.005 327. 92. -8.0 0.0300 0.48 0.19 1.31 14.0 10.0 287.1 2.0 0
0.00 76. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 9 26.4 0.147 0.683 0.006 436. 135. -10.9 0.0280 0.48 0.17 1.77 246.0 10.0 287.0 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 10 34.3 0.272 0.786 0.008 511. 341. -53.1 0.0340 0.48 0.16 3.57 219.0 10.0 287.5 2.0 0
0.00 74. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 11 40.2 0.278 0.868 0.009 588. 352. -48.5 0.0340 0.48 0.16 3.63 212.0 10.0 289.2 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 12 42.8 0.260 0.921 0.010 659. 318. -37.0 0.0230 0.48 0.16 3.59 208.0 10.0 288.8 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 13 43.2 0.253 0.954 0.011 725. 306. -33.9 0.0340 0.48 0.16 3.23 216.0 10.0 289.9 2.0 0
0.00 66. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 14 40.8 0.281 0.952 0.011 764. 358. -49.3 0.0230 0.48 0.16 3.95 201.0 10.0 289.9 2.0 0
0.00 64. 1013. 10 ADJ-A1 NoSubs
18 5 26 146 15 35.6 0.252 0.919 0.011 787. 304. -40.6 0.0230 0.48 0.16 3.50 186.0 10.0 289.2 2.0 0
0.00 66. 1012. 10 ADJ-A1 NoSubs
18 5 26 146 16 28.1 0.249 0.855 0.010 803. 298. -49.4 0.0230 0.48 0.17 3.49 196.0 10.0 289.2 2.0 0
0.00 69. 1012. 10 ADJ-A1 NoSubs
18 5 26 146 17 18.4 0.266 0.745 0.010 811. 330. -92.7 0.0230 0.48 0.19 3.85 196.0 10.0 288.8 2.0 0
0.00 68. 1012. 10 ADJ-A1 NoSubs
18 5 26 146 18 7.2 0.226 0.545 0.010 813. 259. -145.5 0.0370 0.48 0.25 3.05 169.0 10.0 287.5 2.0 0
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18 5 27 147 12 177.3 0.322 1.394 0.008 551. 438. -16.9 0.0230 0.48 0.16 4.20 196.0 10.0 292.0 2.0 0
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18 5 27 147 13 178.0 0.325 1.449 0.006 616. 446. -17.4 0.0230 0.48 0.16 4.26 187.0 10.0 292.0 2.0 0
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18 5 27 147 14 168.3 0.314 1.504 0.005 728. 423. -16.6 0.0230 0.48 0.16 4.09 189.0 10.0 292.0 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 5 27 147 15 147.9 0.300 1.497 0.005 818. 394. -16.4 0.0230 0.48 0.16 3.90 180.0 10.0 292.0 2.0 0
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0.00 74. 1009. 0 ADJ-A1 NoSubs
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18 5 28 148 1 -1.8 0.062 -9.000 -9.000 -999. 37. 11.7 0.0280 0.48 1.00 0.82 260.0 10.0 284.2 2.0 0
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18 5 28 148 8 74.0 0.112 0.777 0.028 228. 90. -1.7 0.0340 0.48 0.19 1.01 137.0 10.0 290.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
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0.00 49. 1009. 0 ADJ-A1 NoSubs
18 5 28 148 11 168.0 0.307 1.246 0.017 415. 408. -15.5 0.0230 0.48 0.16 3.97 187.0 10.0 297.0 2.0 0
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0.00 60. 1009. 0 ADJ-A1 NoSubs
18 5 28 148 13 179.4 0.304 1.384 0.012 532. 403. -14.1 0.0230 0.48 0.16 3.90 206.0 10.0 295.9 2.0 0
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18 5 28 148 16 118.8 0.305 1.261 0.006 606. 403. -21.3 0.0230 0.48 0.17 4.05 190.0 10.0 293.8 2.0 0
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18 5 28 148 18 36.0 0.256 0.854 0.005 620. 311. -41.8 0.0230 0.48 0.25 3.56 180.0 10.0 289.9 2.0 0
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18 5 29 149 1 -2.6 0.069 -9.000 -9.000 -999. 44. 11.3 0.0280 0.48 1.00 1.06 259.0 10.0 284.9 2.0 0
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18 5 29 149 6 -1.3 0.054 -9.000 -9.000 -999. 30. 11.2 0.0250 0.48 0.47 0.77 293.0 10.0 285.4 2.0 0
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18 5 29 149 7 5.4 0.074 0.292 0.035 164. 49. -6.8 0.0300 0.48 0.26 0.84 7.0 10.0 285.4 2.0 0
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18 5 29 149 8 63.2 0.115 0.692 0.033 188. 93. -2.2 0.0230 0.48 0.19 1.18 184.0 10.0 288.1 2.0 0
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18 5 29 149 10 144.7 0.286 1.064 0.021 299. 367. -14.5 0.0370 0.48 0.16 3.34 174.0 10.0 292.0 2.0 0
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18 5 29 149 11 166.7 0.298 1.200 0.018 372. 390. -14.2 0.0230 0.48 0.16 3.83 184.0 10.0 292.5 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
18 5 29 149 12 178.0 0.332 1.263 0.014 406. 458. -18.4 0.0230 0.48 0.16 4.36 181.0 10.0 293.1 2.0 0
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18 5 29 149 13 178.7 0.320 1.347 0.013 491. 435. -16.5 0.0230 0.48 0.16 4.17 180.0 10.0 293.1 2.0 0
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18 5 29 149 14 168.9 0.353 1.372 0.011 548. 503. -23.3 0.0370 0.48 0.16 4.31 174.0 10.0 292.5 2.0 0
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18 5 29 149 16 118.4 0.338 1.257 0.007 600. 472. -29.2 0.0370 0.48 0.17 4.20 168.0 10.0 291.4 2.0 0
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18 5 29 149 17 80.3 0.314 1.112 0.006 613. 423. -34.6 0.0370 0.48 0.19 3.95 156.0 10.0 290.4 2.0 0
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18 5 29 149 23 -6.9 0.109 -9.000 -9.000 -999. 86. 16.6 0.0300 0.48 1.00 1.76 45.0 10.0 285.4 2.0 0
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18 5 30 150 11 40.3 0.230 0.834 0.032 517. 265. -27.2 0.0230 0.48 0.16 3.12 197.0 10.0 289.2 2.0 0
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0.00 62. 1007. 0 ADJ-A1 NoSubs
18 5 30 150 14 168.7 0.317 1.435 0.026 629. 430. -17.0 0.0230 0.48 0.16 4.14 189.0 10.0 290.9 2.0 0
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18 5 30 150 15 148.4 0.246 1.382 0.024 639. 296. -9.0 0.0230 0.48 0.16 3.03 208.0 10.0 290.9 2.0 0
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18 5 30 150 16 118.7 0.196 1.287 0.023 645. 209. -5.7 0.0340 0.48 0.17 2.10 146.0 10.0 291.4 2.0 0
0.00 57. 1006. 0 ADJ-A1 NoSubs
18 5 30 150 17 80.6 0.244 1.134 0.022 648. 289. -16.2 0.0230 0.48 0.19 3.17 191.0 10.0 290.4 2.0 0
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18 5 30 150 18 36.9 0.183 0.875 0.022 650. 190. -15.0 0.0230 0.48 0.24 2.37 182.0 10.0 289.9 2.0 0
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0.00 79. 1009. 10 ADJ-A1 NoSubs
18 5 31 151 7 5.4 0.086 0.277 0.005 139. 60. -10.4 0.0280 0.48 0.26 1.03 269.0 10.0 284.9 2.0 0
0.00 76. 1009. 10 ADJ-A1 NoSubs
18 5 31 151 8 16.9 0.182 0.536 0.006 327. 187. -32.3 0.0340 0.48 0.19 2.32 224.0 10.0 287.0 2.0 0
0.00 66. 1009. 10 ADJ-A1 NoSubs
18 5 31 151 9 111.2 0.340 1.240 0.016 618. 475. -31.7 0.0280 0.48 0.17 4.48 247.0 10.0 288.8 2.0 0
0.00 56. 1009. 5 ADJ-A1 NoSubs
18 5 31 151 10 34.9 0.379 0.851 0.016 635. 559. -140.0 0.0280 0.48 0.16 5.36 249.0 10.0 289.2 2.0 0
0.00 53. 1010. 10 ADJ-A1 NoSubs
18 5 31 151 11 40.6 0.397 0.904 0.016 655. 601. -138.9 0.0340 0.48 0.16 5.43 236.0 10.0 290.4 2.0 0

0.00 55. 1010. 10 ADJ-A1 NoSubs
18 5 31 151 12 180.0 0.480 1.544 0.015 737. 798. -55.4 0.0340 0.48 0.16 6.31 229.0 10.0 291.4 2.0 0
0.00 53. 1010. 3 ADJ-A1 NoSubs
18 5 31 151 13 178.4 0.582 1.613 0.008 849. 1064. -99.5 0.0340 0.48 0.16 7.86 224.0 10.0 290.9 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
18 5 31 151 14 168.9 0.586 1.605 0.008 883. 1075. -107.0 0.0340 0.48 0.16 7.93 231.0 10.0 290.9 2.0
0 0.00 55. 1010. 0 ADJ-A1 NoSubs
18 5 31 151 15 148.7 0.595 1.555 0.007 912. 1101. -127.6 0.0340 0.48 0.16 8.11 236.0 10.0 290.9 2.0
0 0.00 57. 1010. 0 ADJ-A1 NoSubs
18 5 31 151 16 119.2 0.526 1.457 0.011 936. 921. -109.8 0.0340 0.48 0.17 7.13 237.0 10.0 292.0 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
18 5 31 151 17 81.0 0.432 1.287 0.011 950. 690. -89.6 0.0280 0.48 0.19 6.02 244.0 10.0 290.4 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
18 5 31 151 18 37.2 0.377 0.995 0.011 956. 559. -130.2 0.0280 0.48 0.24 5.33 248.0 10.0 289.2 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
18 5 31 151 19 -8.1 0.250 -9.000 -9.000 -999. 311. 173.8 0.0280 0.48 0.42 3.80 249.0 10.0 286.4 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 5 31 151 20 -14.2 0.157 -9.000 -9.000 -999. 153. 27.0 0.0280 0.48 1.00 2.49 245.0 10.0 284.2 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
18 5 31 151 21 -2.1 0.065 -9.000 -9.000 -999. 45. 11.8 0.0340 0.48 1.00 0.86 222.0 10.0 284.2 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
18 5 31 151 22 -14.1 0.156 -9.000 -9.000 -999. 147. 26.6 0.0270 0.48 1.00 2.49 66.0 10.0 283.8 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
18 5 31 151 23 -6.3 0.103 -9.000 -9.000 -999. 80. 15.6 0.0300 0.48 1.00 1.67 17.0 10.0 283.1 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
18 5 31 151 24 -7.1 0.110 -9.000 -9.000 -999. 87. 16.9 0.0360 0.48 1.00 1.72 357.0 10.0 282.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
18 6 1 152 1 -6.5 0.106 -9.000 -9.000 -999. 82. 16.3 0.0380 0.59 1.00 1.64 319.0 10.0 281.4 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 6 1 152 2 -8.9 0.124 -9.000 -9.000 -999. 105. 19.3 0.0380 0.59 1.00 1.91 326.0 10.0 280.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
18 6 1 152 3 -7.4 0.112 -9.000 -9.000 -999. 90. 17.3 0.0380 0.59 1.00 1.74 317.0 10.0 280.4 2.0 0
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18 6 1 152 4 -7.8 0.116 -9.000 -9.000 -999. 95. 17.9 0.0380 0.59 1.00 1.79 317.0 10.0 280.4 2.0 0
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18 6 1 152 5 -8.1 0.118 -9.000 -9.000 -999. 97. 18.3 0.0380 0.59 1.00 1.82 312.0 10.0 280.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 6 1 152 6 -5.7 0.113 -9.000 -9.000 -999. 92. 23.1 0.0380 0.59 0.48 1.72 314.0 10.0 282.0 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
18 6 1 152 7 33.1 0.128 0.672 0.017 330. 110. -5.7 0.0370 0.59 0.27 1.35 9.0 10.0 285.4 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
18 6 1 152 8 83.3 0.152 0.972 0.016 398. 142. -3.8 0.0360 0.59 0.20 1.52 110.0 10.0 287.0 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
18 6 1 152 9 127.8 0.149 1.188 0.014 474. 137. -2.3 0.0360 0.59 0.18 1.38 98.0 10.0 289.2 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
18 6 1 152 10 163.8 0.192 1.389 0.012 591. 202. -3.9 0.0420 0.59 0.17 1.86 175.0 10.0 292.0 2.0 0
0.00 55. 1013. 0 ADJ-A1 NoSubs
18 6 1 152 11 189.0 0.276 1.482 0.010 623. 347. -10.0 0.0280 0.59 0.17 3.29 203.0 10.0 293.8 2.0 0
0.00 52. 1013. 0 ADJ-A1 NoSubs
18 6 1 152 12 202.2 0.293 1.541 0.008 654. 381. -11.3 0.0360 0.59 0.17 3.36 244.0 10.0 295.4 2.0 0
0.00 47. 1012. 0 ADJ-A1 NoSubs
18 6 1 152 13 203.3 0.335 1.592 0.005 717. 466. -16.7 0.0450 0.59 0.17 3.81 239.0 10.0 295.9 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
18 6 1 152 14 193.3 0.379 1.633 0.005 814. 561. -25.5 0.0450 0.59 0.17 4.48 237.0 10.0 297.5 2.0 0

0.00 41. 1012. 0 ADJ-A1 NoSubs
18 6 1 152 15 170.5 0.353 1.693 0.005 1028. 504. -23.3 0.0450 0.59 0.17 4.14 224.0 10.0 297.5 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
18 6 1 152 16 136.9 0.244 1.629 0.005 1140. 296. -9.6 0.0280 0.59 0.18 2.90 194.0 10.0 297.5 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
18 6 1 152 17 93.4 0.275 1.479 0.009 1249. 345. -20.0 0.0390 0.59 0.20 3.27 128.0 10.0 295.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
18 6 1 152 18 43.2 0.278 1.154 0.010 1283. 351. -44.6 0.0390 0.59 0.25 3.51 145.0 10.0 292.5 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 6 1 152 19 -5.4 0.192 -9.000 -9.000 -999. 205. 119.4 0.0420 0.59 0.43 2.74 171.0 10.0 290.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 6 1 152 20 -16.3 0.169 -9.000 -9.000 -999. 167. 31.3 0.0280 0.59 1.00 2.67 185.0 10.0 287.0 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
18 6 1 152 21 -15.7 0.165 -9.000 -9.000 -999. 161. 30.1 0.0280 0.59 1.00 2.62 194.0 10.0 285.9 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
18 6 1 152 22 -3.8 0.081 -9.000 -9.000 -999. 58. 12.7 0.0360 0.59 1.00 1.26 246.0 10.0 286.4 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 6 1 152 23 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.59 1.00 1.47 308.0 10.0 285.9 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
18 6 1 152 24 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.59 1.00 1.45 319.0 10.0 285.4 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
18 6 2 153 1 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.59 1.00 1.45 325.0 10.0 285.4 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
18 6 2 153 2 -7.1 0.110 -9.000 -9.000 -999. 88. 17.2 0.0380 0.59 1.00 1.71 313.0 10.0 284.9 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 6 2 153 3 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.59 1.00 1.13 315.0 10.0 284.2 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 6 2 153 4 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.59 1.00 1.13 309.0 10.0 284.2 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 6 2 153 5 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.59 1.00 1.25 327.0 10.0 283.8 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 6 2 153 6 -3.2 0.086 -9.000 -9.000 -999. 60. 17.7 0.0380 0.59 0.47 1.33 322.0 10.0 285.9 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 6 2 153 7 34.3 0.117 0.492 0.023 125. 96. -4.2 0.0450 0.59 0.27 1.13 219.0 10.0 289.2 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
18 6 2 153 8 84.9 0.119 0.791 0.021 210. 99. -1.8 0.0390 0.59 0.20 1.04 136.0 10.0 292.0 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
18 6 2 153 9 130.0 0.142 1.015 0.018 290. 128. -2.0 0.0360 0.59 0.18 1.28 118.0 10.0 295.4 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
18 6 2 153 10 166.3 0.170 1.221 0.014 395. 168. -2.7 0.0360 0.59 0.17 1.62 117.0 10.0 298.1 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
18 6 2 153 11 192.5 0.236 1.385 0.011 497. 276. -6.2 0.0420 0.59 0.17 2.44 179.0 10.0 301.4 2.0 0
0.00 36. 1010. 0 ADJ-A1 NoSubs
18 6 2 153 12 205.1 0.347 1.449 0.007 534. 490. -18.3 0.0450 0.59 0.17 3.97 239.0 10.0 301.4 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
18 6 2 153 13 205.7 0.350 1.535 0.005 634. 498. -18.8 0.0360 0.59 0.17 4.22 247.0 10.0 300.9 2.0 0
0.00 34. 1009. 0 ADJ-A1 NoSubs
18 6 2 153 14 195.4 0.294 1.572 0.005 717. 384. -11.7 0.0450 0.59 0.17 3.22 221.0 10.0 301.4 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
18 6 2 153 15 171.5 0.335 1.695 0.005 1022. 466. -19.8 0.0420 0.59 0.17 3.93 175.0 10.0 299.2 2.0 0
0.00 41. 1008. 0 ADJ-A1 NoSubs
18 6 2 153 16 135.7 0.375 1.667 0.005 1229. 551. -35.0 0.0420 0.59 0.18 4.60 165.0 10.0 293.8 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 6 2 153 17 92.0 0.338 1.512 0.007 1351. 473. -37.8 0.0420 0.59 0.19 4.17 159.0 10.0 290.4 2.0 0

0.00 69. 1008. 0 ADJ-A1 NoSubs
18 6 2 153 18 42.6 0.313 1.185 0.008 1406. 420. -64.6 0.0420 0.59 0.25 3.98 159.0 10.0 289.2 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
18 6 2 153 19 -6.4 0.225 -9.000 -9.000 -999. 260. 160.3 0.0390 0.59 0.42 3.23 146.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
18 6 2 153 20 -17.6 0.178 -9.000 -9.000 -999. 181. 35.0 0.0420 0.59 1.00 2.62 163.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 6 2 153 21 -3.5 0.078 -9.000 -9.000 -999. 58. 12.3 0.0360 0.59 1.00 1.20 108.0 10.0 287.0 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 6 2 153 22 -1.8 0.062 -9.000 -9.000 -999. 37. 12.0 0.0320 0.59 1.00 0.80 276.0 10.0 285.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 6 2 153 23 -2.8 0.073 -9.000 -9.000 -999. 47. 12.2 0.0450 0.59 1.00 1.03 231.0 10.0 286.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
18 6 2 153 24 -2.7 0.070 -9.000 -9.000 -999. 45. 11.7 0.0360 0.59 1.00 1.03 257.0 10.0 285.4 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 1 -3.3 0.076 -9.000 -9.000 -999. 50. 11.9 0.0320 0.59 1.00 1.18 281.0 10.0 284.2 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 2 -2.8 0.072 -9.000 -9.000 -999. 46. 12.1 0.0450 0.59 1.00 1.01 238.0 10.0 283.8 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 3 -2.0 0.063 -9.000 -9.000 -999. 38. 11.5 0.0280 0.59 1.00 0.87 199.0 10.0 284.2 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 4 -4.5 0.087 -9.000 -9.000 -999. 62. 13.3 0.0320 0.59 1.00 1.40 288.0 10.0 283.8 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 5 -4.8 0.090 -9.000 -9.000 -999. 65. 13.9 0.0360 0.59 1.00 1.42 266.0 10.0 283.1 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 6 -1.8 0.064 -9.000 -9.000 -999. 39. 13.0 0.0320 0.59 0.47 1.03 286.0 10.0 284.9 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 7 34.2 0.093 0.466 0.032 106. 68. -2.1 0.0420 0.59 0.27 0.82 171.0 10.0 288.1 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 8 84.9 0.141 0.784 0.029 204. 127. -2.9 0.0420 0.59 0.20 1.31 174.0 10.0 291.4 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 9 129.7 0.252 1.018 0.024 293. 304. -11.1 0.0420 0.59 0.18 2.79 178.0 10.0 294.2 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 10 165.0 0.290 1.189 0.020 366. 375. -13.3 0.0420 0.59 0.17 3.27 157.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 11 189.6 0.349 1.283 0.009 401. 494. -20.1 0.0420 0.59 0.17 4.09 172.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 12 202.5 0.339 1.347 0.010 435. 475. -17.4 0.0280 0.59 0.17 4.27 181.0 10.0 295.4 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 13 204.1 0.326 1.395 0.010 479. 446. -15.2 0.0280 0.59 0.17 4.05 182.0 10.0 297.0 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 14 192.0 0.424 1.407 0.005 522. 663. -35.8 0.0420 0.59 0.17 5.21 174.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 15 168.7 0.410 1.389 0.005 571. 630. -36.6 0.0420 0.59 0.17 5.04 179.0 10.0 291.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 16 135.1 0.294 1.336 0.005 635. 391. -16.8 0.0420 0.59 0.18 3.39 163.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 17 92.1 0.322 1.275 0.005 809. 439. -32.6 0.0420 0.59 0.19 3.93 161.0 10.0 289.2 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 18 42.6 0.303 1.001 0.005 846. 400. -58.5 0.0420 0.59 0.25 3.83 156.0 10.0 287.5 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 19 -5.3 0.193 -9.000 -9.000 -999. 209. 120.3 0.0390 0.59 0.42 2.78 133.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 20 -20.1 0.204 -9.000 -9.000 -999. 221. 45.6 0.0390 0.59 1.00 3.01 134.0 10.0 285.9 2.0 0

0.00 89. 1007. 0 ADJ-A1 NoSubs
18 6 3 154 21 -19.3 0.195 -9.000 -9.000 -999. 207. 41.8 0.0360 0.59 1.00 2.93 118.0 10.0 285.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 22 -5.5 0.097 -9.000 -9.000 -999. 77. 14.9 0.0340 0.59 1.00 1.54 60.0 10.0 285.9 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 23 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0370 0.59 1.00 1.37 24.0 10.0 285.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 6 3 154 24 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.59 1.00 1.28 318.0 10.0 284.2 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 1 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0320 0.59 1.00 1.09 288.0 10.0 283.8 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 2 -2.6 0.070 -9.000 -9.000 -999. 44. 11.8 0.0380 0.59 1.00 0.99 309.0 10.0 283.8 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 3 -4.0 0.083 -9.000 -9.000 -999. 57. 12.9 0.0380 0.59 1.00 1.28 309.0 10.0 283.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 4 -1.8 0.063 -9.000 -9.000 -999. 38. 12.5 0.0380 0.59 1.00 0.77 317.0 10.0 282.0 2.0 0
0.00 95. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 5 -1.3 0.059 -9.000 -9.000 -999. 34. 14.6 0.0380 0.59 1.00 0.57 307.0 10.0 282.5 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 6 -1.3 0.056 -9.000 -9.000 -999. 32. 12.0 0.0380 0.59 0.47 0.84 328.0 10.0 284.2 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 7 34.1 0.088 0.575 0.026 200. 62. -1.8 0.0340 0.59 0.27 0.79 89.0 10.0 287.0 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 8 84.5 0.135 0.869 0.026 279. 119. -2.6 0.0420 0.59 0.20 1.23 153.0 10.0 289.9 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 9 129.0 0.190 1.051 0.024 324. 199. -4.8 0.0420 0.59 0.18 1.90 153.0 10.0 292.0 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 10 164.7 0.270 1.178 0.021 357. 337. -10.7 0.0420 0.59 0.17 2.98 166.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 11 189.8 0.291 1.294 0.018 411. 376. -11.6 0.0420 0.59 0.17 3.23 166.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 12 203.1 0.320 1.389 0.015 475. 434. -14.5 0.0420 0.59 0.17 3.64 163.0 10.0 296.4 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 13 204.0 0.339 1.444 0.013 531. 473. -17.1 0.0390 0.59 0.17 3.98 148.0 10.0 296.4 2.0 0
0.00 51. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 14 193.7 0.337 1.513 0.011 642. 470. -17.7 0.0390 0.59 0.17 3.97 132.0 10.0 297.0 2.0 0
0.00 47. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 15 170.8 0.360 1.527 0.010 749. 519. -24.6 0.0390 0.59 0.17 4.37 138.0 10.0 296.4 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 16 137.0 0.352 1.440 0.009 783. 502. -28.6 0.0390 0.59 0.18 4.32 138.0 10.0 295.4 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 17 94.0 0.344 1.284 0.009 810. 484. -38.8 0.0390 0.59 0.19 4.31 129.0 10.0 293.8 2.0 0
0.00 53. 1006. 0 ADJ-A1 NoSubs
18 6 4 155 18 44.2 0.303 1.003 0.009 819. 401. -56.4 0.0390 0.59 0.25 3.88 138.0 10.0 291.4 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
18 6 4 155 19 -6.3 0.259 -9.000 -9.000 -999. 317. 248.8 0.0390 0.59 0.42 3.68 136.0 10.0 288.8 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 20 -18.0 0.183 -9.000 -9.000 -999. 190. 36.9 0.0360 0.59 1.00 2.76 119.0 10.0 287.0 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
18 6 4 155 21 -19.4 0.196 -9.000 -9.000 -999. 209. 42.5 0.0340 0.59 1.00 2.98 70.0 10.0 285.9 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 22 -13.2 0.152 -9.000 -9.000 -999. 143. 25.6 0.0340 0.59 1.00 2.35 62.0 10.0 285.4 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 23 -12.4 0.148 -9.000 -9.000 -999. 136. 24.0 0.0370 0.59 1.00 2.25 51.0 10.0 284.9 2.0 0

0.00 82. 1008. 0 ADJ-A1 NoSubs
18 6 4 155 24 -10.1 0.133 -9.000 -9.000 -999. 116. 20.9 0.0370 0.59 1.00 2.04 52.0 10.0 284.2 2.0 0
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18 6 5 156 1 -6.5 0.106 -9.000 -9.000 -999. 82. 16.3 0.0370 0.59 1.00 1.65 11.0 10.0 283.8 2.0 0
0.00 85. 1008. 0 ADJ-A1 NoSubs
18 6 5 156 2 -4.1 0.085 -9.000 -9.000 -999. 60. 13.4 0.0440 0.59 1.00 1.28 353.0 10.0 282.5 2.0 0
0.00 89. 1008. 5 ADJ-A1 NoSubs
18 6 5 156 3 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.59 1.00 1.43 322.0 10.0 282.5 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 6 5 156 4 -6.1 0.102 -9.000 -9.000 -999. 78. 15.7 0.0380 0.59 1.00 1.59 319.0 10.0 282.0 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 6 5 156 5 -7.5 0.114 -9.000 -9.000 -999. 92. 17.6 0.0380 0.59 1.00 1.76 324.0 10.0 281.4 2.0 0
0.00 89. 1008. 3 ADJ-A1 NoSubs
18 6 5 156 6 -2.5 0.071 -9.000 -9.000 -999. 46. 13.1 0.0370 0.59 0.47 1.11 6.0 10.0 283.1 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 6 5 156 7 6.1 0.130 0.294 0.019 148. 112. -32.1 0.0440 0.59 0.27 1.57 356.0 10.0 284.2 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 6 5 156 8 18.7 0.125 0.555 0.027 328. 106. -9.4 0.0370 0.59 0.20 1.40 38.0 10.0 284.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 6 5 156 9 30.0 0.133 0.667 0.027 356. 117. -7.1 0.0340 0.59 0.18 1.47 68.0 10.0 286.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
18 6 5 156 10 166.2 0.165 1.307 0.027 484. 161. -2.4 0.0360 0.59 0.17 1.55 114.0 10.0 288.8 2.0 0
0.00 71. 1009. 3 ADJ-A1 NoSubs
18 6 5 156 11 188.5 0.281 1.396 0.024 519. 358. -10.6 0.0420 0.59 0.17 3.10 158.0 10.0 290.9 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 6 5 156 12 201.7 0.296 1.464 0.022 560. 386. -11.5 0.0390 0.59 0.17 3.34 142.0 10.0 292.5 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
18 6 5 156 13 203.1 0.321 1.508 0.019 608. 437. -14.7 0.0420 0.59 0.17 3.66 155.0 10.0 293.8 2.0 0
0.00 48. 1008. 0 ADJ-A1 NoSubs
18 6 5 156 14 192.4 0.371 1.499 0.017 631. 542. -23.9 0.0390 0.59 0.17 4.49 148.0 10.0 293.1 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
18 6 5 156 15 170.0 0.323 1.453 0.015 649. 441. -17.7 0.0420 0.59 0.17 3.74 156.0 10.0 293.8 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
18 6 5 156 16 136.3 0.308 1.359 0.013 663. 411. -19.3 0.0390 0.59 0.18 3.66 133.0 10.0 292.5 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
18 6 5 156 17 93.7 0.306 1.206 0.012 672. 406. -27.4 0.0360 0.59 0.19 3.80 113.0 10.0 292.0 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
18 6 5 156 18 43.9 0.371 0.944 0.012 687. 542. -104.5 0.0360 0.59 0.25 4.97 94.0 10.0 289.2 2.0 0
0.00 66. 1007. 0 ADJ-A1 NoSubs
18 6 5 156 19 -7.2 0.305 -9.000 -9.000 -999. 406. 351.5 0.0340 0.59 0.42 4.41 85.0 10.0 287.5 2.0 0
0.00 71. 1007. 0 ADJ-A1 NoSubs
18 6 5 156 20 -23.6 0.239 -9.000 -9.000 -999. 282. 62.7 0.0340 0.59 1.00 3.59 84.0 10.0 285.4 2.0 0
0.00 82. 1007. 0 ADJ-A1 NoSubs
18 6 5 156 21 -18.8 0.190 -9.000 -9.000 -999. 199. 39.6 0.0370 0.59 1.00 2.84 45.0 10.0 284.9 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
18 6 5 156 22 -12.6 0.149 -9.000 -9.000 -999. 139. 24.5 0.0370 0.59 1.00 2.27 36.0 10.0 284.2 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 6 5 156 23 -11.4 0.141 -9.000 -9.000 -999. 128. 22.3 0.0370 0.59 1.00 2.16 33.0 10.0 284.2 2.0 0
0.00 86. 1008. 5 ADJ-A1 NoSubs
18 6 5 156 24 -5.4 0.097 -9.000 -9.000 -999. 73. 15.2 0.0440 0.59 1.00 1.47 360.0 10.0 284.9 2.0 0
0.00 85. 1008. 10 ADJ-A1 NoSubs
18 6 6 157 1 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0380 0.59 1.00 1.30 304.0 10.0 284.2 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 6 6 157 2 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0450 0.59 1.00 1.25 236.0 10.0 283.8 2.0 0

0.00 92. 1007. 10 ADJ-A1 NoSubs
18 6 6 157 3 -2.7 0.071 -9.000 -9.000 -999. 45. 11.7 0.0360 0.59 1.00 1.03 240.0 10.0 284.2 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 6 6 157 4 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0360 0.59 1.00 0.89 246.0 10.0 283.8 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 6 6 157 5 -2.3 0.068 -9.000 -9.000 -999. 42. 12.2 0.0450 0.59 1.00 0.89 239.0 10.0 284.2 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 6 6 157 6 -7.0 0.121 -9.000 -9.000 -999. 101. 22.4 0.0280 0.59 0.47 1.93 204.0 10.0 284.9 2.0 0
0.00 82. 1008. 10 ADJ-A1 NoSubs
18 6 6 157 7 32.9 0.162 0.743 0.029 447. 156. -11.5 0.0280 0.59 0.27 1.96 207.0 10.0 285.4 2.0 0
0.00 80. 1008. 7 ADJ-A1 NoSubs
18 6 6 157 8 19.1 0.189 0.627 0.029 465. 197. -31.7 0.0280 0.59 0.20 2.49 209.0 10.0 286.4 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
18 6 6 157 9 106.2 0.256 1.177 0.029 552. 312. -14.3 0.0280 0.59 0.18 3.17 189.0 10.0 288.1 2.0 0
0.00 68. 1009. 7 ADJ-A1 NoSubs
18 6 6 157 10 159.1 0.217 1.385 0.027 601. 243. -5.8 0.0280 0.59 0.17 2.44 207.0 10.0 289.9 2.0 0
0.00 61. 1009. 5 ADJ-A1 NoSubs
18 6 6 157 11 191.1 0.313 1.506 0.025 644. 420. -14.5 0.0420 0.59 0.17 3.56 179.0 10.0 290.4 2.0 0
0.00 62. 1009. 3 ADJ-A1 NoSubs
18 6 6 157 12 194.9 0.355 1.534 0.023 667. 508. -20.7 0.0280 0.59 0.17 4.54 182.0 10.0 293.1 2.0 0
0.00 56. 1009. 5 ADJ-A1 NoSubs
18 6 6 157 13 202.8 0.470 1.572 0.013 690. 774. -46.1 0.0450 0.59 0.17 5.79 216.0 10.0 292.5 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 6 6 157 14 192.2 0.449 1.559 0.018 710. 723. -42.4 0.0450 0.59 0.17 5.50 220.0 10.0 292.0 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 6 6 157 15 169.8 0.447 1.509 0.017 728. 717. -47.2 0.0450 0.59 0.17 5.51 224.0 10.0 292.5 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 6 6 157 16 136.0 0.383 1.410 0.016 741. 572. -37.1 0.0450 0.59 0.18 4.65 217.0 10.0 290.9 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 6 6 157 17 93.5 0.348 1.250 0.015 750. 494. -40.5 0.0450 0.59 0.19 4.25 225.0 10.0 290.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 6 6 157 18 44.5 0.335 0.977 0.015 754. 466. -76.0 0.0450 0.59 0.25 4.24 238.0 10.0 289.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 6 6 157 19 -2.9 0.142 -9.000 -9.000 -999. 166. 87.1 0.0340 0.59 0.41 2.11 71.0 10.0 288.8 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
18 6 6 157 20 -16.3 0.171 -9.000 -9.000 -999. 169. 32.0 0.0370 0.59 1.00 2.57 47.0 10.0 287.0 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
18 6 6 157 21 -6.1 0.102 -9.000 -9.000 -999. 80. 15.9 0.0370 0.59 1.00 1.60 31.0 10.0 285.9 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 6 6 157 22 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0370 0.59 1.00 1.81 3.0 10.0 285.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 6 6 157 23 -6.4 0.105 -9.000 -9.000 -999. 82. 16.2 0.0370 0.59 1.00 1.64 19.0 10.0 284.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 6 6 157 24 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.59 1.00 1.25 1.0 10.0 284.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 6 7 158 1 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0370 0.59 1.00 1.30 23.0 10.0 284.2 2.0 0
0.00 92. 1009. 7 ADJ-A1 NoSubs
18 6 7 158 2 -3.3 0.077 -9.000 -9.000 -999. 51. 12.5 0.0440 0.59 1.00 1.13 336.0 10.0 284.2 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 6 7 158 3 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.59 1.00 1.20 329.0 10.0 284.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 6 7 158 4 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.59 1.00 1.08 4.0 10.0 285.4 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 6 7 158 5 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.59 1.00 0.97 307.0 10.0 284.9 2.0 0

0.00 89. 1010. 10 ADJ-A1 NoSubs
18 6 7 158 6 -2.5 0.072 -9.000 -9.000 -999. 46. 13.4 0.0360 0.59 0.47 1.13 267.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 6 7 158 7 6.6 0.086 0.365 0.011 266. 60. -8.6 0.0280 0.59 0.27 1.01 206.0 10.0 285.9 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
18 6 7 158 8 19.2 0.102 0.591 0.015 386. 79. -5.0 0.0420 0.59 0.20 1.03 168.0 10.0 287.0 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
18 6 7 158 9 30.8 0.135 0.732 0.020 460. 119. -7.2 0.0360 0.59 0.18 1.47 105.0 10.0 289.2 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
18 6 7 158 10 134.3 0.218 1.335 0.027 639. 244. -6.9 0.0280 0.59 0.17 2.50 193.0 10.0 290.9 2.0 0
0.00 62. 1012. 7 ADJ-A1 NoSubs
18 6 7 158 11 188.8 0.293 1.521 0.025 673. 382. -12.1 0.0280 0.59 0.17 3.57 194.0 10.0 291.4 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
18 6 7 158 12 201.9 0.317 1.573 0.023 697. 429. -14.3 0.0280 0.59 0.17 3.92 194.0 10.0 292.5 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 6 7 158 13 203.2 0.338 1.606 0.022 737. 470. -17.1 0.0280 0.59 0.17 4.24 200.0 10.0 293.1 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
18 6 7 158 14 193.0 0.309 1.619 0.021 795. 412. -13.7 0.0280 0.59 0.17 3.80 187.0 10.0 293.8 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
18 6 7 158 15 170.5 0.322 1.586 0.020 845. 438. -17.6 0.0420 0.59 0.17 3.73 159.0 10.0 293.8 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
18 6 7 158 16 137.1 0.314 1.496 0.019 883. 423. -20.4 0.0360 0.59 0.18 3.81 115.0 10.0 293.1 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
18 6 7 158 17 94.2 0.354 1.330 0.018 901. 505. -42.4 0.0360 0.59 0.19 4.53 110.0 10.0 291.4 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 6 7 158 18 45.1 0.296 1.042 0.018 906. 389. -52.1 0.0390 0.59 0.25 3.78 124.0 10.0 290.4 2.0 0
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18 6 7 158 19 -4.7 0.245 -9.000 -9.000 -999. 292. 282.7 0.0390 0.59 0.41 3.47 132.0 10.0 288.8 2.0 0
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18 6 7 158 20 -17.7 0.179 -9.000 -9.000 -999. 183. 35.1 0.0390 0.59 1.00 2.66 127.0 10.0 286.4 2.0 0
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18 6 7 158 21 -10.0 0.131 -9.000 -9.000 -999. 115. 20.6 0.0340 0.59 1.00 2.05 79.0 10.0 285.9 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 6 7 158 22 -14.7 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.59 1.00 2.47 62.0 10.0 285.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
18 6 7 158 23 -6.8 0.108 -9.000 -9.000 -999. 86. 16.8 0.0370 0.59 1.00 1.69 24.0 10.0 284.9 2.0 0
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18 6 7 158 24 -6.2 0.104 -9.000 -9.000 -999. 80. 16.2 0.0440 0.59 1.00 1.57 348.0 10.0 283.8 2.0 0
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18 6 8 159 1 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0380 0.59 1.00 1.72 324.0 10.0 283.1 2.0 0
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18 6 8 159 2 -9.7 0.130 -9.000 -9.000 -999. 112. 20.4 0.0380 0.59 1.00 1.99 301.0 10.0 282.5 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 6 8 159 3 -8.4 0.121 -9.000 -9.000 -999. 101. 18.8 0.0380 0.59 1.00 1.86 305.0 10.0 282.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 6 8 159 4 -5.2 0.094 -9.000 -9.000 -999. 70. 14.7 0.0440 0.59 1.00 1.43 338.0 10.0 280.9 2.0 0
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18 6 8 159 5 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0380 0.59 1.00 1.77 317.0 10.0 281.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 6 8 159 6 -2.9 0.077 -9.000 -9.000 -999. 51. 14.0 0.0370 0.59 0.47 1.20 9.0 10.0 282.5 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
18 6 8 159 7 6.2 0.108 0.247 0.014 88. 85. -18.5 0.0440 0.59 0.27 1.25 359.0 10.0 284.1 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
18 6 8 159 8 85.0 0.123 0.937 0.024 349. 103. -2.0 0.0360 0.59 0.20 1.11 264.0 10.0 286.4 2.0 0

0.00 86. 1013. 5 ADJ-A1 NoSubs
18 6 8 159 9 128.9 0.156 1.103 0.023 376. 148. -2.6 0.0390 0.59 0.18 1.45 141.0 10.0 290.9 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
18 6 8 159 10 164.5 0.209 1.235 0.020 413. 230. -5.0 0.0420 0.59 0.17 2.10 163.0 10.0 292.5 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 6 8 159 11 189.7 0.276 1.379 0.019 500. 349. -10.0 0.0280 0.59 0.17 3.30 188.0 10.0 293.8 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
18 6 8 159 12 202.8 0.305 1.510 0.018 613. 404. -12.6 0.0420 0.59 0.17 3.42 166.0 10.0 294.9 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
18 6 8 159 13 203.7 0.354 1.534 0.015 641. 505. -19.6 0.0420 0.59 0.17 4.14 168.0 10.0 294.2 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
18 6 8 159 14 193.4 0.337 1.560 0.014 709. 471. -17.9 0.0390 0.59 0.17 3.98 139.0 10.0 294.2 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
18 6 8 159 15 170.3 0.366 1.537 0.013 770. 532. -26.0 0.0390 0.59 0.17 4.46 131.0 10.0 292.5 2.0 0
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18 6 8 159 16 137.3 0.341 1.444 0.011 793. 478. -26.0 0.0390 0.59 0.18 4.15 138.0 10.0 293.1 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 6 8 159 17 94.8 0.312 1.286 0.010 810. 419. -28.9 0.0390 0.59 0.19 3.83 140.0 10.0 292.0 2.0 0
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18 6 8 159 18 45.6 0.313 1.012 0.010 818. 419. -60.3 0.0390 0.59 0.25 4.02 146.0 10.0 290.9 2.0 0
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18 6 8 159 19 -4.4 0.261 -9.000 -9.000 -999. 322. 366.0 0.0390 0.59 0.41 3.69 130.0 10.0 289.2 2.0 0
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0.00 83. 1012. 0 ADJ-A1 NoSubs
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18 6 8 159 23 -7.7 0.115 -9.000 -9.000 -999. 94. 18.0 0.0370 0.59 1.00 1.79 49.0 10.0 285.9 2.0 0
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18 6 8 159 24 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.59 1.00 1.25 22.0 10.0 285.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 6 9 160 1 -3.7 0.081 -9.000 -9.000 -999. 55. 12.9 0.0440 0.59 1.00 1.20 351.0 10.0 284.9 2.0 0
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18 6 9 160 2 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0380 0.59 1.00 1.35 318.0 10.0 284.2 2.0 0
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18 6 9 160 3 -3.1 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.59 1.00 1.11 5.0 10.0 284.2 2.0 0
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18 6 9 160 4 -3.6 0.079 -9.000 -9.000 -999. 53. 12.4 0.0370 0.59 1.00 1.21 29.0 10.0 284.2 2.0 0
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18 6 9 160 5 -5.5 0.097 -9.000 -9.000 -999. 73. 15.0 0.0370 0.59 1.00 1.52 20.0 10.0 284.2 2.0 0
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18 6 9 160 6 -3.1 0.080 -9.000 -9.000 -999. 54. 14.8 0.0370 0.59 0.47 1.25 46.0 10.0 284.2 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 6 9 160 7 6.5 0.088 0.370 0.005 282. 62. -9.4 0.0280 0.59 0.27 1.04 194.0 10.0 285.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
18 6 9 160 8 19.1 0.099 0.558 0.005 327. 75. -4.6 0.0340 0.59 0.20 1.04 83.0 10.0 286.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 6 9 160 9 30.5 0.130 0.690 0.005 390. 112. -6.5 0.0360 0.59 0.18 1.40 97.0 10.0 288.1 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
18 6 9 160 10 167.2 0.187 1.449 0.008 659. 194. -3.5 0.0360 0.59 0.17 1.86 100.0 10.0 291.4 2.0 0
0.00 69. 1013. 3 ADJ-A1 NoSubs
18 6 9 160 11 189.7 0.265 1.672 0.008 892. 327. -8.8 0.0420 0.59 0.17 2.86 164.0 10.0 293.8 2.0 0

0.00 62. 1013. 0 ADJ-A1 NoSubs
18 6 9 160 12 165.1 0.273 1.644 0.009 974. 342. -11.1 0.0280 0.59 0.17 3.29 189.0 10.0 295.4 2.0 0
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18 6 9 160 13 206.5 0.398 1.815 0.010 1046. 603. -27.6 0.0450 0.59 0.17 4.73 222.0 10.0 294.9 2.0 0
0.00 46. 1012. 3 ADJ-A1 NoSubs
18 6 9 160 14 194.9 0.425 1.817 0.013 1113. 664. -35.5 0.0450 0.59 0.17 5.14 212.0 10.0 297.5 2.0 0
0.00 35. 1012. 0 ADJ-A1 NoSubs
18 6 9 160 15 172.0 0.446 1.777 0.014 1180. 713. -46.4 0.0280 0.59 0.17 6.01 207.0 10.0 296.4 2.0 0
0.00 35. 1012. 0 ADJ-A1 NoSubs
18 6 9 160 16 138.4 0.447 1.685 0.014 1250. 716. -58.1 0.0360 0.59 0.18 5.82 248.0 10.0 295.4 2.0 0
0.00 32. 1012. 0 ADJ-A1 NoSubs
18 6 9 160 17 96.1 0.350 1.535 0.013 1360. 503. -40.1 0.0360 0.59 0.19 4.46 262.0 10.0 294.9 2.0 0
0.00 34. 1012. 0 ADJ-A1 NoSubs
18 6 9 160 18 46.8 0.283 1.216 0.013 1388. 364. -43.7 0.0360 0.59 0.25 3.63 258.0 10.0 293.1 2.0 0
0.00 36. 1012. 0 ADJ-A1 NoSubs
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0.00 47. 1012. 0 ADJ-A1 NoSubs
18 6 9 160 20 -10.8 0.139 -9.000 -9.000 -999. 126. 22.4 0.0440 0.59 1.00 2.06 349.0 10.0 288.8 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
18 6 9 160 21 -14.7 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.59 1.00 2.47 65.0 10.0 286.4 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
18 6 9 160 22 -14.5 0.159 -9.000 -9.000 -999. 153. 28.0 0.0340 0.59 1.00 2.45 87.0 10.0 285.4 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
18 6 9 160 23 -10.4 0.134 -9.000 -9.000 -999. 118. 21.1 0.0370 0.59 1.00 2.06 41.0 10.0 284.2 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
18 6 9 160 24 -6.1 0.102 -9.000 -9.000 -999. 79. 16.0 0.0440 0.59 1.00 1.55 346.0 10.0 282.5 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
18 6 10 161 1 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.59 1.00 1.91 311.0 10.0 282.5 2.0 0
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18 6 10 161 2 -5.3 0.095 -9.000 -9.000 -999. 70. 14.6 0.0380 0.59 1.00 1.48 319.0 10.0 281.4 2.0 0
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18 6 10 161 3 -8.7 0.122 -9.000 -9.000 -999. 102. 19.0 0.0380 0.59 1.00 1.88 320.0 10.0 281.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
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0.00 85. 1013. 0 ADJ-A1 NoSubs
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0.00 82. 1013. 0 ADJ-A1 NoSubs
18 6 10 161 7 34.2 0.156 0.688 0.010 343. 148. -10.0 0.0440 0.59 0.27 1.69 348.0 10.0 285.4 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
18 6 10 161 8 84.1 0.140 1.057 0.011 508. 126. -3.0 0.0340 0.59 0.20 1.38 69.0 10.0 287.0 2.0 0
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18 6 10 161 9 128.4 0.171 1.248 0.009 547. 170. -3.5 0.0390 0.59 0.18 1.67 139.0 10.0 289.2 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
18 6 10 161 10 164.6 0.210 1.394 0.008 596. 231. -5.1 0.0420 0.59 0.17 2.11 157.0 10.0 292.5 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
18 6 10 161 11 189.3 0.319 1.534 0.006 690. 433. -15.6 0.0280 0.59 0.17 3.98 202.0 10.0 292.5 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
18 6 10 161 12 202.6 0.313 1.708 0.006 890. 421. -13.7 0.0280 0.59 0.17 3.86 195.0 10.0 293.8 2.0 0
0.00 44. 1013. 0 ADJ-A1 NoSubs
18 6 10 161 13 204.3 0.237 1.790 0.005 1015. 279. -5.9 0.0390 0.59 0.17 2.47 145.0 10.0 295.4 2.0 0
0.00 39. 1012. 0 ADJ-A1 NoSubs
18 6 10 161 14 195.0 0.251 1.825 0.006 1125. 302. -7.3 0.0390 0.59 0.17 2.70 129.0 10.0 297.5 2.0 0

0.00 32. 1011. 0 ADJ-A1 NoSubs
18 6 10 161 15 172.7 0.354 1.822 0.008 1266. 504. -23.1 0.0420 0.59 0.17 4.20 173.0 10.0 297.5 2.0 0
0.00 32. 1011. 0 ADJ-A1 NoSubs
18 6 10 161 16 139.9 0.280 1.752 0.009 1389. 357. -14.1 0.0420 0.59 0.18 3.17 167.0 10.0 298.1 2.0 0
0.00 30. 1010. 0 ADJ-A1 NoSubs
18 6 10 161 17 96.9 0.343 1.574 0.009 1451. 482. -37.5 0.0390 0.59 0.19 4.29 120.0 10.0 295.9 2.0 0
0.00 38. 1010. 0 ADJ-A1 NoSubs
18 6 10 161 18 47.3 0.389 1.244 0.009 1466. 582. -111.8 0.0360 0.59 0.25 5.22 92.0 10.0 293.8 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
18 6 10 161 19 -3.2 0.254 -9.000 -9.000 -999. 320. 464.0 0.0360 0.59 0.40 3.63 103.0 10.0 290.4 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
18 6 10 161 20 -21.0 0.214 -9.000 -9.000 -999. 238. 50.4 0.0360 0.59 1.00 3.20 106.0 10.0 288.1 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
18 6 10 161 21 -16.9 0.174 -9.000 -9.000 -999. 174. 33.2 0.0390 0.59 1.00 2.59 132.0 10.0 285.9 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
18 6 10 161 22 -6.1 0.102 -9.000 -9.000 -999. 80. 15.9 0.0370 0.59 1.00 1.60 47.0 10.0 285.9 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
18 6 10 161 23 -8.4 0.120 -9.000 -9.000 -999. 100. 18.7 0.0340 0.59 1.00 1.89 84.0 10.0 284.9 2.0 0
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18 6 10 161 24 -6.0 0.102 -9.000 -9.000 -999. 79. 16.0 0.0440 0.59 1.00 1.55 351.0 10.0 284.2 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
18 6 11 162 1 -5.6 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.59 1.00 1.52 327.0 10.0 283.8 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
18 6 11 162 2 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0380 0.59 1.00 1.38 319.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 6 11 162 3 -6.8 0.107 -9.000 -9.000 -999. 85. 16.4 0.0320 0.59 1.00 1.72 299.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 6 11 162 4 -7.1 0.110 -9.000 -9.000 -999. 88. 17.1 0.0380 0.59 1.00 1.71 311.0 10.0 282.5 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
18 6 11 162 5 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0380 0.59 1.00 1.77 319.0 10.0 282.0 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 6 11 162 6 -3.3 0.087 -9.000 -9.000 -999. 62. 18.4 0.0380 0.59 0.47 1.35 322.0 10.0 284.2 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
18 6 11 162 7 34.5 0.114 0.645 0.018 280. 92. -3.9 0.0370 0.59 0.27 1.14 45.0 10.0 286.4 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
18 6 11 162 8 84.6 0.126 0.921 0.017 333. 108. -2.1 0.0360 0.59 0.20 1.16 118.0 10.0 288.8 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
18 6 11 162 9 129.1 0.158 1.183 0.016 461. 150. -2.7 0.0390 0.59 0.18 1.48 132.0 10.0 291.4 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
18 6 11 162 10 165.2 0.224 1.424 0.018 629. 254. -6.1 0.0280 0.59 0.17 2.53 182.0 10.0 294.2 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
18 6 11 162 11 190.2 0.295 1.529 0.016 677. 384. -12.1 0.0280 0.59 0.17 3.59 201.0 10.0 294.9 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
18 6 11 162 12 203.1 0.318 1.583 0.015 703. 430. -14.2 0.0280 0.59 0.17 3.93 189.0 10.0 294.9 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
18 6 11 162 13 204.7 0.304 1.606 0.013 729. 403. -12.4 0.0280 0.59 0.17 3.71 184.0 10.0 295.9 2.0 0
0.00 43. 1007. 0 ADJ-A1 NoSubs
18 6 11 162 14 194.7 0.322 1.597 0.011 753. 438. -15.4 0.0420 0.59 0.17 3.68 159.0 10.0 296.4 2.0 0
0.00 45. 1007. 0 ADJ-A1 NoSubs
18 6 11 162 15 172.4 0.330 1.598 0.011 850. 455. -18.7 0.0420 0.59 0.17 3.85 154.0 10.0 296.4 2.0 0
0.00 47. 1006. 0 ADJ-A1 NoSubs
18 6 11 162 16 138.9 0.339 1.535 0.010 936. 474. -25.2 0.0390 0.59 0.18 4.12 149.0 10.0 295.4 2.0 0
0.00 54. 1006. 0 ADJ-A1 NoSubs
18 6 11 162 17 95.9 0.330 1.371 0.010 965. 454. -33.5 0.0420 0.59 0.19 4.03 155.0 10.0 292.5 2.0 0

0.00 65. 1005. 0 ADJ-A1 NoSubs
18 6 11 162 18 46.8 0.283 1.084 0.009 978. 362. -43.3 0.0390 0.59 0.24 3.57 145.0 10.0 290.9 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
18 6 11 162 19 -3.3 0.251 -9.000 -9.000 -999. 303. 434.5 0.0420 0.59 0.40 3.49 156.0 10.0 288.8 2.0 0
0.00 77. 1005. 0 ADJ-A1 NoSubs
18 6 11 162 20 -17.1 0.173 -9.000 -9.000 -999. 176. 33.1 0.0280 0.59 1.00 2.74 187.0 10.0 285.9 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
18 6 11 162 21 -4.2 0.087 -9.000 -9.000 -999. 64. 13.7 0.0450 0.59 1.00 1.30 234.0 10.0 286.4 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
18 6 11 162 22 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0320 0.59 1.00 1.20 270.0 10.0 284.9 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 6 11 162 23 -2.3 0.066 -9.000 -9.000 -999. 41. 11.5 0.0320 0.59 1.00 0.94 273.0 10.0 284.9 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 6 11 162 24 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0380 0.59 1.00 0.94 305.0 10.0 285.4 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
18 6 12 163 1 -2.1 0.065 -9.000 -9.000 -999. 40. 11.6 0.0320 0.59 1.00 0.89 280.0 10.0 284.2 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
18 6 12 163 2 -1.6 0.061 -9.000 -9.000 -999. 36. 13.1 0.0380 0.59 1.00 0.69 322.0 10.0 284.2 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
18 6 12 163 3 -2.6 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.59 1.00 1.01 303.0 10.0 284.2 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
18 6 12 163 4 -1.9 0.064 -9.000 -9.000 -999. 39. 12.7 0.0440 0.59 1.00 0.77 333.0 10.0 283.8 2.0 0
0.00 92. 1004. 0 ADJ-A1 NoSubs
18 6 12 163 5 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.59 1.00 0.96 259.0 10.0 283.1 2.0 0
0.00 92. 1005. 5 ADJ-A1 NoSubs
18 6 12 163 6 -0.8 0.047 -9.000 -9.000 -999. 25. 11.8 0.0320 0.59 0.47 0.63 292.0 10.0 284.9 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
18 6 12 163 7 34.8 0.092 0.547 0.029 169. 67. -2.0 0.0390 0.59 0.27 0.82 120.0 10.0 287.5 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
18 6 12 163 8 85.2 0.125 0.814 0.027 227. 106. -2.0 0.0390 0.59 0.20 1.11 131.0 10.0 290.9 2.0 0
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18 6 12 163 9 130.1 0.184 1.042 0.023 312. 189. -4.3 0.0390 0.59 0.18 1.84 141.0 10.0 294.2 2.0 0
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18 6 12 163 10 166.3 0.207 1.225 0.020 397. 226. -4.8 0.0420 0.59 0.17 2.06 163.0 10.0 297.0 2.0 0
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18 6 12 163 11 191.9 0.290 1.366 0.016 477. 375. -11.4 0.0280 0.59 0.17 3.51 183.0 10.0 298.8 2.0 0
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18 6 12 163 12 205.5 0.315 1.440 0.013 522. 423. -13.6 0.0280 0.59 0.17 3.87 189.0 10.0 300.4 2.0 0
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18 6 12 163 13 205.2 0.477 1.472 0.005 558. 790. -47.3 0.0420 0.59 0.17 5.96 173.0 10.0 297.0 2.0 0
0.00 49. 1005. 0 ADJ-SFC NoSubs
18 6 12 163 14 194.4 0.367 1.473 0.007 590. 543. -22.8 0.0420 0.59 0.17 4.36 165.0 10.0 295.4 2.0 0
0.00 52. 1005. 0 ADJ-SFC NoSubs
18 6 12 163 15 171.1 0.398 1.438 0.005 623. 602. -33.0 0.0420 0.59 0.17 4.86 151.0 10.0 292.5 2.0 0
0.00 65. 1005. 0 ADJ-SFC NoSubs
18 6 12 163 16 137.4 0.393 1.377 0.005 681. 592. -39.6 0.0420 0.59 0.18 4.86 162.0 10.0 290.4 2.0 0
0.00 72. 1004. 0 ADJ-SFC NoSubs
18 6 12 163 17 95.3 0.314 1.242 0.005 720. 426. -29.1 0.0390 0.59 0.19 3.86 129.0 10.0 289.9 2.0 0
0.00 72. 1004. 0 ADJ-SFC NoSubs
18 6 12 163 18 46.8 0.404 0.991 0.005 745. 615. -125.8 0.0390 0.59 0.24 5.36 134.0 10.0 289.9 2.0 0
0.00 72. 1004. 0 ADJ-SFC NoSubs
18 6 12 163 19 -2.9 0.239 -9.000 -9.000 -999. 300. 416.0 0.0390 0.59 0.40 3.36 144.0 10.0 288.1 2.0 0
0.00 80. 1004. 0 ADJ-SFC NoSubs
18 6 12 163 20 -13.5 0.155 -9.000 -9.000 -999. 150. 26.4 0.0360 0.59 1.00 2.36 110.0 10.0 287.0 2.0 0

0.00 83. 1004. 0 ADJ-SFC NoSubs
18 6 12 163 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.0 2.0
0 0.00 80. 1005. 0 ADJ-SFC NoSubs
18 6 12 163 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 83. 1005. 0 ADJ-SFC NoSubs
18 6 12 163 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 86. 1005. 0 ADJ-SFC NoSubs
18 6 12 163 24 -1.7 0.061 -9.000 -9.000 -999. 36. 12.0 0.0280 0.59 1.00 0.77 208.0 10.0 284.2 2.0 0
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18 6 13 164 1 -6.7 0.106 -9.000 -9.000 -999. 83. 16.0 0.0280 0.59 1.00 1.74 200.0 10.0 282.0 2.0 0
0.00 100. 1005. 10 ADJ-A1 NoSubs
18 6 13 164 2 -4.0 0.083 -9.000 -9.000 -999. 58. 13.1 0.0420 0.59 1.00 1.26 151.0 10.0 283.1 2.0 0
0.00 96. 1004. 0 ADJ-A1 NoSubs
18 6 13 164 3 -2.6 0.070 -9.000 -9.000 -999. 45. 12.1 0.0440 0.59 1.00 0.97 359.0 10.0 283.1 2.0 0
0.00 96. 1004. 7 ADJ-A1 NoSubs
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0.00 96. 1004. 10 ADJ-A1 NoSubs
18 6 13 164 5 -8.8 0.124 -9.000 -9.000 -999. 104. 19.3 0.0370 0.59 1.00 1.91 48.0 10.0 284.2 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
18 6 13 164 6 -7.9 0.129 -9.000 -9.000 -999. 111. 24.6 0.0340 0.59 0.47 1.99 89.0 10.0 284.2 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
18 6 13 164 7 6.4 0.117 0.282 0.028 126. 96. -22.5 0.0340 0.59 0.27 1.45 71.0 10.0 284.9 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 6 13 164 8 18.8 0.154 0.456 0.029 180. 146. -17.6 0.0370 0.59 0.20 1.84 59.0 10.0 285.1 2.0 0
0.00 93. 1005. 10 ADJ-A1 NoSubs
18 6 13 164 9 30.3 0.128 0.574 0.029 223. 110. -6.2 0.0280 0.59 0.18 1.45 188.0 10.0 287.5 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
18 6 13 164 10 163.9 0.180 1.185 0.031 365. 183. -3.2 0.0420 0.59 0.17 1.69 152.0 10.0 290.4 2.0 0
0.00 72. 1005. 0 ADJ-A1 NoSubs
18 6 13 164 11 189.6 0.235 1.278 0.027 395. 274. -6.2 0.0390 0.59 0.17 2.47 142.0 10.0 293.1 2.0 0
0.00 62. 1005. 0 ADJ-A1 NoSubs
18 6 13 164 12 202.9 0.325 1.328 0.017 414. 444. -15.1 0.0420 0.59 0.17 3.71 175.0 10.0 294.2 2.0 0
0.00 58. 1005. 0 ADJ-A1 NoSubs
18 6 13 164 13 203.8 0.347 1.350 0.015 433. 489. -18.3 0.0420 0.59 0.17 4.03 174.0 10.0 293.1 2.0 0
0.00 62. 1005. 0 ADJ-A1 NoSubs
18 6 13 164 14 193.7 0.335 1.359 0.015 465. 466. -17.4 0.0420 0.59 0.17 3.88 168.0 10.0 293.1 2.0 0
0.00 58. 1005. 0 ADJ-A1 NoSubs
18 6 13 164 15 171.7 0.324 1.409 0.014 584. 443. -17.8 0.0420 0.59 0.17 3.76 153.0 10.0 293.8 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
18 6 13 164 16 138.8 0.357 1.340 0.014 622. 512. -29.4 0.0390 0.59 0.18 4.39 149.0 10.0 293.8 2.0 0
0.00 58. 1004. 0 ADJ-A1 NoSubs
18 6 13 164 17 96.3 0.359 1.201 0.013 645. 516. -43.0 0.0390 0.59 0.19 4.53 132.0 10.0 292.0 2.0 0
0.00 64. 1004. 0 ADJ-A1 NoSubs
18 6 13 164 18 47.2 0.359 0.952 0.013 655. 516. -87.6 0.0390 0.59 0.24 4.70 130.0 10.0 290.4 2.0 0
0.00 72. 1004. 0 ADJ-A1 NoSubs
18 6 13 164 19 -2.7 0.267 -9.000 -9.000 -999. 336. 635.9 0.0390 0.59 0.40 3.74 124.0 10.0 288.8 2.0 0
0.00 77. 1004. 0 ADJ-A1 NoSubs
18 6 13 164 20 -23.8 0.243 -9.000 -9.000 -999. 287. 64.8 0.0360 0.59 1.00 3.61 112.0 10.0 286.4 2.0 0
0.00 86. 1004. 0 ADJ-A1 NoSubs
18 6 13 164 21 -20.6 0.209 -9.000 -9.000 -999. 230. 48.1 0.0360 0.59 1.00 3.13 101.0 10.0 285.9 2.0 0
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18 6 13 164 22 -16.5 0.171 -9.000 -9.000 -999. 171. 32.3 0.0340 0.59 1.00 2.62 79.0 10.0 285.4 2.0 0
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18 6 13 164 23 -10.5 0.136 -9.000 -9.000 -999. 120. 21.4 0.0370 0.59 1.00 2.08 53.0 10.0 285.4 2.0 0

0.00 92. 1005. 10 ADJ-A1 NoSubs
18 6 13 164 24 -8.6 0.122 -9.000 -9.000 -999. 103. 19.1 0.0370 0.59 1.00 1.89 54.0 10.0 284.9 2.0 0
0.00 92. 1005. 5 ADJ-A1 NoSubs
18 6 14 165 1 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0370 0.59 1.00 1.77 48.0 10.0 285.4 2.0 0
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18 6 14 165 3 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0370 0.59 1.00 1.45 43.0 10.0 284.9 2.0 0
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18 6 14 165 7 6.4 0.127 0.357 0.031 257. 109. -29.0 0.0360 0.59 0.27 1.59 100.0 10.0 284.9 2.0 0
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18 6 14 165 8 19.0 0.093 0.569 0.034 348. 68. -3.8 0.0280 0.59 0.20 0.99 186.0 10.0 285.9 2.0 0
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18 6 14 165 9 30.2 0.167 0.693 0.034 395. 164. -13.8 0.0420 0.59 0.18 1.89 155.0 10.0 287.0 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
18 6 14 165 10 39.0 0.233 0.787 0.033 448. 270. -29.0 0.0390 0.59 0.17 2.86 143.0 10.0 287.0 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
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0.00 74. 1006. 10 ADJ-A1 NoSubs
18 6 14 165 12 204.5 0.285 1.504 0.032 598. 364. -10.1 0.0420 0.59 0.17 3.12 150.0 10.0 291.4 2.0 0
0.00 67. 1006. 3 ADJ-A1 NoSubs
18 6 14 165 13 203.3 0.360 1.522 0.030 623. 519. -20.6 0.0280 0.59 0.17 4.60 186.0 10.0 291.4 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
18 6 14 165 14 193.3 0.366 1.506 0.027 634. 531. -22.7 0.0280 0.59 0.17 4.71 207.0 10.0 291.4 2.0 0
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18 6 14 165 15 170.9 0.374 1.453 0.025 644. 549. -27.4 0.0280 0.59 0.17 4.88 205.0 10.0 290.9 2.0 0
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18 6 14 165 16 137.9 0.366 1.358 0.024 651. 532. -31.9 0.0280 0.59 0.18 4.83 204.0 10.0 290.4 2.0 0
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18 6 14 165 17 95.6 0.379 1.205 0.023 656. 561. -51.1 0.0450 0.59 0.19 4.70 222.0 10.0 288.8 2.0 0
0.00 71. 1004. 0 ADJ-A1 NoSubs
18 6 14 165 18 51.2 0.314 0.980 0.022 659. 425. -54.1 0.0450 0.59 0.24 3.90 218.0 10.0 287.5 2.0 0
0.00 80. 1004. 3 ADJ-A1 NoSubs
18 6 14 165 19 4.7 0.242 0.442 0.022 659. 288. -271.4 0.0450 0.59 0.40 3.20 217.0 10.0 285.9 2.0 0
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18 6 14 165 20 -14.6 0.160 -9.000 -9.000 -999. 156. 28.1 0.0280 0.59 1.00 2.54 200.0 10.0 285.4 2.0 0
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18 6 14 165 21 -9.7 0.129 -9.000 -9.000 -999. 111. 19.8 0.0280 0.59 1.00 2.08 180.0 10.0 285.4 2.0 0
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18 6 14 165 22 -6.9 0.110 -9.000 -9.000 -999. 87. 17.2 0.0420 0.59 1.00 1.67 171.0 10.0 285.4 2.0 0
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18 6 14 165 24 -5.5 0.098 -9.000 -9.000 -999. 74. 15.4 0.0450 0.59 1.00 1.48 220.0 10.0 285.4 2.0 0
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18 6 15 166 1 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0280 0.59 1.00 1.69 181.0 10.0 285.4 2.0 0
0.00 86. 1004. 10 ADJ-A1 NoSubs
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18 6 15 166 3 -5.7 0.100 -9.000 -9.000 -999. 76. 15.6 0.0420 0.59 1.00 1.53 165.0 10.0 284.9 2.0 0
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18 6 15 166 5 -10.3 0.135 -9.000 -9.000 -999. 120. 21.5 0.0420 0.59 1.00 2.03 157.0 10.0 284.9 2.0 0
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18 6 15 166 6 -12.9 0.190 -9.000 -9.000 -999. 199. 48.0 0.0420 0.59 0.47 2.76 154.0 10.0 284.9 2.0 0
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18 6 15 166 8 18.8 0.223 0.536 0.029 292. 253. -52.9 0.0420 0.59 0.20 2.81 175.0 10.0 285.4 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
18 6 15 166 9 29.9 0.232 0.702 0.031 414. 269. -37.6 0.0280 0.59 0.18 3.10 187.0 10.0 285.9 2.0 0
0.00 82. 1005. 10 ADJ-A1 NoSubs
18 6 15 166 10 38.8 0.225 0.806 0.031 483. 256. -26.3 0.0280 0.59 0.17 2.93 197.0 10.0 286.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
18 6 15 166 11 45.2 0.240 0.886 0.032 553. 282. -27.3 0.0280 0.59 0.17 3.13 186.0 10.0 287.0 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
18 6 15 166 12 48.4 0.276 0.920 0.031 577. 348. -39.0 0.0280 0.59 0.17 3.69 202.0 10.0 287.0 2.0 0
0.00 77. 1005. 10 ADJ-A1 NoSubs
18 6 15 166 13 48.9 0.238 0.928 0.031 586. 279. -24.6 0.0280 0.59 0.17 3.08 208.0 10.0 287.5 2.0 0
0.00 77. 1005. 10 ADJ-A1 NoSubs
18 6 15 166 14 46.4 0.309 0.916 0.030 594. 412. -56.9 0.0450 0.59 0.17 3.85 216.0 10.0 287.5 2.0 0
0.00 77. 1004. 10 ADJ-A1 NoSubs
18 6 15 166 15 40.7 0.362 0.880 0.030 598. 523. -104.5 0.0450 0.59 0.17 4.65 214.0 10.0 287.0 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
18 6 15 166 16 32.5 0.340 0.818 0.029 601. 476. -108.1 0.0450 0.59 0.18 4.37 225.0 10.0 287.0 2.0 0
0.00 80. 1003. 10 ADJ-A1 NoSubs
18 6 15 166 17 22.1 0.300 0.720 0.029 603. 396. -109.5 0.0450 0.59 0.19 3.86 210.0 10.0 287.0 2.0 0
0.00 80. 1003. 10 ADJ-A1 NoSubs
18 6 15 166 18 9.8 0.228 0.550 0.029 604. 263. -107.8 0.0280 0.59 0.24 3.20 206.0 10.0 286.4 2.0 0
0.00 83. 1003. 10 ADJ-A1 NoSubs
18 6 15 166 19 -7.2 0.202 -9.000 -9.000 -999. 218. 102.2 0.0280 0.59 0.40 3.10 196.0 10.0 285.9 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
18 6 15 166 20 -16.4 0.173 -9.000 -9.000 -999. 172. 32.8 0.0420 0.59 1.00 2.54 151.0 10.0 285.9 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
18 6 15 166 21 -17.5 0.178 -9.000 -9.000 -999. 180. 34.9 0.0360 0.59 1.00 2.69 100.0 10.0 285.9 2.0 0
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18 6 15 166 22 -20.6 0.210 -9.000 -9.000 -999. 230. 48.3 0.0340 0.59 1.00 3.17 89.0 10.0 285.9 2.0 0
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18 6 15 166 23 -13.1 0.153 -9.000 -9.000 -999. 144. 25.7 0.0390 0.59 1.00 2.30 132.0 10.0 285.9 2.0 0
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18 6 15 166 24 -5.2 0.094 -9.000 -9.000 -999. 70. 14.2 0.0280 0.59 1.00 1.55 204.0 10.0 285.4 2.0 0
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18 6 16 167 1 -17.4 0.177 -9.000 -9.000 -999. 178. 34.4 0.0280 0.59 1.00 2.79 206.0 10.0 285.4 2.0 0
0.00 86. 1002. 10 ADJ-A1 NoSubs
18 6 16 167 2 -18.0 0.184 -9.000 -9.000 -999. 189. 37.1 0.0280 0.59 1.00 2.89 193.0 10.0 285.4 2.0 0
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18 6 16 167 3 -14.7 0.161 -9.000 -9.000 -999. 155. 28.4 0.0280 0.59 1.00 2.55 201.0 10.0 284.9 2.0 0
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0.00 92. 1002. 10 ADJ-A1 NoSubs
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0.00 96. 1002. 10 ADJ-A1 NoSubs
18 6 16 167 7 6.4 0.169 0.386 0.023 317. 167. -67.2 0.0280 0.59 0.27 2.33 197.0 10.0 285.4 2.0 11
0.30 96. 1002. 10 ADJ-A1 NoSubs
18 6 16 167 8 18.8 0.253 0.612 0.025 436. 306. -77.3 0.0280 0.59 0.20 3.51 186.0 10.0 285.4 2.0 0
0.00 100. 1003. 10 ADJ-A1 NoSubs
18 6 16 167 9 29.9 0.267 0.765 0.028 535. 331. -56.8 0.0280 0.59 0.18 3.64 202.0 10.0 285.9 2.0 0
0.00 92. 1003. 10 ADJ-A1 NoSubs
18 6 16 167 10 39.1 0.270 0.879 0.028 622. 337. -45.2 0.0280 0.59 0.17 3.64 205.0 10.0 287.5 2.0 0
0.00 83. 1003. 10 ADJ-A1 NoSubs
18 6 16 167 11 45.5 0.335 0.928 0.027 630. 466. -74.3 0.0450 0.59 0.17 4.24 213.0 10.0 288.1 2.0 0
0.00 77. 1003. 10 ADJ-A1 NoSubs
18 6 16 167 12 49.2 0.380 0.957 0.027 638. 562. -99.9 0.0450 0.59 0.17 4.87 218.0 10.0 289.9 2.0 0
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18 6 16 167 14 47.1 0.440 0.951 0.022 653. 699. -161.6 0.0450 0.59 0.17 5.73 226.0 10.0 289.9 2.0 0
0.00 66. 1003. 10 ADJ-A1 NoSubs
18 6 16 167 15 41.1 0.473 0.911 0.010 659. 781. -231.4 0.0450 0.59 0.17 6.23 228.0 10.0 288.1 2.0 0
0.00 74. 1004. 10 ADJ-A1 NoSubs
18 6 16 167 16 32.7 0.436 0.847 0.023 664. 692. -226.3 0.0450 0.59 0.18 5.73 229.0 10.0 287.5 2.0 0
0.00 77. 1004. 10 ADJ-A1 NoSubs
18 6 16 167 17 22.1 0.397 0.745 0.024 667. 602. -253.4 0.0360 0.59 0.19 5.46 241.0 10.0 287.0 2.0 0
0.00 80. 1003. 10 ADJ-A1 NoSubs
18 6 16 167 18 9.9 0.345 0.570 0.024 669. 488. -371.2 0.0450 0.59 0.24 4.58 239.0 10.0 286.4 2.0 0
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18 6 16 167 19 -8.5 0.244 -9.000 -9.000 -999. 295. 153.2 0.0360 0.59 0.39 3.56 248.0 10.0 285.9 2.0 0
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18 6 16 167 21 -19.0 0.193 -9.000 -9.000 -999. 203. 40.9 0.0360 0.59 1.00 2.90 259.0 10.0 285.9 2.0 0
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18 6 16 167 23 -17.8 0.181 -9.000 -9.000 -999. 184. 36.0 0.0450 0.59 1.00 2.62 227.0 10.0 285.4 2.0 0
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18 6 16 167 24 -16.0 0.169 -9.000 -9.000 -999. 167. 31.4 0.0360 0.59 1.00 2.56 256.0 10.0 285.4 2.0 0
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18 6 17 168 1 -17.8 0.180 -9.000 -9.000 -999. 184. 35.7 0.0360 0.59 1.00 2.72 266.0 10.0 285.4 2.0 0
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18 6 17 168 2 -7.7 0.116 -9.000 -9.000 -999. 96. 18.1 0.0380 0.59 1.00 1.79 300.0 10.0 285.4 2.0 0
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18 6 17 168 3 -2.6 0.070 -9.000 -9.000 -999. 45. 11.7 0.0370 0.59 1.00 1.01 23.0 10.0 285.4 2.0 0
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18 6 17 168 4 -3.3 0.078 -9.000 -9.000 -999. 52. 12.5 0.0440 0.59 1.00 1.14 342.0 10.0 285.4 2.0 0
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18 6 17 168 5 -3.5 0.079 -9.000 -9.000 -999. 53. 12.7 0.0450 0.59 1.00 1.16 226.0 10.0 285.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 6 17 168 6 -2.9 0.078 -9.000 -9.000 -999. 52. 14.8 0.0450 0.59 0.47 1.18 230.0 10.0 285.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 6 17 168 7 6.6 0.128 0.494 0.005 660. 110. -28.8 0.0450 0.59 0.27 1.53 215.0 10.0 285.9 2.0 0
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18 6 17 168 8 19.0 0.177 0.741 0.011 767. 178. -26.1 0.0280 0.59 0.20 2.30 197.0 10.0 286.4 2.0 0

0.00 80. 1008. 10 ADJ-A1 NoSubs
18 6 17 168 9 30.3 0.216 0.889 0.011 833. 240. -29.7 0.0280 0.59 0.18 2.83 201.0 10.0 287.5 2.0 0
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18 6 17 168 12 49.5 0.326 1.133 0.018 1056. 447. -63.0 0.0360 0.59 0.17 4.27 240.0 10.0 290.9 2.0 0
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18 6 17 168 14 193.8 0.441 1.836 0.019 1152. 702. -39.8 0.0360 0.59 0.17 5.62 250.0 10.0 292.0 2.0 0
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18 6 17 168 15 171.6 0.435 1.773 0.018 1172. 688. -43.1 0.0450 0.59 0.17 5.33 239.0 10.0 291.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
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0.00 86. 1011. 10 ADJ-A1 NoSubs
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0.00 86. 1011. 10 ADJ-A1 NoSubs
18 6 18 169 4 -3.0 0.073 -9.000 -9.000 -999. 48. 12.0 0.0390 0.59 1.00 1.08 143.0 10.0 287.0 2.0 0
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18 6 18 169 6 -4.7 0.100 -9.000 -9.000 -999. 76. 19.5 0.0370 0.59 0.47 1.55 41.0 10.0 287.5 2.0 0
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18 6 18 169 8 88.5 0.156 1.121 0.022 575. 149. -3.9 0.0280 0.59 0.20 1.67 194.0 10.0 289.9 2.0 0
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18 6 18 169 11 189.2 0.439 1.558 0.016 723. 698. -40.4 0.0450 0.59 0.17 5.36 231.0 10.0 292.0 2.0 0

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0.00 67. 1012. 0 ADJ-A1 NoSubs
18 6 18 169 13 203.7 0.401 1.633 0.012 773. 612. -28.6 0.0450 0.59 0.17 4.78 236.0 10.0 292.0 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 6 18 169 14 194.0 0.353 1.623 0.010 797. 506. -20.5 0.0450 0.59 0.17 4.09 234.0 10.0 292.5 2.0 0
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0.00 54. 1011. 0 ADJ-A1 NoSubs
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0 0.00 999. 1009. 10 ADJ-A1 NoSubs
18 6 22 173 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0360 0.59 0.47 1.21 242.0 10.0 999.0 -9.0
0 0.00 999. 1009. 10 ADJ-A1 NoSubs
18 6 22 173 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0360 0.59 0.27 0.99 259.0 10.0 999.0 -9.0
0 0.00 999. 1009. 10 ADJ-A1 NoSubs
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0.00 89. 1004. 0 ADJ-A1 NoSubs
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18 6 23 174 4 -3.1 0.074 -9.000 -9.000 -999. 48. 11.7 0.0320 0.59 1.00 1.14 279.0 10.0 283.1 2.0 0
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18 6 23 174 5 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.59 1.00 1.45 320.0 10.0 283.1 2.0 0
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18 6 23 174 13 204.8 0.428 1.419 0.006 500. 672. -34.2 0.0420 0.59 0.17 5.24 165.0 10.0 294.9 2.0 0
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0.00 60. 1004. 0 ADJ-A1 NoSubs
18 6 23 174 15 172.3 0.404 1.493 0.006 692. 617. -34.3 0.0420 0.59 0.17 4.95 166.0 10.0 291.4 2.0 0
0.00 67. 1004. 0 ADJ-A1 NoSubs
18 6 23 174 16 139.6 0.368 1.466 0.005 809. 538. -32.1 0.0420 0.59 0.18 4.49 171.0 10.0 290.9 2.0 0
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18 6 23 174 17 97.8 0.344 1.316 0.005 836. 486. -37.4 0.0280 0.59 0.19 4.59 185.0 10.0 289.9 2.0 0
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18 6 23 174 18 52.7 0.323 1.077 0.005 848. 441. -57.4 0.0450 0.59 0.24 4.03 213.0 10.0 288.1 2.0 0
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18 6 23 174 20 -17.7 0.181 -9.000 -9.000 -999. 186. 36.0 0.0450 0.59 1.00 2.62 221.0 10.0 287.0 2.0 0
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18 6 23 174 21 -12.8 0.152 -9.000 -9.000 -999. 142. 25.4 0.0450 0.59 1.00 2.23 239.0 10.0 286.4 2.0 0
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18 6 23 174 22 -7.1 0.110 -9.000 -9.000 -999. 88. 17.0 0.0320 0.59 1.00 1.76 279.0 10.0 287.0 2.0 0
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0.00 89. 1004. 10 ADJ-A1 NoSubs
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0.00 89. 1004. 10 ADJ-A1 NoSubs
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0.00 89. 1005. 10 ADJ-A1 NoSubs
18 6 24 175 6 -11.6 0.174 -9.000 -9.000 -999. 175. 41.2 0.0360 0.59 0.47 2.61 264.0 10.0 287.5 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
18 6 24 175 7 6.8 0.240 0.323 0.035 177. 282. -180.6 0.0360 0.59 0.27 3.27 251.0 10.0 288.1 2.0 0
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18 6 24 175 9 30.8 0.362 0.554 0.022 198. 523. -138.5 0.0360 0.59 0.18 4.90 252.0 10.0 290.4 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
18 6 24 175 10 134.3 0.422 0.975 0.012 248. 658. -50.4 0.0360 0.59 0.17 5.46 246.0 10.0 292.5 2.0 0
0.00 67. 1007. 7 ADJ-A1 NoSubs
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0.00 75. 1008. 10 ADJ-A1 NoSubs
18 6 24 175 12 49.7 0.394 0.764 0.018 323. 594. -110.8 0.0360 0.59 0.17 5.29 259.0 10.0 291.4 2.0 0
0.00 75. 1008. 10 ADJ-A1 NoSubs
18 6 24 175 13 50.1 0.346 0.791 0.025 356. 489. -74.1 0.0360 0.59 0.17 4.56 256.0 10.0 291.4 2.0 0
0.00 75. 1008. 10 ADJ-A1 NoSubs
18 6 24 175 14 48.1 0.321 0.802 0.030 386. 437. -61.9 0.0360 0.59 0.17 4.20 258.0 10.0 292.5 2.0 0
0.00 70. 1008. 10 ADJ-A1 NoSubs
18 6 24 175 15 42.6 0.389 0.786 0.019 410. 582. -124.0 0.0360 0.59 0.17 5.24 256.0 10.0 292.5 2.0 0
0.00 70. 1008. 10 ADJ-A1 NoSubs
18 6 24 175 16 34.2 0.371 0.741 0.020 427. 544. -134.9 0.0360 0.59 0.18 5.02 255.0 10.0 291.4 2.0 0
0.00 75. 1008. 10 ADJ-A1 NoSubs
18 6 24 175 17 23.6 0.323 0.661 0.029 439. 442. -128.3 0.0360 0.59 0.19 4.36 261.0 10.0 290.9 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
18 6 24 175 18 11.2 0.330 0.518 0.029 444. 454. -286.2 0.0360 0.59 0.24 4.54 249.0 10.0 289.9 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
18 6 24 175 19 -4.9 0.253 -9.000 -9.000 -999. 309. 299.8 0.0360 0.59 0.39 3.64 255.0 10.0 289.2 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
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0.00 83. 1008. 10 ADJ-A1 NoSubs
18 6 24 175 21 -18.6 0.190 -9.000 -9.000 -999. 200. 39.8 0.0360 0.59 1.00 2.86 245.0 10.0 289.2 2.0 0
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18 6 24 175 22 -16.6 0.173 -9.000 -9.000 -999. 172. 32.8 0.0360 0.59 1.00 2.61 262.0 10.0 289.2 2.0 0
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18 6 24 175 23 -15.2 0.165 -9.000 -9.000 -999. 161. 29.9 0.0360 0.59 1.00 2.50 241.0 10.0 289.2 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
18 6 24 175 24 -12.5 0.149 -9.000 -9.000 -999. 138. 24.5 0.0360 0.59 1.00 2.28 247.0 10.0 289.2 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
18 6 25 176 1 -11.9 0.145 -9.000 -9.000 -999. 132. 23.1 0.0360 0.59 1.00 2.22 242.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 6 25 176 2 -7.9 0.118 -9.000 -9.000 -999. 98. 18.9 0.0450 0.59 1.00 1.77 220.0 10.0 288.8 2.0 0
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18 6 25 176 3 -4.4 0.088 -9.000 -9.000 -999. 63. 14.0 0.0450 0.59 1.00 1.33 231.0 10.0 288.8 2.0 0
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0.00 89. 1009. 10 ADJ-A1 NoSubs
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0.00 89. 1010. 10 ADJ-A1 NoSubs
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0.00 86. 1011. 10 ADJ-A1 NoSubs
18 6 25 176 9 30.5 0.309 0.743 0.027 486. 411. -87.0 0.0450 0.59 0.18 3.93 229.0 10.0 289.2 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
18 6 25 176 10 39.5 0.299 0.831 0.032 524. 393. -61.1 0.0360 0.59 0.17 3.91 242.0 10.0 289.9 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
18 6 25 176 11 46.0 0.307 0.896 0.037 564. 409. -56.9 0.0450 0.59 0.17 3.83 226.0 10.0 290.4 2.0 0
0.00 72. 1011. 10 ADJ-A1 NoSubs
18 6 25 176 12 49.5 0.312 0.940 0.039 605. 418. -55.2 0.0450 0.59 0.17 3.88 230.0 10.0 290.9 2.0 0
0.00 72. 1011. 10 ADJ-A1 NoSubs
18 6 25 176 13 50.1 0.373 0.966 0.041 649. 546. -93.1 0.0450 0.59 0.17 4.76 216.0 10.0 291.4 2.0 0
0.00 67. 1011. 10 ADJ-A1 NoSubs
18 6 25 176 14 158.0 0.395 1.541 0.043 837. 595. -35.1 0.0280 0.59 0.17 5.24 208.0 10.0 292.0 2.0 0
0.00 64. 1011. 7 ADJ-A1 NoSubs
18 6 25 176 15 175.2 0.339 1.605 0.041 852. 476. -20.0 0.0280 0.59 0.17 4.32 198.0 10.0 290.9 2.0 0
0.00 69. 1010. 3 ADJ-A1 NoSubs
18 6 25 176 16 139.7 0.327 1.496 0.040 864. 448. -22.5 0.0280 0.59 0.18 4.20 204.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 6 25 176 17 98.2 0.316 1.335 0.039 872. 426. -28.9 0.0280 0.59 0.19 4.14 204.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 6 25 176 18 49.5 0.318 1.064 0.039 876. 431. -58.5 0.0450 0.59 0.24 3.97 212.0 10.0 288.8 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
18 6 25 176 19 6.7 0.265 0.546 0.039 876. 328. -249.6 0.0450 0.59 0.39 3.49 221.0 10.0 287.0 2.0 0
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18 6 25 176 20 -15.0 0.165 -9.000 -9.000 -999. 165. 29.8 0.0450 0.59 1.00 2.40 216.0 10.0 286.4 2.0 0
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18 6 25 176 21 -5.5 0.098 -9.000 -9.000 -999. 75. 15.4 0.0450 0.59 1.00 1.48 218.0 10.0 286.4 2.0 0
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18 6 25 176 22 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0340 0.59 1.00 1.25 75.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 6 25 176 23 -3.6 0.080 -9.000 -9.000 -999. 54. 12.5 0.0360 0.59 1.00 1.23 115.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 6 25 176 24 -8.1 0.120 -9.000 -9.000 -999. 99. 18.9 0.0420 0.59 1.00 1.81 163.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 6 26 177 1 -2.6 0.069 -9.000 -9.000 -999. 44. 11.6 0.0340 0.59 1.00 1.01 84.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 6 26 177 2 -2.3 0.067 -9.000 -9.000 -999. 42. 11.7 0.0360 0.59 1.00 0.94 118.0 10.0 285.9 2.0 0
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18 6 26 177 3 -4.3 0.087 -9.000 -9.000 -999. 62. 13.8 0.0450 0.59 1.00 1.31 214.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 6 26 177 4 -6.3 0.105 -9.000 -9.000 -999. 81. 16.4 0.0420 0.59 1.00 1.60 166.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 6 26 177 5 -4.6 0.089 -9.000 -9.000 -999. 64. 13.9 0.0390 0.59 1.00 1.38 147.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 6 26 177 6 -2.3 0.068 -9.000 -9.000 -999. 43. 12.8 0.0420 0.59 0.48 1.03 155.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 6 26 177 7 6.0 0.127 0.362 0.035 281. 109. -30.7 0.0390 0.59 0.27 1.57 121.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 6 26 177 8 18.6 0.106 0.547 0.035 316. 83. -5.8 0.0420 0.59 0.20 1.09 158.0 10.0 285.9 2.0 0

0.00 96. 1010. 10 ADJ-A1 NoSubs
18 6 26 177 9 29.7 0.131 0.671 0.035 366. 114. -6.8 0.0360 0.59 0.18 1.42 265.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 6 26 177 10 39.0 0.170 0.771 0.035 423. 169. -11.4 0.0280 0.59 0.17 2.06 191.0 10.0 288.1 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 6 26 177 11 45.5 0.277 0.837 0.035 465. 350. -42.1 0.0420 0.59 0.17 3.44 177.0 10.0 288.8 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
18 6 26 177 12 204.4 0.323 1.412 0.031 496. 440. -14.8 0.0280 0.59 0.17 4.00 190.0 10.0 291.4 2.0 0
0.00 67. 1010. 3 ADJ-A1 NoSubs
18 6 26 177 13 203.8 0.352 1.430 0.028 517. 502. -19.4 0.0280 0.59 0.17 4.48 197.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 6 26 177 14 194.3 0.352 1.425 0.026 537. 501. -20.2 0.0280 0.59 0.17 4.49 203.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 6 26 177 15 172.7 0.370 1.384 0.023 554. 539. -26.3 0.0280 0.59 0.17 4.81 196.0 10.0 292.0 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 6 26 177 16 140.1 0.334 1.301 0.021 567. 465. -24.0 0.0280 0.59 0.18 4.32 204.0 10.0 291.4 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
18 6 26 177 17 98.2 0.330 1.162 0.020 575. 455. -32.9 0.0280 0.59 0.19 4.36 204.0 10.0 289.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 6 26 177 18 49.7 0.278 0.928 0.019 579. 352. -38.8 0.0280 0.59 0.24 3.71 203.0 10.0 288.8 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
18 6 26 177 19 0.1 0.216 0.122 0.019 579. 242. -8041.4 0.0280 0.59 0.38 3.17 208.0 10.0 287.0 2.0 0
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18 6 26 177 20 -12.3 0.146 -9.000 -9.000 -999. 135. 23.4 0.0280 0.59 1.00 2.33 196.0 10.0 285.4 2.0 0
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18 6 26 177 22 -11.1 0.140 -9.000 -9.000 -999. 126. 22.1 0.0360 0.59 1.00 2.15 114.0 10.0 286.4 2.0 0
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18 6 26 177 23 -11.5 0.142 -9.000 -9.000 -999. 128. 22.4 0.0340 0.59 1.00 2.20 72.0 10.0 286.4 2.0 0
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18 6 26 177 24 -14.0 0.158 -9.000 -9.000 -999. 150. 27.3 0.0360 0.59 1.00 2.40 102.0 10.0 285.9 2.0 0
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18 6 27 178 1 -13.4 0.154 -9.000 -9.000 -999. 145. 26.0 0.0340 0.59 1.00 2.37 77.0 10.0 285.9 2.0 0
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18 6 27 178 2 -13.4 0.154 -9.000 -9.000 -999. 145. 26.1 0.0360 0.59 1.00 2.35 94.0 10.0 285.4 2.0 0
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18 6 27 178 3 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0370 0.59 1.00 1.77 36.0 10.0 285.9 2.0 0
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18 6 27 178 4 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0370 0.59 1.00 1.55 30.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 6 27 178 5 -6.5 0.106 -9.000 -9.000 -999. 83. 16.7 0.0450 0.59 1.00 1.60 216.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 6 27 178 6 -11.2 0.158 -9.000 -9.000 -999. 151. 31.8 0.0280 0.59 0.48 2.49 200.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 6 27 178 7 6.0 0.134 0.435 0.036 495. 118. -36.5 0.0280 0.59 0.27 1.79 186.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 6 27 178 8 18.4 0.140 0.635 0.036 502. 125. -13.4 0.0280 0.59 0.20 1.72 195.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 6 27 178 9 29.6 0.133 0.750 0.035 512. 116. -7.1 0.0280 0.59 0.18 1.53 206.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 6 27 178 10 38.8 0.194 0.827 0.035 526. 205. -17.0 0.0450 0.59 0.17 2.21 210.0 10.0 287.5 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
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0.00 77. 1010. 10 ADJ-A1 NoSubs
18 6 27 178 12 49.1 0.271 0.913 0.034 558. 339. -36.6 0.0280 0.59 0.17 3.61 195.0 10.0 289.9 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
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0.00 72. 1010. 10 ADJ-A1 NoSubs
18 6 27 178 14 47.2 0.330 0.919 0.033 591. 454. -68.3 0.0280 0.59 0.17 4.54 209.0 10.0 289.9 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
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0.00 74. 1010. 10 ADJ-A1 NoSubs
18 6 27 178 16 33.4 0.350 0.830 0.033 615. 497. -115.5 0.0450 0.59 0.18 4.51 220.0 10.0 288.8 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
18 6 27 178 17 22.7 0.320 0.732 0.033 619. 435. -129.6 0.0450 0.59 0.19 4.14 216.0 10.0 287.5 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
18 6 27 178 18 10.6 0.266 0.567 0.033 621. 330. -160.0 0.0280 0.59 0.24 3.78 208.0 10.0 287.0 2.0 0
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18 6 27 178 19 -6.0 0.206 -9.000 -9.000 -999. 226. 132.9 0.0280 0.59 0.38 3.15 188.0 10.0 285.9 2.0 0
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18 6 27 178 20 -18.4 0.186 -9.000 -9.000 -999. 193. 38.2 0.0420 0.59 1.00 2.73 154.0 10.0 285.9 2.0 0
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18 6 27 178 21 -17.9 0.182 -9.000 -9.000 -999. 186. 36.3 0.0360 0.59 1.00 2.74 114.0 10.0 285.9 2.0 0
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18 6 27 178 22 -19.8 0.201 -9.000 -9.000 -999. 216. 44.3 0.0360 0.59 1.00 3.01 93.0 10.0 285.9 2.0 0
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18 6 27 178 24 -4.6 0.089 -9.000 -9.000 -999. 64. 14.0 0.0440 0.59 1.00 1.35 347.0 10.0 285.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 6 28 179 1 -2.4 0.068 -9.000 -9.000 -999. 43. 12.0 0.0420 0.59 1.00 0.92 171.0 10.0 285.4 2.0 0
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18 6 28 179 2 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0280 0.59 1.00 1.38 185.0 10.0 285.9 2.0 0
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18 6 28 179 3 -11.4 0.140 -9.000 -9.000 -999. 126. 21.8 0.0280 0.59 1.00 2.25 185.0 10.0 285.9 2.0 0
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18 6 28 179 4 -5.6 0.097 -9.000 -9.000 -999. 72. 14.6 0.0280 0.59 1.00 1.59 203.0 10.0 285.4 2.0 0
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18 6 28 179 5 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0280 0.59 1.00 1.69 195.0 10.0 285.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 6 28 179 6 -5.2 0.104 -9.000 -9.000 -999. 80. 19.5 0.0450 0.59 0.48 1.55 218.0 10.0 285.9 2.0 0
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18 6 28 179 7 31.8 0.176 0.734 0.033 448. 178. -15.6 0.0280 0.59 0.27 2.20 188.0 10.0 287.0 2.0 0
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0.00 74. 1010. 7 ADJ-A1 NoSubs
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0.00 64. 1010. 0 ADJ-A1 NoSubs
18 6 28 179 11 188.2 0.305 1.488 0.026 631. 403. -13.5 0.0420 0.59 0.17 3.44 164.0 10.0 291.4 2.0 0
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18 6 28 179 12 202.3 0.315 1.536 0.024 646. 425. -13.9 0.0420 0.59 0.17 3.57 175.0 10.0 293.1 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
18 6 28 179 13 204.5 0.357 1.554 0.022 661. 512. -20.1 0.0420 0.59 0.17 4.19 153.0 10.0 294.2 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
18 6 28 179 14 195.0 0.356 1.542 0.019 678. 509. -20.8 0.0390 0.59 0.17 4.25 127.0 10.0 293.8 2.0 0

0.00 56. 1009. 0 ADJ-A1 NoSubs
18 6 28 179 15 173.6 0.302 1.501 0.018 702. 401. -14.3 0.0390 0.59 0.17 3.49 126.0 10.0 294.2 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 6 28 179 16 140.9 0.348 1.418 0.016 728. 493. -26.9 0.0360 0.59 0.18 4.32 107.0 10.0 293.1 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 6 28 179 17 99.2 0.336 1.272 0.016 747. 467. -34.3 0.0360 0.59 0.19 4.24 93.0 10.0 292.5 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 6 28 179 18 50.5 0.318 1.019 0.015 754. 430. -57.2 0.0360 0.59 0.24 4.14 106.0 10.0 290.9 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 6 28 179 19 0.9 0.263 0.262 0.015 753. 325. -1912.5 0.0340 0.59 0.38 3.73 88.0 10.0 289.2 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
18 6 28 179 20 -24.8 0.252 -9.000 -9.000 -999. 304. 69.9 0.0340 0.59 1.00 3.78 81.0 10.0 287.0 2.0 0
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18 6 28 179 21 -21.6 0.219 -9.000 -9.000 -999. 246. 52.6 0.0370 0.59 1.00 3.25 59.0 10.0 285.9 2.0 0
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18 6 28 179 22 -17.9 0.180 -9.000 -9.000 -999. 184. 35.8 0.0370 0.59 1.00 2.71 44.0 10.0 285.4 2.0 0
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18 6 28 179 23 -15.3 0.165 -9.000 -9.000 -999. 161. 29.9 0.0370 0.59 1.00 2.49 42.0 10.0 285.4 2.0 0
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18 6 29 180 1 -14.0 0.158 -9.000 -9.000 -999. 150. 27.4 0.0370 0.59 1.00 2.39 53.0 10.0 285.4 2.0 0
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18 6 29 180 2 -11.7 0.144 -9.000 -9.000 -999. 131. 22.8 0.0370 0.59 1.00 2.19 34.0 10.0 285.9 2.0 0
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0.00 86. 1008. 10 ADJ-SFC NoSubs
18 6 29 180 4 -13.3 0.153 -9.000 -9.000 -999. 144. 25.8 0.0340 0.59 1.00 2.36 82.0 10.0 285.4 2.0 0
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0 0.00 92. 1008. 10 ADJ-SFC NoSubs
18 6 29 180 6 -13.7 0.190 -9.000 -9.000 -999. 198. 44.9 0.0340 0.59 0.48 2.86 66.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
18 6 29 180 7 5.8 -9.000 -9.000 -9.000 141. -999. -99999.0 0.0373 0.59 0.27 0.00 0.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
18 6 29 180 8 18.6 0.147 0.500 0.028 240. 135. -15.3 0.0340 0.59 0.20 1.76 78.0 10.0 287.0 2.0 0
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18 6 29 180 9 126.5 0.222 1.082 0.028 360. 251. -7.8 0.0420 0.59 0.18 2.36 150.0 10.0 289.9 2.0 0
0.00 72. 1008. 0 ADJ-SFC NoSubs
18 6 29 180 10 162.8 0.262 1.227 0.026 408. 321. -9.9 0.0420 0.59 0.17 2.86 165.0 10.0 292.0 2.0 0
0.00 64. 1008. 0 ADJ-SFC NoSubs
18 6 29 180 11 188.9 0.375 1.359 0.021 478. 551. -25.1 0.0280 0.59 0.17 4.86 202.0 10.0 293.8 2.0 0
0.00 58. 1008. 0 ADJ-SFC NoSubs
18 6 29 180 12 202.7 0.336 1.424 0.022 513. 468. -16.8 0.0280 0.59 0.17 4.21 203.0 10.0 294.2 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
18 6 29 180 13 204.5 0.358 1.497 0.020 591. 513. -20.1 0.0280 0.59 0.17 4.56 188.0 10.0 294.2 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
18 6 29 180 14 194.8 0.343 1.529 0.018 661. 482. -18.6 0.0280 0.59 0.17 4.34 196.0 10.0 293.1 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
18 6 29 180 15 172.9 0.373 1.483 0.016 679. 545. -26.9 0.0420 0.59 0.17 4.48 175.0 10.0 292.0 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
18 6 29 180 16 140.2 0.356 1.393 0.014 694. 511. -29.0 0.0420 0.59 0.18 4.31 177.0 10.0 290.9 2.0 0
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18 6 29 180 17 98.5 0.346 1.244 0.013 703. 488. -37.7 0.0420 0.59 0.19 4.26 154.0 10.0 289.9 2.0 0

0.00 72. 1007. 0 ADJ-A1 NoSubs
18 6 29 180 18 50.1 0.314 0.996 0.013 708. 423. -55.5 0.0390 0.59 0.24 4.02 144.0 10.0 289.2 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
18 6 29 180 19 0.6 0.252 0.228 0.013 708. 306. -2396.5 0.0390 0.59 0.38 3.49 124.0 10.0 288.1 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
18 6 29 180 20 -23.0 0.234 -9.000 -9.000 -999. 272. 60.4 0.0390 0.59 1.00 3.44 124.0 10.0 287.0 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
18 6 29 180 21 -15.0 0.163 -9.000 -9.000 -999. 159. 29.2 0.0340 0.59 1.00 2.50 82.0 10.0 287.0 2.0 0
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18 6 29 180 22 -9.0 0.126 -9.000 -9.000 -999. 107. 19.8 0.0370 0.59 1.00 1.94 52.0 10.0 286.4 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
18 6 29 180 23 -9.3 0.127 -9.000 -9.000 -999. 109. 20.0 0.0370 0.59 1.00 1.96 52.0 10.0 285.4 2.0 0
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18 6 29 180 24 -6.0 0.102 -9.000 -9.000 -999. 78. 15.7 0.0370 0.59 1.00 1.59 41.0 10.0 285.4 2.0 0
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18 6 30 181 1 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0370 0.59 1.00 1.43 5.0 10.0 284.9 2.0 0
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18 6 30 181 2 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.59 1.00 1.76 326.0 10.0 284.2 2.0 0
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18 6 30 181 3 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.59 1.00 1.28 324.0 10.0 284.2 2.0 0
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0.00 89. 1007. 0 ADJ-A1 NoSubs
18 6 30 181 7 32.2 0.137 0.507 0.029 145. 122. -7.2 0.0320 0.59 0.27 1.54 282.0 10.0 288.8 2.0 0
0.00 79. 1007. 0 ADJ-A1 NoSubs
18 6 30 181 8 82.5 0.211 0.801 0.026 223. 232. -10.2 0.0360 0.59 0.20 2.39 247.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 6 30 181 9 126.8 0.314 1.022 0.017 303. 423. -22.0 0.0450 0.59 0.18 3.66 228.0 10.0 291.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
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18 6 30 181 11 187.8 0.419 1.319 0.005 440. 651. -35.3 0.0450 0.59 0.17 5.07 229.0 10.0 290.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 6 30 181 12 203.8 0.498 1.391 0.005 475. 842. -54.4 0.0360 0.59 0.17 6.46 246.0 10.0 290.4 2.0 0
0.00 72. 1009. 3 ADJ-A1 NoSubs
18 6 30 181 13 164.7 0.481 1.314 0.005 496. 801. -60.7 0.0360 0.59 0.17 6.28 248.0 10.0 290.4 2.0 0
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18 6 30 181 14 47.2 0.428 0.870 0.005 501. 674. -149.2 0.0360 0.59 0.17 5.80 250.0 10.0 289.9 2.0 0
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18 6 30 181 15 172.5 0.397 1.358 0.005 522. 602. -32.7 0.0360 0.59 0.17 5.00 254.0 10.0 290.9 2.0 0
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18 6 30 181 16 140.0 0.381 1.291 0.005 553. 564. -35.5 0.0360 0.59 0.18 4.82 252.0 10.0 290.4 2.0 0
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18 6 30 181 17 83.2 0.366 1.118 0.005 604. 531. -52.9 0.0450 0.59 0.19 4.54 237.0 10.0 289.2 2.0 0
0.00 80. 1008. 7 ADJ-A1 NoSubs
18 6 30 181 18 53.5 0.278 1.015 0.005 702. 356. -36.0 0.0360 0.59 0.24 3.52 240.0 10.0 288.8 2.0 0
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18 6 30 181 19 0.6 0.225 0.231 0.005 697. 257. -1624.4 0.0450 0.59 0.38 3.03 229.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
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18 6 30 181 22 -9.2 0.127 -9.000 -9.000 -999. 109. 19.9 0.0360 0.59 1.00 1.96 243.0 10.0 287.0 2.0 0
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18 6 30 181 24 -6.4 0.104 -9.000 -9.000 -999. 81. 16.0 0.0320 0.59 1.00 1.67 278.0 10.0 286.4 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
18 7 1 182 1 -3.5 0.078 -9.000 -9.000 -999. 52. 12.2 0.0320 0.59 1.00 1.23 298.0 10.0 285.9 2.0 0
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18 7 1 182 2 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.59 1.00 1.28 256.0 10.0 285.9 2.0 0
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18 7 1 182 3 -2.9 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.59 1.00 1.09 243.0 10.0 285.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 1 182 4 -11.1 0.141 -9.000 -9.000 -999. 127. 22.6 0.0450 0.59 1.00 2.08 234.0 10.0 285.4 2.0 0
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18 7 1 182 5 -5.1 0.093 -9.000 -9.000 -999. 69. 14.4 0.0360 0.59 1.00 1.47 254.0 10.0 285.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 7 1 182 6 -2.0 0.064 -9.000 -9.000 -999. 39. 12.1 0.0380 0.59 0.49 0.96 322.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 1 182 7 6.0 0.094 0.210 0.021 56. 69. -12.5 0.0360 0.59 0.27 1.09 243.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 1 182 8 18.8 0.134 0.391 0.023 115. 118. -11.5 0.0450 0.59 0.20 1.47 227.0 10.0 288.1 2.0 0
0.00 87. 1010. 10 ADJ-A1 NoSubs
18 7 1 182 9 126.5 0.197 0.992 0.028 278. 210. -5.4 0.0280 0.59 0.18 2.20 191.0 10.0 291.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
18 7 1 182 10 162.5 0.357 1.214 0.027 397. 512. -25.2 0.0280 0.59 0.17 4.63 194.0 10.0 292.0 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 7 1 182 11 187.5 0.464 1.368 0.013 493. 759. -48.1 0.0450 0.59 0.17 5.73 221.0 10.0 290.4 2.0 0
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18 7 1 182 12 163.5 0.475 1.335 0.012 525. 785. -59.0 0.0360 0.59 0.17 6.19 240.0 10.0 291.4 2.0 0
0.00 69. 1011. 7 ADJ-A1 NoSubs
18 7 1 182 13 50.0 0.410 0.905 0.019 534. 634. -124.5 0.0360 0.59 0.17 5.53 248.0 10.0 291.4 2.0 0
0.00 72. 1011. 10 ADJ-A1 NoSubs
18 7 1 182 14 47.6 0.390 0.894 0.022 542. 586. -112.7 0.0360 0.59 0.17 5.24 249.0 10.0 290.9 2.0 0
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18 7 1 182 15 41.9 0.346 0.861 0.025 549. 491. -89.6 0.0360 0.59 0.17 4.61 251.0 10.0 289.9 2.0 0
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18 7 1 182 16 33.6 0.334 0.803 0.024 555. 463. -99.6 0.0360 0.59 0.18 4.46 253.0 10.0 289.2 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 7 1 182 17 23.1 0.315 0.711 0.024 559. 424. -121.6 0.0360 0.59 0.19 4.24 248.0 10.0 288.8 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 7 1 182 18 11.1 0.267 0.557 0.024 561. 333. -155.5 0.0360 0.59 0.24 3.63 244.0 10.0 288.8 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 7 1 182 19 -5.9 0.272 -9.000 -9.000 -999. 340. 308.9 0.0450 0.59 0.38 3.75 239.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 7 1 182 20 -21.9 0.223 -9.000 -9.000 -999. 253. 54.5 0.0450 0.59 1.00 3.19 237.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 7 1 182 21 -19.6 0.199 -9.000 -9.000 -999. 213. 43.6 0.0450 0.59 1.00 2.87 239.0 10.0 287.5 2.0 0
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0.00 92. 1010. 10 ADJ-A1 NoSubs
18 7 1 182 23 -9.4 0.128 -9.000 -9.000 -999. 111. 20.1 0.0360 0.59 1.00 1.98 240.0 10.0 287.0 2.0 0

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18 7 1 182 24 -7.3 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.59 1.00 1.76 247.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 7 2 183 1 -7.5 0.114 -9.000 -9.000 -999. 92. 17.5 0.0320 0.59 1.00 1.81 282.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 7 2 183 2 -4.7 0.091 -9.000 -9.000 -999. 66. 14.3 0.0450 0.59 1.00 1.37 238.0 10.0 287.0 2.0 0
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18 7 2 183 3 -5.1 0.095 -9.000 -9.000 -999. 70. 14.9 0.0450 0.59 1.00 1.43 226.0 10.0 286.4 2.0 0
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18 7 2 183 5 -5.7 0.099 -9.000 -9.000 -999. 74. 15.2 0.0360 0.59 1.00 1.55 262.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 7 2 183 6 -5.4 0.104 -9.000 -9.000 -999. 81. 19.0 0.0360 0.59 0.49 1.62 262.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 7 2 183 7 6.0 0.111 0.333 0.014 220. 89. -20.5 0.0360 0.59 0.27 1.35 249.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 7 2 183 8 18.7 0.142 0.528 0.021 283. 129. -13.9 0.0450 0.59 0.20 1.59 233.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 7 2 183 9 129.8 0.177 1.226 0.044 511. 179. -3.9 0.0450 0.59 0.18 1.69 226.0 10.0 291.4 2.0 0
0.00 72. 1009. 3 ADJ-A1 NoSubs
18 7 2 183 10 162.1 0.315 1.388 0.043 594. 425. -17.4 0.0280 0.59 0.17 3.97 200.0 10.0 291.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 7 2 183 11 152.8 0.414 1.387 0.041 630. 640. -41.9 0.0450 0.59 0.17 5.07 212.0 10.0 291.4 2.0 0
0.00 69. 1010. 7 ADJ-A1 NoSubs
18 7 2 183 12 194.3 0.400 1.532 0.039 667. 608. -29.7 0.0450 0.59 0.17 4.78 236.0 10.0 291.4 2.0 0
0.00 69. 1010. 5 ADJ-A1 NoSubs
18 7 2 183 13 203.8 0.418 1.585 0.037 704. 648. -32.2 0.0450 0.59 0.17 5.02 224.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
18 7 2 183 14 47.4 0.418 0.978 0.037 711. 648. -138.5 0.0360 0.59 0.17 5.65 242.0 10.0 290.4 2.0 0
0.00 75. 1009. 10 ADJ-A1 NoSubs
18 7 2 183 15 41.9 0.406 0.942 0.036 718. 621. -143.7 0.0450 0.59 0.17 5.27 237.0 10.0 289.9 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
18 7 2 183 16 33.5 0.340 0.877 0.036 724. 478. -105.2 0.0450 0.59 0.18 4.36 238.0 10.0 288.8 2.0 0
0.00 79. 1009. 10 ADJ-A1 NoSubs
18 7 2 183 17 98.4 0.370 1.261 0.035 733. 540. -46.3 0.0450 0.59 0.19 4.56 217.0 10.0 289.2 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 7 2 183 18 45.5 0.353 0.977 0.034 737. 503. -86.7 0.0450 0.59 0.24 4.49 228.0 10.0 288.1 2.0 0
0.00 83. 1008. 7 ADJ-A1 NoSubs
18 7 2 183 19 -6.7 0.267 -9.000 -9.000 -999. 334. 254.2 0.0450 0.59 0.38 3.69 226.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 7 2 183 20 -20.3 0.206 -9.000 -9.000 -999. 225. 46.6 0.0450 0.59 1.00 2.96 237.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 7 2 183 21 -9.8 0.132 -9.000 -9.000 -999. 117. 21.2 0.0450 0.59 1.00 1.96 224.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 7 2 183 22 -10.0 0.134 -9.000 -9.000 -999. 117. 21.4 0.0450 0.59 1.00 1.98 233.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 7 2 183 23 -8.7 0.123 -9.000 -9.000 -999. 104. 19.2 0.0360 0.59 1.00 1.91 242.0 10.0 285.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 7 2 183 24 -10.9 0.140 -9.000 -9.000 -999. 125. 22.4 0.0450 0.59 1.00 2.06 230.0 10.0 285.4 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 1 -6.2 0.104 -9.000 -9.000 -999. 81. 16.4 0.0450 0.59 1.00 1.57 231.0 10.0 285.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 2 -10.0 0.134 -9.000 -9.000 -999. 117. 21.4 0.0450 0.59 1.00 1.98 211.0 10.0 285.9 2.0 0

0.00 100. 1006. 10 ADJ-A1 NoSubs
18 7 3 184 3 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0360 0.59 1.00 1.82 246.0 10.0 285.4 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 7 3 184 4 -3.8 0.081 -9.000 -9.000 -999. 55. 12.5 0.0320 0.59 1.00 1.28 276.0 10.0 285.4 2.0 0
0.00 999. 1006. 10 ADJ-A1 NoSubs
18 7 3 184 5 -3.9 0.082 -9.000 -9.000 -999. 57. 12.7 0.0320 0.59 1.00 1.31 290.0 10.0 285.4 2.0 11
0.30 999. 1006. 10 ADJ-A1 NoSubs
18 7 3 184 6 -2.6 0.072 -9.000 -9.000 -999. 47. 13.0 0.0360 0.59 0.49 1.13 253.0 10.0 285.9 2.0 11
0.30 999. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 7 5.7 0.157 0.390 0.034 375. 149. -60.8 0.0450 0.59 0.27 1.96 212.0 10.0 285.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 8 18.2 0.207 0.607 0.038 439. 225. -43.5 0.0280 0.59 0.20 2.78 204.0 10.0 286.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 9 29.4 0.218 0.750 0.039 515. 245. -31.8 0.0280 0.59 0.18 2.88 202.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 10 38.4 0.277 0.856 0.040 587. 351. -50.0 0.0280 0.59 0.17 3.76 205.0 10.0 287.0 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 11 44.8 0.260 0.918 0.039 622. 319. -35.4 0.0450 0.59 0.17 3.15 230.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 12 48.7 0.318 0.948 0.039 629. 430. -59.3 0.0450 0.59 0.17 3.97 236.0 10.0 288.8 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 13 49.2 0.370 0.955 0.038 637. 541. -92.8 0.0450 0.59 0.17 4.73 239.0 10.0 288.8 2.0 0
0.00 79. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 14 47.2 0.377 0.946 0.037 644. 556. -102.4 0.0360 0.59 0.17 5.05 242.0 10.0 289.9 2.0 0
0.00 72. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 15 41.7 0.356 0.910 0.037 650. 510. -97.1 0.0360 0.59 0.17 4.75 240.0 10.0 289.2 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 16 33.9 0.342 0.853 0.037 655. 480. -105.7 0.0360 0.59 0.18 4.58 248.0 10.0 290.4 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 17 23.5 0.335 0.755 0.036 659. 466. -144.2 0.0360 0.59 0.19 4.54 252.0 10.0 289.9 2.0 0
0.00 72. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 18 11.1 0.275 0.589 0.036 660. 349. -169.4 0.0360 0.59 0.24 3.75 261.0 10.0 288.8 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 19 -4.6 0.212 -9.000 -9.000 -999. 235. 185.9 0.0360 0.59 0.38 3.07 259.0 10.0 288.1 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 20 -21.8 0.222 -9.000 -9.000 -999. 252. 54.4 0.0360 0.59 1.00 3.32 244.0 10.0 287.5 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
18 7 3 184 21 -17.8 0.182 -9.000 -9.000 -999. 186. 36.3 0.0360 0.59 1.00 2.74 244.0 10.0 287.5 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 22 -22.6 0.230 -9.000 -9.000 -999. 265. 58.1 0.0450 0.59 1.00 3.29 231.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 23 -24.2 0.246 -9.000 -9.000 -999. 293. 66.6 0.0450 0.59 1.00 3.51 235.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 7 3 184 24 -21.4 0.217 -9.000 -9.000 -999. 244. 52.0 0.0450 0.59 1.00 3.12 234.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 7 4 185 1 -18.2 0.185 -9.000 -9.000 -999. 192. 37.7 0.0360 0.59 1.00 2.79 241.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 7 4 185 2 -15.1 0.164 -9.000 -9.000 -999. 160. 29.6 0.0360 0.59 1.00 2.49 240.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 7 4 185 3 -14.0 0.158 -9.000 -9.000 -999. 150. 27.3 0.0360 0.59 1.00 2.40 262.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 7 4 185 4 -12.6 0.149 -9.000 -9.000 -999. 138. 24.5 0.0360 0.59 1.00 2.28 255.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 7 4 185 5 -12.3 0.147 -9.000 -9.000 -999. 135. 23.8 0.0360 0.59 1.00 2.25 240.0 10.0 286.4 2.0 0

0.00 96. 1009. 10 ADJ-A1 NoSubs
18 7 4 185 6 -12.8 0.174 -9.000 -9.000 -999. 173. 36.7 0.0450 0.59 0.49 2.50 231.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 7 4 185 7 5.8 0.200 0.309 0.005 182. 215. -123.9 0.0450 0.59 0.28 2.59 228.0 10.0 287.0 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 7 4 185 8 18.6 0.288 0.607 0.021 434. 371. -115.7 0.0450 0.59 0.20 3.71 233.0 10.0 288.1 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 7 4 185 9 29.8 0.303 0.781 0.023 575. 401. -84.5 0.0450 0.59 0.18 3.86 231.0 10.0 288.8 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
18 7 4 185 10 38.9 0.326 0.872 0.024 615. 447. -80.4 0.0360 0.59 0.17 4.32 248.0 10.0 289.2 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
18 7 4 185 11 45.9 0.356 0.943 0.024 659. 509. -88.4 0.0360 0.59 0.17 4.73 259.0 10.0 290.9 2.0 0
0.00 72. 1011. 10 ADJ-A1 NoSubs
18 7 4 185 12 49.9 0.373 0.986 0.024 694. 546. -93.7 0.0360 0.59 0.17 4.97 256.0 10.0 292.5 2.0 0
0.00 65. 1011. 10 ADJ-A1 NoSubs
18 7 4 185 13 165.1 0.436 1.490 0.023 724. 690. -45.2 0.0450 0.59 0.17 5.36 239.0 10.0 292.0 2.0 0
0.00 64. 1011. 7 ADJ-A1 NoSubs
18 7 4 185 14 194.4 0.436 1.587 0.021 742. 692. -38.5 0.0450 0.59 0.17 5.31 236.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 7 4 185 15 173.0 0.354 1.537 0.020 758. 511. -23.2 0.0450 0.59 0.17 4.15 234.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 7 4 185 16 140.8 0.366 1.444 0.018 772. 531. -31.4 0.0450 0.59 0.18 4.39 237.0 10.0 292.5 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 7 4 185 17 99.3 0.388 1.295 0.018 788. 581. -53.2 0.0450 0.59 0.19 4.82 239.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 7 4 185 18 50.6 0.344 1.038 0.017 796. 485. -72.3 0.0450 0.59 0.24 4.34 239.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 7 4 185 19 1.0 0.251 0.285 0.017 795. 305. -1356.5 0.0360 0.59 0.38 3.51 251.0 10.0 289.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
18 7 4 185 20 -9.8 0.132 -9.000 -9.000 -999. 124. 21.2 0.0450 0.59 1.00 1.96 235.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 4 185 21 -4.0 0.084 -9.000 -9.000 -999. 59. 13.4 0.0450 0.59 1.00 1.26 218.0 10.0 287.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
18 7 4 185 22 -2.5 0.069 -9.000 -9.000 -999. 43. 11.7 0.0360 0.59 1.00 0.99 245.0 10.0 286.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 7 4 185 23 -2.0 0.064 -9.000 -9.000 -999. 39. 12.0 0.0360 0.59 1.00 0.84 255.0 10.0 285.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 7 4 185 24 -4.8 0.090 -9.000 -9.000 -999. 65. 13.8 0.0320 0.59 1.00 1.45 296.0 10.0 284.9 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 7 5 186 1 -5.1 0.094 -9.000 -9.000 -999. 70. 14.8 0.0440 0.59 1.00 1.43 339.0 10.0 284.2 2.0 0
0.00 96. 1012. 5 ADJ-A1 NoSubs
18 7 5 186 2 -6.5 0.106 -9.000 -9.000 -999. 82. 16.3 0.0380 0.59 1.00 1.64 319.0 10.0 284.2 2.0 0
0.00 96. 1012. 7 ADJ-A1 NoSubs
18 7 5 186 3 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.59 1.00 1.37 325.0 10.0 284.2 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 7 5 186 4 -1.9 0.063 -9.000 -9.000 -999. 38. 12.3 0.0370 0.59 1.00 0.79 29.0 10.0 285.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
18 7 5 186 5 -3.7 0.080 -9.000 -9.000 -999. 54. 12.6 0.0370 0.59 1.00 1.23 33.0 10.0 284.9 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 7 5 186 6 -4.6 0.095 -9.000 -9.000 -999. 70. 16.8 0.0370 0.59 0.50 1.48 54.0 10.0 284.9 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 7 5 186 7 5.4 0.122 0.346 0.020 279. 102. -30.8 0.0340 0.59 0.28 1.55 74.0 10.0 285.4 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
18 7 5 186 8 18.1 0.149 0.541 0.022 317. 138. -16.4 0.0370 0.59 0.20 1.76 19.0 10.0 286.4 2.0 0

0.00 92. 1014. 10 ADJ-A1 NoSubs
18 7 5 186 9 29.6 0.150 0.672 0.024 371. 140. -10.4 0.0360 0.59 0.18 1.71 103.0 10.0 288.1 2.0 0
0.00 83. 1014. 10 ADJ-A1 NoSubs
18 7 5 186 10 161.8 0.180 1.275 0.024 464. 183. -3.3 0.0420 0.59 0.17 1.70 155.0 10.0 292.5 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
18 7 5 186 11 188.0 0.326 1.445 0.023 582. 447. -16.7 0.0280 0.59 0.17 4.09 186.0 10.0 293.8 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
18 7 5 186 12 201.7 0.381 1.541 0.021 658. 564. -24.8 0.0450 0.59 0.17 4.49 231.0 10.0 293.1 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
18 7 5 186 13 204.4 0.305 1.582 0.021 702. 408. -12.6 0.0450 0.59 0.17 3.37 222.0 10.0 294.9 2.0 0
0.00 60. 1015. 0 ADJ-A1 NoSubs
18 7 5 186 14 195.2 0.343 1.575 0.019 726. 481. -18.6 0.0280 0.59 0.17 4.34 182.0 10.0 294.9 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
18 7 5 186 15 173.4 0.337 1.528 0.017 746. 469. -19.9 0.0280 0.59 0.17 4.29 188.0 10.0 293.8 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
18 7 5 186 16 140.8 0.351 1.436 0.016 761. 500. -27.8 0.0280 0.59 0.18 4.59 192.0 10.0 292.5 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
18 7 5 186 17 99.0 0.281 1.283 0.015 772. 361. -20.3 0.0280 0.59 0.19 3.59 181.0 10.0 291.4 2.0 0
0.00 72. 1014. 0 ADJ-A1 NoSubs
18 7 5 186 18 50.6 0.243 1.028 0.015 777. 287. -25.5 0.0390 0.59 0.24 2.95 143.0 10.0 290.9 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
18 7 5 186 19 0.3 0.239 0.194 0.015 775. 281. -3638.0 0.0420 0.59 0.38 3.27 153.0 10.0 287.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 7 5 186 20 -13.4 0.154 -9.000 -9.000 -999. 148. 26.2 0.0390 0.59 1.00 2.32 137.0 10.0 287.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 7 5 186 21 -9.7 0.130 -9.000 -9.000 -999. 113. 20.6 0.0390 0.59 1.00 1.98 120.0 10.0 287.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 7 5 186 22 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0360 0.59 1.00 1.82 99.0 10.0 287.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 7 5 186 23 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0340 0.59 1.00 1.25 62.0 10.0 288.1 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 7 5 186 24 -4.9 0.091 -9.000 -9.000 -999. 66. 14.0 0.0320 0.59 1.00 1.47 279.0 10.0 287.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 7 6 187 1 -3.7 0.081 -9.000 -9.000 -999. 55. 12.9 0.0440 0.59 1.00 1.20 331.0 10.0 287.5 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 7 6 187 2 -7.9 0.117 -9.000 -9.000 -999. 96. 18.4 0.0380 0.59 1.00 1.81 320.0 10.0 288.1 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 7 6 187 3 -11.8 0.144 -9.000 -9.000 -999. 131. 22.8 0.0320 0.59 1.00 2.25 285.0 10.0 289.2 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
18 7 6 187 4 -15.7 0.168 -9.000 -9.000 -999. 165. 30.9 0.0360 0.59 1.00 2.54 244.0 10.0 290.4 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
18 7 6 187 5 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0320 0.59 1.00 1.99 273.0 10.0 290.4 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
18 7 6 187 6 -7.6 0.129 -9.000 -9.000 -999. 112. 25.9 0.0390 0.59 0.50 1.94 127.0 10.0 290.4 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
18 7 6 187 7 31.0 0.132 0.565 0.020 210. 115. -6.7 0.0360 0.59 0.28 1.43 255.0 10.0 291.4 2.0 0
0.00 75. 1014. 0 ADJ-A1 NoSubs
18 7 6 187 8 82.2 0.182 0.839 0.019 260. 187. -6.7 0.0370 0.59 0.20 1.96 52.0 10.0 295.4 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
18 7 6 187 9 127.8 0.181 1.120 0.019 397. 185. -4.2 0.0360 0.59 0.18 1.84 118.0 10.0 298.1 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
18 7 6 187 10 165.4 0.234 1.275 0.016 454. 271. -7.0 0.0360 0.59 0.17 2.54 241.0 10.0 301.4 2.0 0
0.00 43. 1013. 0 ADJ-A1 NoSubs
18 7 6 187 11 193.0 0.234 1.404 0.013 518. 271. -6.0 0.0360 0.59 0.17 2.49 257.0 10.0 304.9 2.0 0

0.00 31. 1013. 0 ADJ-A1 NoSubs
18 7 6 187 12 205.7 0.347 1.507 0.012 602. 491. -18.3 0.0360 0.59 0.17 4.17 241.0 10.0 302.5 2.0 0
0.00 36. 1012. 0 ADJ-A1 NoSubs
18 7 6 187 13 209.4 0.360 1.580 0.010 681. 518. -20.1 0.0420 0.59 0.17 4.22 175.0 10.0 305.4 2.0 0
0.00 30. 1012. 0 ADJ-A1 NoSubs
18 7 6 187 14 201.6 0.296 1.611 0.009 750. 389. -11.6 0.0280 0.59 0.17 3.59 181.0 10.0 307.5 2.0 0
0.00 21. 1011. 0 ADJ-A1 NoSubs
18 7 6 187 15 175.4 0.398 1.572 0.009 800. 601. -32.3 0.0390 0.59 0.17 4.92 136.0 10.0 298.8 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
18 7 6 187 16 141.6 0.380 1.511 0.009 881. 563. -35.0 0.0420 0.59 0.18 4.66 159.0 10.0 294.9 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 7 6 187 17 100.4 0.278 1.380 0.009 944. 358. -19.3 0.0420 0.59 0.19 3.25 159.0 10.0 295.4 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 7 6 187 18 51.5 0.277 1.114 0.009 968. 350. -37.2 0.0420 0.59 0.24 3.41 159.0 10.0 293.8 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 7 6 187 19 1.8 0.240 0.361 0.009 965. 282. -705.6 0.0420 0.59 0.38 3.25 169.0 10.0 292.5 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 7 6 187 20 -16.9 0.174 -9.000 -9.000 -999. 175. 33.1 0.0280 0.59 1.00 2.74 189.0 10.0 290.4 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 7 6 187 21 -8.1 0.117 -9.000 -9.000 -999. 97. 18.1 0.0280 0.59 1.00 1.91 201.0 10.0 289.2 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
18 7 6 187 22 -3.7 0.081 -9.000 -9.000 -999. 56. 13.1 0.0450 0.59 1.00 1.21 231.0 10.0 289.9 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
18 7 6 187 23 -2.4 0.068 -9.000 -9.000 -999. 42. 11.5 0.0320 0.59 1.00 0.99 283.0 10.0 289.2 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 6 187 24 -7.3 0.112 -9.000 -9.000 -999. 90. 17.6 0.0380 0.59 1.00 1.74 309.0 10.0 289.2 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 1 -6.1 0.103 -9.000 -9.000 -999. 79. 16.1 0.0380 0.59 1.00 1.60 317.0 10.0 289.2 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 2 -2.1 0.065 -9.000 -9.000 -999. 40. 11.6 0.0320 0.59 1.00 0.89 275.0 10.0 287.5 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 3 -3.2 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.59 1.00 1.14 268.0 10.0 287.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 4 -2.4 0.068 -9.000 -9.000 -999. 43. 12.1 0.0440 0.59 1.00 0.92 360.0 10.0 287.0 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 7 7 188 5 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.59 1.00 1.14 318.0 10.0 287.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 6 -2.1 0.067 -9.000 -9.000 -999. 42. 13.1 0.0440 0.59 0.50 1.01 348.0 10.0 288.1 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 7 31.0 0.108 0.523 0.025 166. 85. -3.7 0.0360 0.59 0.28 1.08 261.0 10.0 292.5 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 8 81.5 0.156 0.803 0.022 229. 148. -4.2 0.0360 0.59 0.20 1.59 116.0 10.0 294.2 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 9 127.3 0.140 0.995 0.019 279. 126. -2.0 0.0280 0.59 0.18 1.35 203.0 10.0 297.5 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 10 164.1 0.256 1.239 0.018 418. 311. -9.2 0.0420 0.59 0.17 2.78 178.0 10.0 299.2 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
18 7 7 188 11 189.7 0.349 1.342 0.012 459. 494. -20.1 0.0420 0.59 0.17 4.09 178.0 10.0 298.8 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
18 7 7 188 12 203.7 0.351 1.422 0.012 509. 499. -19.1 0.0420 0.59 0.17 4.10 163.0 10.0 298.8 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
18 7 7 188 13 204.6 0.407 1.509 0.011 605. 623. -29.7 0.0420 0.59 0.17 4.93 160.0 10.0 295.9 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 7 7 188 14 196.0 0.347 1.528 0.010 656. 492. -19.2 0.0420 0.59 0.17 4.05 161.0 10.0 297.0 2.0 0

0.00 50. 1009. 0 ADJ-A1 NoSubs
18 7 7 188 15 174.6 0.334 1.565 0.009 791. 463. -19.2 0.0420 0.59 0.17 3.90 151.0 10.0 297.0 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
18 7 7 188 16 142.2 0.345 1.489 0.009 836. 486. -26.0 0.0420 0.59 0.18 4.14 154.0 10.0 296.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 7 7 188 17 100.1 0.349 1.347 0.008 878. 496. -38.3 0.0420 0.59 0.19 4.31 151.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 7 7 188 18 51.4 0.297 1.096 0.009 922. 390. -45.9 0.0420 0.59 0.24 3.71 165.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 7 7 188 19 1.3 0.232 0.319 0.008 904. 270. -870.0 0.0420 0.59 0.38 3.15 175.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 7 7 188 20 -13.2 0.152 -9.000 -9.000 -999. 144. 25.4 0.0280 0.59 1.00 2.42 187.0 10.0 289.2 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
18 7 7 188 21 -10.1 0.132 -9.000 -9.000 -999. 115. 20.5 0.0280 0.59 1.00 2.13 186.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 7 7 188 22 -3.0 0.074 -9.000 -9.000 -999. 49. 12.3 0.0450 0.59 1.00 1.06 231.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 7 7 188 23 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0450 0.59 1.00 1.25 228.0 10.0 287.5 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 7 7 188 24 -1.9 0.064 -9.000 -9.000 -999. 39. 12.1 0.0360 0.59 1.00 0.82 266.0 10.0 287.0 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 1 -4.1 0.084 -9.000 -9.000 -999. 58. 13.2 0.0380 0.59 1.00 1.30 303.0 10.0 287.0 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 2 -4.9 0.091 -9.000 -9.000 -999. 66. 14.0 0.0320 0.59 1.00 1.47 291.0 10.0 285.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 3 -4.1 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.59 1.00 1.31 305.0 10.0 285.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 4 -1.6 0.061 -9.000 -9.000 -999. 36. 12.9 0.0360 0.59 1.00 0.70 263.0 10.0 285.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 5 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.59 1.00 1.11 328.0 10.0 285.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 6 -2.7 0.075 -9.000 -9.000 -999. 49. 13.9 0.0380 0.59 0.51 1.16 327.0 10.0 285.9 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 7 29.6 0.100 0.659 0.034 348. 76. -3.1 0.0370 0.59 0.28 0.97 4.0 10.0 289.2 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 8 80.4 0.131 0.931 0.033 362. 113. -2.5 0.0360 0.59 0.20 1.23 96.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 9 126.3 0.159 1.104 0.030 384. 152. -2.9 0.0390 0.59 0.18 1.50 127.0 10.0 295.9 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 10 163.9 0.209 1.233 0.027 413. 229. -5.0 0.0390 0.59 0.17 2.13 127.0 10.0 299.2 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 11 189.5 0.338 1.339 0.022 457. 471. -18.3 0.0420 0.59 0.17 3.93 177.0 10.0 298.8 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 12 204.1 0.338 1.414 0.020 500. 472. -17.1 0.0420 0.59 0.17 3.91 166.0 10.0 299.9 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 13 206.2 0.371 1.457 0.017 541. 541. -22.2 0.0420 0.59 0.17 4.39 158.0 10.0 299.9 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 14 196.9 0.333 1.465 0.015 576. 463. -16.9 0.0420 0.59 0.17 3.85 159.0 10.0 299.2 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 15 175.8 0.320 1.434 0.014 604. 434. -16.8 0.0420 0.59 0.17 3.69 163.0 10.0 299.9 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 16 143.1 0.336 1.351 0.012 620. 467. -23.8 0.0420 0.59 0.18 4.00 159.0 10.0 298.8 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 17 101.0 0.349 1.209 0.012 631. 496. -38.0 0.0420 0.59 0.19 4.31 166.0 10.0 297.0 2.0 0

0.00 50. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 18 51.7 0.289 0.970 0.011 635. 375. -42.0 0.0420 0.59 0.24 3.59 165.0 10.0 294.9 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 19 1.5 0.230 0.300 0.011 634. 266. -716.0 0.0420 0.59 0.39 3.12 178.0 10.0 292.5 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 7 8 189 20 -8.2 0.119 -9.000 -9.000 -999. 105. 18.3 0.0280 0.59 1.00 1.93 203.0 10.0 289.9 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 21 -8.6 0.123 -9.000 -9.000 -999. 104. 19.7 0.0450 0.59 1.00 1.84 210.0 10.0 288.8 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
18 7 8 189 22 -8.6 0.121 -9.000 -9.000 -999. 101. 18.6 0.0280 0.59 1.00 1.96 209.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 8 189 23 -4.2 0.085 -9.000 -9.000 -999. 60. 13.2 0.0360 0.59 1.00 1.33 244.0 10.0 287.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 8 189 24 -4.5 0.087 -9.000 -9.000 -999. 62. 13.4 0.0320 0.59 1.00 1.40 288.0 10.0 287.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 1 -5.4 0.096 -9.000 -9.000 -999. 71. 14.7 0.0320 0.59 1.00 1.54 286.0 10.0 286.4 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
18 7 9 190 2 -3.4 0.078 -9.000 -9.000 -999. 52. 12.6 0.0450 0.59 1.00 1.14 223.0 10.0 286.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 3 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0320 0.59 1.00 1.20 296.0 10.0 285.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 4 -2.6 0.069 -9.000 -9.000 -999. 44. 11.5 0.0320 0.59 1.00 1.03 298.0 10.0 284.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 5 -2.2 0.067 -9.000 -9.000 -999. 41. 12.2 0.0440 0.59 1.00 0.87 342.0 10.0 284.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 6 -1.9 0.064 -9.000 -9.000 -999. 39. 12.2 0.0380 0.59 0.51 0.96 311.0 10.0 286.4 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 7 29.5 0.109 -9.000 -9.000 -999. 86. -4.0 0.0320 0.59 0.28 1.13 292.0 10.0 290.4 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 7 9 190 8 80.4 0.142 -9.000 -9.000 -999. 129. -3.2 0.0390 0.59 0.20 1.37 130.0 10.0 293.1 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
18 7 9 190 9 126.2 0.165 -9.000 -9.000 -999. 161. -3.2 0.0390 0.59 0.18 1.59 136.0 10.0 296.4 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
18 7 9 190 10 163.4 0.176 -9.000 -9.000 -999. 177. -3.0 0.0390 0.59 0.17 1.67 141.0 10.0 298.8 2.0 0
0.00 35. 1012. 0 ADJ-A1 NoSubs
18 7 9 190 11 189.8 0.268 -9.000 -9.000 -999. 332. -9.1 0.0420 0.59 0.17 2.90 162.0 10.0 299.9 2.0 0
0.00 34. 1012. 0 ADJ-A1 NoSubs
18 7 9 190 12 204.7 0.297 -9.000 -9.000 -999. 389. -11.6 0.0420 0.59 0.17 3.30 179.0 10.0 301.4 2.0 0
0.00 23. 1012. 0 ADJ-A1 NoSubs
18 7 9 190 13 206.7 0.359 -9.000 -9.000 -999. 517. -20.3 0.0420 0.59 0.17 4.22 171.0 10.0 300.9 2.0 0
0.00 27. 1012. 0 ADJ-A1 NoSubs
18 7 9 190 14 197.6 0.299 -9.000 -9.000 -999. 395. -12.2 0.0390 0.59 0.17 3.40 145.0 10.0 300.9 2.0 0
0.00 32. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 15 175.8 0.305 -9.000 -9.000 -999. 403. -14.5 0.0390 0.59 0.17 3.52 146.0 10.0 299.9 2.0 0
0.00 44. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 16 143.0 0.307 -9.000 -9.000 -999. 408. -18.2 0.0420 0.59 0.18 3.57 157.0 10.0 298.8 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
18 7 9 190 17 101.6 0.306 -9.000 -9.000 -999. 406. -25.3 0.0420 0.59 0.19 3.66 165.0 10.0 298.8 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
18 7 9 190 18 52.2 0.296 -9.000 -9.000 -999. 387. -44.7 0.0420 0.59 0.24 3.69 167.0 10.0 296.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
18 7 9 190 19 1.8 0.211 -9.000 -9.000 -999. 235. -466.5 0.0280 0.59 0.39 3.06 183.0 10.0 293.8 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
18 7 9 190 20 -14.4 0.159 -9.000 -9.000 -999. 152. 27.7 0.0280 0.59 1.00 2.52 193.0 10.0 290.9 2.0 0

0.00 69. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 21 -8.9 0.126 -9.000 -9.000 -999. 107. 20.1 0.0450 0.59 1.00 1.87 212.0 10.0 289.2 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 22 -10.9 0.137 -9.000 -9.000 -999. 122. 21.3 0.0280 0.59 1.00 2.20 199.0 10.0 288.1 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
18 7 9 190 23 -6.0 0.100 -9.000 -9.000 -999. 77. 15.3 0.0280 0.59 1.00 1.65 209.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 9 190 24 -8.9 0.125 -9.000 -9.000 -999. 106. 19.9 0.0420 0.59 1.00 1.89 156.0 10.0 287.0 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 1 -4.0 0.082 -9.000 -9.000 -999. 57. 12.7 0.0320 0.59 1.00 1.31 270.0 10.0 285.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 2 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0360 0.59 1.00 1.11 264.0 10.0 285.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 3 -2.9 0.072 -9.000 -9.000 -999. 47. 11.8 0.0360 0.59 1.00 1.08 263.0 10.0 285.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 7 10 191 4 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.59 1.00 1.06 301.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 7 10 191 5 -2.6 0.069 -9.000 -9.000 -999. 44. 11.8 0.0380 0.59 1.00 0.99 314.0 10.0 285.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 6 -2.9 0.077 -9.000 -9.000 -999. 51. 14.2 0.0380 0.59 0.51 1.20 307.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 7 29.1 0.091 0.517 0.029 171. 66. -2.3 0.0340 0.59 0.28 0.86 70.0 10.0 290.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 8 80.2 0.113 0.837 0.028 264. 91. -1.6 0.0390 0.59 0.20 0.97 137.0 10.0 293.8 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 9 125.7 0.202 1.006 0.025 292. 219. -6.0 0.0420 0.59 0.18 2.08 150.0 10.0 295.9 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 10 162.4 0.263 1.129 0.020 320. 325. -10.2 0.0420 0.59 0.17 2.89 152.0 10.0 297.0 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 11 188.6 0.298 1.251 0.017 375. 390. -12.6 0.0420 0.59 0.17 3.34 160.0 10.0 297.5 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 12 203.2 0.329 1.416 0.015 504. 454. -15.9 0.0420 0.59 0.17 3.78 172.0 10.0 298.8 2.0 0
0.00 44. 1011. 0 ADJ-A1 NoSubs
18 7 10 191 13 206.2 0.351 1.463 0.012 548. 500. -18.9 0.0420 0.59 0.17 4.10 164.0 10.0 300.4 2.0 0
0.00 34. 1010. 0 ADJ-A1 NoSubs
18 7 10 191 14 196.7 0.356 1.480 0.009 595. 510. -20.7 0.0420 0.59 0.17 4.19 155.0 10.0 299.2 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
18 7 10 191 15 175.7 0.319 1.479 0.006 664. 433. -16.6 0.0390 0.59 0.17 3.73 140.0 10.0 299.9 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
18 7 10 191 16 143.2 0.323 1.420 0.005 720. 441. -21.2 0.0420 0.59 0.18 3.81 159.0 10.0 299.2 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
18 7 10 191 17 101.2 0.323 1.300 0.005 781. 440. -29.8 0.0420 0.59 0.19 3.91 168.0 10.0 298.1 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
18 7 10 191 18 52.1 0.285 1.053 0.005 807. 365. -39.7 0.0420 0.59 0.24 3.52 159.0 10.0 296.4 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
18 7 10 191 19 0.9 0.319 0.266 0.005 790. 433. -3417.8 0.0390 0.59 0.39 4.42 129.0 10.0 291.4 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
18 7 10 191 20 -27.5 0.281 -9.000 -9.000 -999. 359. 87.1 0.0390 0.59 1.00 4.10 122.0 10.0 288.8 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 7 10 191 21 -21.8 0.222 -9.000 -9.000 -999. 253. 54.4 0.0360 0.59 1.00 3.32 105.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 7 10 191 22 -20.1 0.205 -9.000 -9.000 -999. 223. 46.1 0.0340 0.59 1.00 3.10 69.0 10.0 287.5 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 7 10 191 23 -21.4 0.218 -9.000 -9.000 -999. 244. 52.3 0.0340 0.59 1.00 3.29 84.0 10.0 287.0 2.0 0

0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 10 191 24 -10.3 0.134 -9.000 -9.000 -999. 121. 21.2 0.0370 0.59 1.00 2.06 52.0 10.0 287.0 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 11 192 1 -3.8 0.081 -9.000 -9.000 -999. 56. 12.7 0.0370 0.59 1.00 1.25 14.0 10.0 286.4 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
18 7 11 192 2 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.59 1.00 1.26 326.0 10.0 285.9 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 7 11 192 3 -2.6 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.59 1.00 1.01 309.0 10.0 285.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 7 11 192 4 -4.0 0.084 -9.000 -9.000 -999. 58. 13.1 0.0370 0.59 1.00 1.30 36.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 7 11 192 5 -9.8 0.131 -9.000 -9.000 -999. 113. 20.6 0.0370 0.59 1.00 2.01 59.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 7 11 192 6 -3.2 0.079 -9.000 -9.000 -999. 53. 13.6 0.0370 0.59 0.52 1.23 58.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 7 11 192 7 5.0 0.118 0.312 0.028 216. 98. -29.8 0.0340 0.59 0.28 1.50 75.0 10.0 286.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 7 11 192 8 17.7 0.188 0.524 0.032 291. 196. -34.0 0.0360 0.59 0.20 2.38 95.0 10.0 287.0 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 7 11 192 9 29.3 0.146 0.649 0.035 335. 134. -9.6 0.0340 0.59 0.18 1.67 79.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 7 11 192 10 160.1 0.215 1.235 0.033 424. 239. -5.6 0.0390 0.59 0.17 2.23 144.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 7 11 192 11 186.3 0.301 1.338 0.030 463. 396. -13.2 0.0420 0.59 0.17 3.39 152.0 10.0 292.0 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 7 11 192 12 200.8 0.311 1.457 0.028 554. 416. -13.5 0.0420 0.59 0.17 3.51 173.0 10.0 293.1 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
18 7 11 192 13 203.3 0.343 1.483 0.026 577. 481. -17.8 0.0280 0.59 0.17 4.32 187.0 10.0 293.8 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
18 7 11 192 14 193.5 0.419 1.475 0.018 596. 650. -34.1 0.0280 0.59 0.17 5.55 192.0 10.0 291.4 2.0 0
0.00 75. 1007. 0 ADJ-A1 NoSubs
18 7 11 192 15 172.4 0.377 1.434 0.021 614. 557. -27.8 0.0450 0.59 0.17 4.48 222.0 10.0 292.0 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
18 7 11 192 16 139.8 0.357 1.350 0.020 631. 512. -29.2 0.0450 0.59 0.18 4.26 218.0 10.0 290.9 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
18 7 11 192 17 98.2 0.322 1.208 0.019 644. 439. -30.4 0.0450 0.59 0.19 3.85 212.0 10.0 290.4 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
18 7 11 192 18 49.4 0.353 0.964 0.018 650. 504. -80.0 0.0450 0.59 0.24 4.48 211.0 10.0 289.2 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
18 7 11 192 19 6.8 0.249 0.498 0.018 650. 304. -203.5 0.0450 0.59 0.39 3.27 220.0 10.0 288.1 2.0 0
0.00 93. 1006. 5 ADJ-A1 NoSubs
18 7 11 192 20 -16.8 0.175 -9.000 -9.000 -999. 178. 33.7 0.0450 0.59 1.00 2.54 217.0 10.0 287.0 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 7 11 192 21 -9.6 0.131 -9.000 -9.000 -999. 114. 20.9 0.0450 0.59 1.00 1.94 222.0 10.0 287.0 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 7 11 192 22 -5.6 0.099 -9.000 -9.000 -999. 75. 15.6 0.0450 0.59 1.00 1.50 228.0 10.0 287.0 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 7 11 192 23 -6.2 0.104 -9.000 -9.000 -999. 81. 16.4 0.0450 0.59 1.00 1.57 221.0 10.0 287.0 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 7 11 192 24 -4.3 0.086 -9.000 -9.000 -999. 61. 13.2 0.0320 0.59 1.00 1.38 278.0 10.0 287.0 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 7 12 193 1 -8.6 0.123 -9.000 -9.000 -999. 104. 19.6 0.0450 0.59 1.00 1.84 222.0 10.0 286.4 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 7 12 193 2 -6.9 0.110 -9.000 -9.000 -999. 87. 17.3 0.0450 0.59 1.00 1.65 238.0 10.0 286.4 2.0 0

0.00 100. 1007. 10 ADJ-A1 NoSubs
18 7 12 193 3 -13.7 0.157 -9.000 -9.000 -999. 150. 27.2 0.0450 0.59 1.00 2.30 229.0 10.0 285.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 7 12 193 4 -10.8 0.139 -9.000 -9.000 -999. 124. 22.3 0.0450 0.59 1.00 2.05 237.0 10.0 285.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
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0.00 100. 1008. 10 ADJ-A1 NoSubs
18 7 12 193 6 -9.1 0.135 -9.000 -9.000 -999. 119. 24.1 0.0450 0.59 0.52 1.98 214.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 7 12 193 7 4.9 0.153 0.366 0.035 360. 144. -65.8 0.0360 0.59 0.28 2.01 241.0 10.0 286.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 12 193 8 17.6 0.148 0.567 0.035 372. 136. -16.5 0.0360 0.59 0.21 1.76 243.0 10.0 287.0 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 7 12 193 9 126.6 0.220 1.155 0.034 438. 248. -7.6 0.0450 0.59 0.18 2.30 213.0 10.0 290.4 2.0 0
0.00 80. 1009. 3 ADJ-A1 NoSubs
18 7 12 193 10 159.8 0.306 1.276 0.031 468. 406. -16.1 0.0450 0.59 0.17 3.46 222.0 10.0 291.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
18 7 12 193 11 186.1 0.356 1.377 0.028 505. 510. -21.9 0.0450 0.59 0.17 4.15 235.0 10.0 292.0 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 7 12 193 12 200.7 0.378 1.450 0.024 548. 557. -24.2 0.0450 0.59 0.17 4.44 224.0 10.0 293.1 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 7 12 193 13 203.4 0.386 1.471 0.021 564. 576. -25.5 0.0450 0.59 0.17 4.56 225.0 10.0 294.2 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 7 12 193 14 194.1 0.453 1.460 0.008 578. 731. -43.0 0.0450 0.59 0.17 5.55 229.0 10.0 293.8 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 7 12 193 15 172.3 0.429 1.413 0.011 590. 674. -41.1 0.0450 0.59 0.17 5.24 235.0 10.0 292.0 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 7 12 193 16 140.2 0.366 1.329 0.016 603. 534. -31.4 0.0450 0.59 0.18 4.39 229.0 10.0 292.5 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
18 7 12 193 17 98.6 0.337 1.188 0.015 613. 470. -34.8 0.0450 0.59 0.19 4.07 219.0 10.0 292.0 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 7 12 193 18 49.4 0.278 0.946 0.014 617. 354. -39.2 0.0450 0.59 0.24 3.39 228.0 10.0 289.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 7 12 193 19 -0.6 0.280 -9.000 -9.000 -999. 356. 3122.5 0.0450 0.59 0.39 3.78 223.0 10.0 288.1 2.0 0
0.00 93. 1010. 0 ADJ-A1 NoSubs
18 7 12 193 20 -19.2 0.195 -9.000 -9.000 -999. 209. 41.7 0.0450 0.59 1.00 2.81 218.0 10.0 287.5 2.0 0
0.00 96. 1010. 7 ADJ-A1 NoSubs
18 7 12 193 21 -9.3 0.129 -9.000 -9.000 -999. 112. 20.6 0.0450 0.59 1.00 1.91 218.0 10.0 287.5 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 7 12 193 22 -6.6 0.108 -9.000 -9.000 -999. 85. 17.0 0.0450 0.59 1.00 1.62 212.0 10.0 287.5 2.0 0
0.00 96. 1010. 7 ADJ-A1 NoSubs
18 7 12 193 23 -5.4 0.097 -9.000 -9.000 -999. 73. 15.3 0.0450 0.59 1.00 1.47 224.0 10.0 287.5 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 7 12 193 24 -8.8 0.123 -9.000 -9.000 -999. 103. 18.9 0.0280 0.59 1.00 1.99 207.0 10.0 287.5 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 7 13 194 1 -6.4 0.106 -9.000 -9.000 -999. 82. 16.7 0.0450 0.59 1.00 1.59 218.0 10.0 287.5 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 13 194 2 -5.5 0.098 -9.000 -9.000 -999. 74. 15.4 0.0450 0.59 1.00 1.48 223.0 10.0 287.5 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 13 194 3 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0320 0.59 1.00 1.08 290.0 10.0 287.5 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 13 194 4 -4.1 0.085 -9.000 -9.000 -999. 60. 13.6 0.0450 0.59 1.00 1.28 238.0 10.0 287.5 2.0 0
0.00 100. 1011. 7 ADJ-A1 NoSubs
18 7 13 194 5 -4.1 0.085 -9.000 -9.000 -999. 60. 13.5 0.0450 0.59 1.00 1.28 215.0 10.0 287.0 2.0 0

0.00 100. 1011. 7 ADJ-A1 NoSubs
18 7 13 194 6 -4.6 0.095 -9.000 -9.000 -999. 70. 16.7 0.0450 0.59 0.52 1.43 225.0 10.0 287.5 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 13 194 7 5.1 0.126 0.298 0.030 187. 107. -35.2 0.0450 0.59 0.28 1.52 222.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 13 194 8 67.1 0.147 0.893 0.033 383. 135. -4.3 0.0450 0.59 0.21 1.42 221.0 10.0 289.2 2.0 0
0.00 93. 1012. 7 ADJ-A1 NoSubs
18 7 13 194 9 123.3 0.153 1.120 0.032 411. 144. -2.6 0.0280 0.59 0.18 1.55 182.0 10.0 292.0 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
18 7 13 194 10 160.1 0.310 1.260 0.030 451. 415. -16.8 0.0420 0.59 0.17 3.58 160.0 10.0 293.1 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
18 7 13 194 11 187.0 0.343 1.395 0.028 525. 482. -19.5 0.0280 0.59 0.17 4.36 181.0 10.0 295.4 2.0 0
0.00 63. 1012. 0 ADJ-A1 NoSubs
18 7 13 194 12 200.7 0.364 1.484 0.026 588. 528. -21.7 0.0450 0.59 0.17 4.24 218.0 10.0 293.8 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 7 13 194 13 203.4 0.356 1.506 0.023 606. 511. -20.1 0.0450 0.59 0.17 4.12 233.0 10.0 294.9 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
18 7 13 194 14 194.0 0.405 1.490 0.020 616. 618. -30.9 0.0450 0.59 0.17 4.85 229.0 10.0 293.8 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 7 13 194 15 172.8 0.362 1.441 0.018 625. 524. -24.7 0.0450 0.59 0.17 4.26 229.0 10.0 293.8 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
18 7 13 194 16 139.9 0.395 1.348 0.017 632. 596. -39.8 0.0450 0.59 0.18 4.82 233.0 10.0 292.0 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
18 7 13 194 17 98.1 0.360 1.200 0.016 637. 520. -43.1 0.0450 0.59 0.19 4.42 219.0 10.0 290.9 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 7 13 194 18 11.1 0.266 0.581 0.016 637. 334. -152.6 0.0450 0.59 0.24 3.46 211.0 10.0 289.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 7 13 194 19 -6.1 0.246 -9.000 -9.000 -999. 294. 222.7 0.0450 0.59 0.39 3.42 213.0 10.0 288.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 7 13 194 20 -8.1 0.120 -9.000 -9.000 -999. 110. 19.1 0.0450 0.59 1.00 1.79 221.0 10.0 288.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 13 194 21 -7.2 0.113 -9.000 -9.000 -999. 91. 17.8 0.0420 0.59 1.00 1.71 162.0 10.0 288.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 13 194 22 -3.2 0.075 -9.000 -9.000 -999. 50. 12.2 0.0390 0.59 1.00 1.13 129.0 10.0 288.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 13 194 23 -7.1 0.111 -9.000 -9.000 -999. 89. 17.4 0.0390 0.59 1.00 1.71 144.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 13 194 24 -4.4 0.087 -9.000 -9.000 -999. 62. 13.6 0.0360 0.59 1.00 1.37 116.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 1 -8.1 0.118 -9.000 -9.000 -999. 98. 18.4 0.0340 0.59 1.00 1.86 87.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 2 -7.7 0.115 -9.000 -9.000 -999. 94. 18.0 0.0370 0.59 1.00 1.79 56.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 3 -7.1 0.110 -9.000 -9.000 -999. 88. 17.2 0.0370 0.59 1.00 1.72 57.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 4 -5.1 0.094 -9.000 -9.000 -999. 69. 14.6 0.0370 0.59 1.00 1.47 53.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 5 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0370 0.59 1.00 1.45 36.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 6 -4.7 0.095 -9.000 -9.000 -999. 70. 16.2 0.0340 0.59 0.53 1.50 61.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 7 5.1 0.093 0.285 0.030 162. 68. -14.1 0.0360 0.59 0.29 1.09 97.0 10.0 288.1 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 8 17.8 0.113 0.493 0.031 242. 92. -7.4 0.0340 0.59 0.21 1.26 88.0 10.0 288.8 2.0 0

0.00 92. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 9 29.2 0.153 0.647 0.033 334. 144. -11.1 0.0390 0.59 0.18 1.72 139.0 10.0 289.2 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 10 39.2 0.224 0.736 0.034 366. 255. -26.0 0.0420 0.59 0.17 2.69 160.0 10.0 292.0 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
18 7 14 195 11 185.8 0.298 1.304 0.032 431. 391. -12.9 0.0420 0.59 0.17 3.35 170.0 10.0 292.5 2.0 0
0.00 75. 1012. 0 ADJ-A1 NoSubs
18 7 14 195 12 200.7 0.276 1.382 0.029 475. 348. -9.4 0.0390 0.59 0.17 3.05 147.0 10.0 294.2 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
18 7 14 195 13 203.0 0.336 1.421 0.027 510. 468. -16.9 0.0280 0.59 0.17 4.22 192.0 10.0 294.2 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 7 14 195 14 194.0 0.338 1.447 0.025 564. 472. -18.0 0.0280 0.59 0.17 4.27 184.0 10.0 294.2 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 7 14 195 15 172.4 0.376 1.403 0.022 578. 553. -27.7 0.0420 0.59 0.17 4.53 170.0 10.0 293.1 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 7 14 195 16 139.9 0.298 1.316 0.021 587. 394. -17.1 0.0390 0.59 0.18 3.50 139.0 10.0 292.5 2.0 0
0.00 72. 1010. 0 ADJ-A1 Sub_CC
18 7 14 195 17 97.9 0.291 1.172 0.019 592. 377. -22.7 0.0390 0.59 0.19 3.51 132.0 10.0 290.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 7 14 195 18 48.8 0.283 0.930 0.019 595. 361. -41.7 0.0390 0.59 0.24 3.56 132.0 10.0 289.2 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 7 14 195 19 -7.8 0.267 -9.000 -9.000 -999. 331. 218.6 0.0360 0.59 0.39 3.86 94.0 10.0 287.5 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 14 195 20 -26.3 0.267 -9.000 -9.000 -999. 330. 78.2 0.0360 0.59 1.00 3.95 94.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 14 195 21 -21.8 0.221 -9.000 -9.000 -999. 250. 53.7 0.0360 0.59 1.00 3.30 96.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 14 195 22 -18.5 0.188 -9.000 -9.000 -999. 196. 38.9 0.0340 0.59 1.00 2.86 67.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 14 195 23 -14.4 0.159 -9.000 -9.000 -999. 153. 28.0 0.0340 0.59 1.00 2.45 64.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 14 195 24 -8.6 0.122 -9.000 -9.000 -999. 102. 19.0 0.0340 0.59 1.00 1.91 62.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 1 -7.5 0.114 -9.000 -9.000 -999. 92. 17.8 0.0370 0.59 1.00 1.77 40.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 2 -3.1 0.074 -9.000 -9.000 -999. 48. 11.9 0.0340 0.59 1.00 1.13 68.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 3 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0370 0.59 1.00 1.28 1.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 4 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.59 1.00 1.08 21.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 5 -7.7 0.116 -9.000 -9.000 -999. 94. 17.9 0.0340 0.59 1.00 1.82 63.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 6 -8.1 0.125 -9.000 -9.000 -999. 106. 21.6 0.0370 0.59 0.53 1.91 53.0 10.0 286.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 7 4.7 0.118 0.328 0.032 268. 98. -31.7 0.0370 0.59 0.29 1.48 36.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 8 17.3 0.123 0.577 0.036 400. 104. -9.8 0.0280 0.59 0.21 1.47 194.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 15 196 9 28.8 0.151 0.713 0.040 454. 140. -10.7 0.0280 0.59 0.18 1.81 198.0 10.0 288.1 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 10 38.3 0.185 0.806 0.041 493. 191. -14.9 0.0420 0.59 0.17 2.11 174.0 10.0 289.2 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 7 15 196 11 45.3 0.312 0.868 0.042 520. 418. -60.2 0.0420 0.59 0.17 3.95 175.0 10.0 290.9 2.0 0

0.00 77. 1011. 10 ADJ-A1 NoSubs
18 7 15 196 12 192.4 0.315 1.444 0.040 565. 424. -14.6 0.0280 0.59 0.17 3.90 198.0 10.0 290.9 2.0 0
0.00 77. 1011. 5 ADJ-A1 NoSubs
18 7 15 196 13 202.5 0.362 1.491 0.037 591. 522. -21.1 0.0280 0.59 0.17 4.63 203.0 10.0 293.1 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 7 15 196 14 193.5 0.425 1.479 0.024 604. 664. -35.6 0.0450 0.59 0.17 5.14 211.0 10.0 293.1 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 7 15 196 15 172.0 0.415 1.432 0.028 615. 642. -37.4 0.0450 0.59 0.17 5.04 217.0 10.0 292.5 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
18 7 15 196 16 139.4 0.389 1.342 0.031 624. 583. -38.0 0.0280 0.59 0.18 5.19 201.0 10.0 291.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 7 15 196 17 97.8 0.362 1.197 0.030 631. 523. -43.6 0.0280 0.59 0.19 4.87 208.0 10.0 291.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 7 15 196 18 48.7 0.317 0.950 0.029 634. 430. -59.1 0.0280 0.59 0.24 4.34 193.0 10.0 289.9 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
18 7 15 196 19 -1.3 0.207 -9.000 -9.000 -999. 232. 626.7 0.0280 0.59 0.39 3.07 185.0 10.0 288.1 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 7 15 196 20 -13.1 0.153 -9.000 -9.000 -999. 144. 25.7 0.0420 0.59 1.00 2.27 173.0 10.0 287.0 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 7 15 196 21 -17.2 0.176 -9.000 -9.000 -999. 177. 34.0 0.0390 0.59 1.00 2.62 121.0 10.0 287.0 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 7 15 196 22 -12.8 0.151 -9.000 -9.000 -999. 140. 25.0 0.0360 0.59 1.00 2.30 97.0 10.0 287.5 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 23 -8.6 0.122 -9.000 -9.000 -999. 102. 19.0 0.0340 0.59 1.00 1.91 62.0 10.0 287.5 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 15 196 24 -11.7 0.143 -9.000 -9.000 -999. 130. 22.6 0.0340 0.59 1.00 2.22 66.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 16 197 1 -10.0 0.132 -9.000 -9.000 -999. 115. 20.7 0.0340 0.59 1.00 2.06 79.0 10.0 287.0 2.0 0
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18 7 16 197 5 -1.9 0.064 -9.000 -9.000 -999. 39. 12.3 0.0380 0.59 1.00 0.80 300.0 10.0 286.4 2.0 0
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18 7 16 197 10 38.4 0.228 0.777 0.043 440. 261. -27.9 0.0280 0.59 0.17 2.98 192.0 10.0 289.9 2.0 0
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18 7 16 197 11 44.9 0.293 0.827 0.042 454. 381. -50.7 0.0280 0.59 0.17 3.98 203.0 10.0 289.9 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 7 16 197 12 162.0 0.329 1.300 0.041 489. 453. -19.8 0.0280 0.59 0.17 4.19 204.0 10.0 292.0 2.0 0
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18 7 17 198 12 199.3 0.331 1.393 0.036 489. 458. -16.5 0.0280 0.59 0.17 4.15 185.0 10.0 292.0 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
18 7 17 198 13 201.9 0.342 1.419 0.032 510. 480. -17.8 0.0280 0.59 0.17 4.31 196.0 10.0 292.5 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 7 17 198 14 193.1 0.363 1.411 0.029 524. 524. -22.2 0.0280 0.59 0.17 4.66 203.0 10.0 293.1 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 7 17 198 15 171.7 0.312 1.367 0.027 536. 420. -16.0 0.0280 0.59 0.17 3.90 206.0 10.0 292.5 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 7 17 198 16 139.0 0.352 1.282 0.025 546. 502. -28.3 0.0280 0.59 0.18 4.61 197.0 10.0 291.4 2.0 0
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18 7 17 198 17 96.9 0.354 1.141 0.024 552. 506. -41.3 0.0280 0.59 0.19 4.75 198.0 10.0 289.9 2.0 0

0.00 83. 1009. 0 ADJ-A1 NoSubs
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18 7 17 198 19 -6.0 0.177 -9.000 -9.000 -999. 182. 83.2 0.0280 0.59 0.40 2.72 183.0 10.0 287.0 2.0 0
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18 7 17 198 21 -5.7 0.099 -9.000 -9.000 -999. 76. 15.4 0.0390 0.59 1.00 1.54 137.0 10.0 285.9 2.0 0
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18 7 18 199 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0360 0.59 1.00 1.37 106.0 10.0 999.0 -9.0
0 0.00 999. 1010. 10 ADJ-A1 NoSubs
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0 0.00 999. 1010. 10 ADJ-A1 NoSubs
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0 0.00 999. 1010. 10 ADJ-A1 NoSubs
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0 0.00 999. 1010. 10 ADJ-A1 NoSubs
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0 0.00 999. 1010. 10 ADJ-A1 NoSubs
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0 0.00 999. 1010. 10 ADJ-A1 NoSubs
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0 0.00 999. 1011. 10 ADJ-A1 NoSubs
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18 7 19 200 6 -8.6 0.126 -9.000 -9.000 -999. 108. 21.2 0.0280 0.59 0.55 2.03 206.0 10.0 287.4 2.0 0
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18 7 19 200 7 4.6 0.104 0.265 0.036 147. 80. -22.0 0.0450 0.59 0.29 1.21 213.0 10.0 288.3 2.0 0
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18 7 19 200 11 185.6 0.301 1.323 0.038 449. 396. -13.2 0.0420 0.59 0.17 3.39 173.0 10.0 295.4 2.0 0
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18 7 19 200 14 193.6 0.359 1.408 0.028 519. 515. -21.4 0.0450 0.59 0.17 4.17 222.0 10.0 295.4 2.0 0
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18 7 19 200 15 172.5 0.328 1.365 0.025 530. 451. -18.4 0.0450 0.59 0.17 3.76 228.0 10.0 295.9 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 7 19 200 16 139.9 0.328 1.280 0.023 539. 450. -22.6 0.0450 0.59 0.18 3.83 216.0 10.0 295.4 2.0 0
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0.00 67. 1007. 0 ADJ-A1 NoSubs
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0.00 100. 1008. 10 ADJ-A1 NoSubs
18 7 20 201 7 4.3 0.154 0.216 0.030 84. 144. -75.9 0.0360 0.59 0.29 2.03 243.0 10.0 287.8 2.0 0
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18 7 20 201 8 17.3 0.183 0.429 0.031 164. 188. -31.9 0.0450 0.59 0.21 2.20 236.0 10.0 289.0 2.0 0
0.00 999. 1009. 10 ADJ-A1 Sub_TT
18 7 20 201 9 100.3 0.217 0.914 0.032 274. 243. -9.2 0.0450 0.59 0.18 2.32 237.0 10.0 290.4 2.0 0
0.00 80. 1009. 7 ADJ-A1 NoSubs
18 7 20 201 10 157.8 0.329 1.146 0.026 343. 453. -20.3 0.0450 0.59 0.17 3.81 225.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 7 20 201 11 184.7 0.380 1.278 0.019 407. 563. -26.8 0.0450 0.59 0.17 4.51 216.0 10.0 293.8 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 7 20 201 12 199.6 0.354 1.344 0.021 438. 506. -20.0 0.0450 0.59 0.17 4.09 213.0 10.0 294.9 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 7 20 201 13 202.3 -9.000 -9.000 -9.000 467. -999. -99999.0 0.0373 0.59 0.17 999.00 999.0 -9.0 295.4 2.0
0 0.00 63. 1008. 0 NAD NoSubs
18 7 20 201 14 193.3 0.410 1.383 0.017 493. 631. -32.2 0.0360 0.59 0.17 5.16 245.0 10.0 295.4 2.0 0
0.00 63. 1008. 0 ADJ-A1 Sub_CC
18 7 20 201 15 172.3 0.387 1.369 0.019 536. 579. -30.3 0.0360 0.59 0.17 4.85 249.0 10.0 295.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 7 20 201 16 139.9 0.359 1.316 0.018 586. 517. -29.7 0.0360 0.59 0.18 4.49 256.0 10.0 295.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 7 20 201 17 97.5 0.324 1.194 0.017 628. 444. -31.4 0.0360 0.59 0.19 4.07 243.0 10.0 294.2 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 7 20 201 18 48.0 0.294 0.952 0.017 646. 383. -47.7 0.0450 0.59 0.24 3.63 228.0 10.0 292.5 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
18 7 20 201 19 -3.0 0.253 -9.000 -9.000 -999. 306. 489.9 0.0450 0.59 0.40 3.46 229.0 10.0 289.9 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 7 20 201 20 -14.5 0.162 -9.000 -9.000 -999. 160. 29.0 0.0450 0.59 1.00 2.37 231.0 10.0 288.8 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 7 20 201 21 -13.9 0.159 -9.000 -9.000 -999. 152. 27.7 0.0450 0.59 1.00 2.32 224.0 10.0 288.8 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 20 201 22 -9.7 0.130 -9.000 -9.000 -999. 113. 20.5 0.0360 0.59 1.00 2.01 249.0 10.0 288.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 20 201 23 -6.4 0.105 -9.000 -9.000 -999. 82. 16.4 0.0360 0.59 1.00 1.65 253.0 10.0 288.8 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 7 20 201 24 -13.6 0.156 -9.000 -9.000 -999. 147. 26.6 0.0360 0.59 1.00 2.37 259.0 10.0 288.1 2.0 0
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18 7 21 202 1 -14.5 0.161 -9.000 -9.000 -999. 154. 28.3 0.0360 0.59 1.00 2.44 258.0 10.0 288.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 21 202 2 -5.1 0.093 -9.000 -9.000 -999. 70. 14.5 0.0360 0.59 1.00 1.47 269.0 10.0 288.1 2.0 0

0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 21 202 3 -5.6 0.098 -9.000 -9.000 -999. 73. 15.0 0.0320 0.59 1.00 1.57 295.0 10.0 288.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 21 202 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.59 1.00 1.59 300.0 10.0 999.0 -9.0
0 0.00 999. 1009. 10 ADJ-A1 NoSubs
18 7 21 202 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.59 1.00 1.21 304.0 10.0 999.0 -9.0
0 0.00 999. 1009. 10 ADJ-A1 NoSubs
18 7 21 202 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0360 0.59 0.56 1.47 269.0 10.0 999.0 -9.0
0 0.00 999. 1010. 10 ADJ-A1 NoSubs
18 7 21 202 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0360 0.59 0.30 1.98 261.0 10.0 999.0 -9.0
0 0.00 999. 1010. 10 ADJ-A1 NoSubs
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0 0.00 999. 1010. 10 ADJ-A1 NoSubs
18 7 21 202 9 118.9 0.209 -9.000 -9.000 -999. 229. -6.9 0.0360 0.59 0.18 2.27 248.0 10.0 291.4 2.0 0
0.00 77. 1011. 5 ADJ-A1 NoSubs
18 7 21 202 10 157.9 0.246 -9.000 -9.000 -999. 292. -8.4 0.0360 0.59 0.17 2.73 246.0 10.0 293.8 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 7 21 202 11 185.0 0.374 -9.000 -9.000 -999. 550. -25.5 0.0450 0.59 0.17 4.42 222.0 10.0 295.4 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 7 21 202 12 199.2 0.360 -9.000 -9.000 -999. 520. -21.2 0.0360 0.59 0.17 4.39 246.0 10.0 294.2 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 7 21 202 13 202.4 0.382 -9.000 -9.000 -999. 566. -24.8 0.0360 0.59 0.17 4.71 254.0 10.0 295.9 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
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0.00 63. 1010. 0 ADJ-A1 NoSubs
18 7 21 202 15 171.6 0.371 -9.000 -9.000 -999. 545. -26.9 0.0360 0.59 0.17 4.61 246.0 10.0 294.9 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
18 7 21 202 16 138.4 0.390 -9.000 -9.000 -999. 585. -38.7 0.0360 0.59 0.18 4.97 253.0 10.0 292.5 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
18 7 21 202 17 81.5 0.350 -9.000 -9.000 -999. 498. -47.3 0.0360 0.59 0.19 4.51 259.0 10.0 290.9 2.0 0
0.00 83. 1010. 7 ADJ-A1 NoSubs
18 7 21 202 18 10.3 0.285 -9.000 -9.000 -999. 368. -202.6 0.0360 0.59 0.24 3.90 251.0 10.0 289.2 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
18 7 21 202 19 -6.3 0.188 -9.000 -9.000 -999. 199. 94.1 0.0360 0.59 0.41 2.76 265.0 10.0 288.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 7 21 202 20 -16.4 0.171 -9.000 -9.000 -999. 170. 32.2 0.0360 0.59 1.00 2.59 264.0 10.0 288.8 2.0 0
0.00 999. 1012. 10 ADJ-A1 Sub_TT
18 7 21 202 21 -8.6 0.122 -9.000 -9.000 -999. 102. 19.0 0.0320 0.59 1.00 1.93 290.0 10.0 288.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 7 21 202 22 -5.6 0.098 -9.000 -9.000 -999. 73. 15.0 0.0320 0.59 1.00 1.57 296.0 10.0 288.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 7 21 202 23 -8.2 0.120 -9.000 -9.000 -999. 99. 18.7 0.0360 0.59 1.00 1.86 266.0 10.0 288.1 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
18 7 21 202 24 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.59 1.00 1.25 310.0 10.0 288.1 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 7 22 203 1 -2.8 0.072 -9.000 -9.000 -999. 46. 11.9 0.0380 0.59 1.00 1.06 310.0 10.0 288.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 22 203 2 -5.5 0.098 -9.000 -9.000 -999. 73. 15.2 0.0380 0.59 1.00 1.52 327.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 7 22 203 3 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.59 1.00 1.13 259.0 10.0 287.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 7 22 203 4 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.59 1.00 1.25 250.0 10.0 287.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 7 22 203 5 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0320 0.59 1.00 1.26 290.0 10.0 287.5 2.0 0

0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 22 203 6 -5.6 0.101 -9.000 -9.000 -999. 78. 16.8 0.0360 0.59 0.56 1.59 262.0 10.0 287.0 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 7 22 203 7 4.3 0.107 0.285 0.005 193. 84. -25.7 0.0380 0.59 0.30 1.31 303.0 10.0 288.8 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 7 22 203 8 17.0 0.121 0.517 0.014 293. 101. -9.5 0.0450 0.59 0.21 1.30 223.0 10.0 288.8 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 7 22 203 9 29.1 0.173 0.694 0.030 414. 173. -16.1 0.0420 0.59 0.18 1.99 165.0 10.0 291.4 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
18 7 22 203 10 160.3 0.242 1.451 0.032 689. 287. -8.0 0.0280 0.59 0.17 2.83 196.0 10.0 292.5 2.0 0
0.00 75. 1013. 3 ADJ-A1 NoSubs
18 7 22 203 11 184.3 0.342 1.545 0.030 724. 481. -19.7 0.0450 0.59 0.17 3.95 218.0 10.0 294.2 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
18 7 22 203 12 198.9 0.377 1.605 0.028 753. 556. -24.4 0.0360 0.59 0.17 4.65 258.0 10.0 294.2 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
18 7 22 203 13 201.7 0.356 1.623 0.026 766. 511. -20.3 0.0360 0.59 0.17 4.32 249.0 10.0 294.9 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
18 7 22 203 14 192.7 0.369 1.607 0.024 779. 537. -23.5 0.0360 0.59 0.17 4.53 241.0 10.0 294.9 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
18 7 22 203 15 171.2 0.430 1.552 0.022 790. 676. -41.9 0.0450 0.59 0.17 5.26 231.0 10.0 294.2 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
18 7 22 203 16 138.3 0.381 1.451 0.021 798. 567. -36.1 0.0360 0.59 0.18 4.83 240.0 10.0 293.1 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
18 7 22 203 17 96.0 0.330 1.288 0.020 804. 457. -33.8 0.0450 0.59 0.19 3.98 235.0 10.0 292.0 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
18 7 22 203 18 50.3 0.322 1.039 0.019 806. 439. -60.1 0.0450 0.59 0.24 4.03 215.0 10.0 290.4 2.0 0
0.00 83. 1013. 5 ADJ-A1 NoSubs
18 7 22 203 19 -3.1 0.197 -9.000 -9.000 -999. 219. 222.1 0.0280 0.59 0.41 2.98 204.0 10.0 289.2 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
18 7 22 203 20 -17.7 0.180 -9.000 -9.000 -999. 183. 35.6 0.0420 0.59 1.00 2.64 176.0 10.0 288.8 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 7 22 203 21 -16.5 0.173 -9.000 -9.000 -999. 172. 32.8 0.0420 0.59 1.00 2.54 168.0 10.0 288.8 2.0 0
0.00 92. 1014. 7 ADJ-A1 NoSubs
18 7 22 203 22 -14.2 0.159 -9.000 -9.000 -999. 153. 28.0 0.0390 0.59 1.00 2.39 141.0 10.0 288.8 2.0 0
0.00 92. 1014. 7 ADJ-A1 NoSubs
18 7 22 203 23 -12.8 0.151 -9.000 -9.000 -999. 141. 25.0 0.0390 0.59 1.00 2.27 121.0 10.0 288.8 2.0 0
0.00 92. 1014. 7 ADJ-A1 NoSubs
18 7 22 203 24 -4.9 0.091 -9.000 -9.000 -999. 67. 14.1 0.0340 0.59 1.00 1.45 72.0 10.0 288.8 2.0 0
0.00 92. 1013. 5 ADJ-A1 NoSubs
18 7 23 204 1 -6.3 0.104 -9.000 -9.000 -999. 81. 16.1 0.0340 0.59 1.00 1.65 75.0 10.0 288.1 2.0 0
0.00 93. 1013. 0 ADJ-A1 NoSubs
18 7 23 204 2 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0370 0.59 1.00 1.16 8.0 10.0 287.5 2.0 0
0.00 93. 1013. 0 ADJ-A1 NoSubs
18 7 23 204 3 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.59 1.00 1.14 329.0 10.0 285.9 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 7 23 204 4 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0380 0.59 1.00 1.08 320.0 10.0 287.0 2.0 0
0.00 92. 1012. 7 ADJ-A1 NoSubs
18 7 23 204 5 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.59 1.00 1.11 312.0 10.0 285.9 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 7 23 204 6 -2.9 0.074 -9.000 -9.000 -999. 48. 12.6 0.0440 0.59 0.57 1.09 339.0 10.0 287.5 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
18 7 23 204 7 27.7 0.114 0.596 0.027 276. 93. -4.9 0.0370 0.59 0.30 1.18 36.0 10.0 288.1 2.0 0
0.00 93. 1013. 5 ADJ-A1 NoSubs
18 7 23 204 8 73.9 0.131 0.887 0.028 342. 114. -2.8 0.0390 0.59 0.21 1.23 143.0 10.0 291.4 2.0 0

0.00 77. 1013. 0 ADJ-A1 NoSubs
18 7 23 204 9 120.1 0.179 1.096 0.028 396. 182. -4.3 0.0420 0.59 0.18 1.76 169.0 10.0 293.1 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
18 7 23 204 10 157.4 0.213 1.257 0.028 456. 236. -5.5 0.0280 0.59 0.17 2.38 189.0 10.0 294.2 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
18 7 23 204 11 184.9 0.266 1.371 0.027 503. 330. -9.2 0.0280 0.59 0.17 3.15 197.0 10.0 296.4 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
18 7 23 204 12 200.0 0.318 1.443 0.024 542. 429. -14.4 0.0280 0.59 0.17 3.93 204.0 10.0 297.5 2.0 0
0.00 55. 1012. 0 ADJ-A1 NoSubs
18 7 23 204 13 203.3 0.338 1.481 0.022 577. 472. -17.1 0.0450 0.59 0.17 3.85 227.0 10.0 299.2 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
18 7 23 204 14 192.9 0.388 1.482 0.019 609. 580. -27.4 0.0450 0.59 0.17 4.61 217.0 10.0 295.9 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
18 7 23 204 15 171.1 0.308 1.449 0.017 642. 413. -15.4 0.0280 0.59 0.17 3.83 193.0 10.0 294.9 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 7 23 204 16 137.6 0.375 1.367 0.016 669. 550. -34.5 0.0420 0.59 0.18 4.59 171.0 10.0 292.0 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
18 7 23 204 17 95.3 0.382 1.221 0.015 688. 566. -52.6 0.0420 0.59 0.19 4.80 157.0 10.0 290.9 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 7 23 204 18 46.0 0.377 0.966 0.014 706. 555. -104.7 0.0390 0.59 0.25 4.97 144.0 10.0 290.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
18 7 23 204 19 3.7 0.345 0.418 0.014 703. 488. -992.3 0.0390 0.59 0.41 4.76 133.0 10.0 288.8 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
18 7 23 204 20 -24.6 0.250 -9.000 -9.000 -999. 305. 68.8 0.0390 0.59 1.00 3.66 137.0 10.0 288.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
18 7 23 204 21 -17.6 0.179 -9.000 -9.000 -999. 183. 35.2 0.0390 0.59 1.00 2.66 128.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 7 23 204 22 -4.9 0.092 -9.000 -9.000 -999. 70. 14.3 0.0390 0.59 1.00 1.42 122.0 10.0 287.5 2.0 0
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18 7 23 204 23 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0320 0.59 1.00 1.09 288.0 10.0 287.0 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 7 23 204 24 -2.3 0.067 -9.000 -9.000 -999. 42. 11.7 0.0370 0.59 1.00 0.94 21.0 10.0 287.5 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 1 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0320 0.59 1.00 1.25 292.0 10.0 285.9 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 2 -1.7 0.062 -9.000 -9.000 -999. 37. 12.2 0.0320 0.59 1.00 0.77 280.0 10.0 287.0 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 7 24 205 3 -3.1 0.075 -9.000 -9.000 -999. 49. 12.1 0.0370 0.59 1.00 1.13 4.0 10.0 287.0 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 7 24 205 4 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.59 1.00 1.06 308.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 24 205 5 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.59 1.00 1.20 14.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 24 205 6 -3.5 0.079 -9.000 -9.000 -999. 53. 12.8 0.0320 0.59 0.57 1.26 291.0 10.0 286.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 7 24 205 7 3.6 0.084 0.262 0.019 181. 58. -14.7 0.0320 0.59 0.30 1.01 290.0 10.0 287.0 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 7 24 205 8 16.9 0.104 0.489 0.028 250. 81. -6.1 0.0450 0.59 0.21 1.06 232.0 10.0 289.2 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
18 7 24 205 9 119.4 0.146 1.170 0.040 484. 134. -2.3 0.0390 0.59 0.18 1.33 143.0 10.0 292.5 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
18 7 24 205 10 157.8 0.208 1.314 0.037 519. 228. -5.1 0.0280 0.59 0.17 2.30 199.0 10.0 295.9 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
18 7 24 205 11 184.8 0.290 1.406 0.035 543. 374. -11.9 0.0280 0.59 0.17 3.52 204.0 10.0 297.0 2.0 0

0.00 54. 1012. 0 ADJ-A1 NoSubs
18 7 24 205 12 200.0 0.309 1.466 0.032 569. 413. -13.4 0.0280 0.59 0.17 3.80 185.0 10.0 298.1 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 13 202.3 0.365 1.508 0.030 612. 529. -21.7 0.0280 0.59 0.17 4.68 191.0 10.0 297.5 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 14 193.1 0.362 1.528 0.029 667. 523. -22.1 0.0280 0.59 0.17 4.65 192.0 10.0 297.0 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 15 170.8 0.363 1.480 0.027 685. 524. -25.2 0.0420 0.59 0.17 4.34 164.0 10.0 294.9 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 16 137.7 0.386 1.383 0.026 694. 574. -37.5 0.0420 0.59 0.18 4.75 178.0 10.0 293.1 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 17 95.3 0.347 1.227 0.025 700. 492. -39.5 0.0420 0.59 0.19 4.29 169.0 10.0 292.0 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 18 45.8 0.328 0.963 0.024 703. 451. -69.5 0.0420 0.59 0.25 4.19 163.0 10.0 290.9 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 19 -4.8 0.253 -9.000 -9.000 -999. 309. 304.7 0.0420 0.59 0.41 3.54 160.0 10.0 289.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
18 7 24 205 20 -19.4 0.198 -9.000 -9.000 -999. 212. 43.1 0.0420 0.59 1.00 2.89 170.0 10.0 288.8 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
18 7 24 205 21 -8.9 0.125 -9.000 -9.000 -999. 108. 19.9 0.0420 0.59 1.00 1.89 176.0 10.0 287.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 7 24 205 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 288.1 2.0
0 0.00 89. 1012. 0 ADJ-SFC NoSubs
18 7 24 205 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.5 2.0
0 0.00 93. 1012. 0 ADJ-SFC NoSubs
18 7 24 205 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.5 2.0
0 0.00 93. 1012. 0 ADJ-SFC NoSubs
18 7 25 206 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 96. 1012. 0 ADJ-SFC NoSubs
18 7 25 206 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 92. 1011. 0 ADJ-SFC NoSubs
18 7 25 206 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 100. 1011. 10 ADJ-SFC NoSubs
18 7 25 206 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 100. 1012. 10 ADJ-SFC NoSubs
18 7 25 206 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 999.0 -9.0
0 0.00 999. 1012. 10 ADJ-SFC NoSubs
18 7 25 206 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.58 0.00 0.0 10.0 999.0 -9.0
0 0.00 999. 1012. 10 ADJ-SFC NoSubs
18 7 25 206 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.30 0.00 0.0 10.0 999.0 -9.0
0 0.00 999. 1012. 10 ADJ-SFC NoSubs
18 7 25 206 8 72.6 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.21 0.00 0.0 10.0 290.4 2.0 0
0.00 83. 1012. 0 ADJ-SFC NoSubs
18 7 25 206 9 119.2 0.206 -9.000 -9.000 -999. 225. -6.7 0.0280 0.59 0.18 2.36 193.0 10.0 293.1 2.0 0
0.00 72. 1012. 0 ADJ-SFC NoSubs
18 7 25 206 10 157.4 0.276 -9.000 -9.000 -999. 348. -12.1 0.0280 0.59 0.17 3.36 184.0 10.0 295.9 2.0 0
0.00 60. 1013. 0 ADJ-SFC NoSubs
18 7 25 206 11 184.5 0.332 -9.000 -9.000 -999. 460. -18.0 0.0420 0.59 0.17 3.86 167.0 10.0 297.0 2.0 0
0.00 56. 1012. 0 ADJ-SFC NoSubs
18 7 25 206 12 200.0 0.344 -9.000 -9.000 -999. 485. -18.4 0.0280 0.59 0.17 4.36 195.0 10.0 298.8 2.0 0
0.00 51. 1012. 0 ADJ-SFC NoSubs
18 7 25 206 13 202.6 0.376 -9.000 -9.000 -999. 554. -23.7 0.0280 0.59 0.17 4.86 186.0 10.0 298.8 2.0 0
0.00 49. 1011. 0 ADJ-SFC NoSubs
18 7 25 206 14 192.8 0.312 -9.000 -9.000 -999. 421. -14.3 0.0280 0.59 0.17 3.86 196.0 10.0 297.0 2.0 0

0.00 52. 1012. 0 ADJ-SFC NoSubs
18 7 25 206 15 169.9 0.442 -9.000 -9.000 -999. 705. -45.9 0.0280 0.59 0.17 5.96 183.0 10.0 293.1 2.0 0
0.00 67. 1011. 0 ADJ-SFC NoSubs
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0.00 67. 1011. 0 ADJ-SFC NoSubs
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0.00 67. 1011. 0 ADJ-SFC NoSubs
18 7 25 206 18 45.5 0.306 -9.000 -9.000 -999. 407. -56.6 0.0420 0.59 0.25 3.86 159.0 10.0 291.4 2.0 0
0.00 72. 1010. 0 ADJ-SFC NoSubs
18 7 25 206 19 -5.1 0.241 -9.000 -9.000 -999. 286. 248.5 0.0420 0.59 0.42 3.38 152.0 10.0 289.9 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
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0.00 86. 1011. 0 ADJ-A1 NoSubs
18 7 25 206 21 -17.2 0.176 -9.000 -9.000 -999. 177. 34.0 0.0390 0.59 1.00 2.62 137.0 10.0 287.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 7 25 206 22 -7.8 0.116 -9.000 -9.000 -999. 96. 18.3 0.0390 0.59 1.00 1.79 138.0 10.0 287.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
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0.00 92. 1011. 0 ADJ-A1 NoSubs
18 7 25 206 24 -4.2 0.085 -9.000 -9.000 -999. 59. 13.2 0.0360 0.59 1.00 1.33 266.0 10.0 286.4 2.0 0
0.00 92. 1011. 7 ADJ-A1 NoSubs
18 7 26 207 1 -2.0 0.064 -9.000 -9.000 -999. 39. 11.7 0.0320 0.59 1.00 0.87 273.0 10.0 285.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 7 26 207 2 -1.9 0.064 -9.000 -9.000 -999. 39. 12.1 0.0370 0.59 1.00 0.82 53.0 10.0 286.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 7 26 207 3 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0360 0.59 1.00 1.40 103.0 10.0 286.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 7 26 207 4 -6.2 0.103 -9.000 -9.000 -999. 80. 15.9 0.0340 0.59 1.00 1.64 61.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 26 207 5 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.59 1.00 1.33 55.0 10.0 285.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 26 207 6 -3.6 0.081 -9.000 -9.000 -999. 55. 13.2 0.0370 0.59 0.58 1.26 49.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 26 207 7 3.2 0.093 0.254 0.045 185. 68. -23.1 0.0340 0.59 0.30 1.16 79.0 10.0 286.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 26 207 8 16.2 0.094 0.480 0.050 246. 69. -4.6 0.0360 0.59 0.21 0.97 93.0 10.0 287.5 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
18 7 26 207 9 98.7 0.134 1.077 0.052 456. 118. -2.2 0.0390 0.59 0.18 1.21 140.0 10.0 290.9 2.0 0
0.00 74. 1011. 7 ADJ-A1 NoSubs
18 7 26 207 10 155.8 0.230 1.291 0.050 499. 265. -7.1 0.0420 0.59 0.17 2.42 175.0 10.0 292.5 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
18 7 26 207 11 183.1 0.263 1.383 0.047 522. 323. -8.9 0.0280 0.59 0.17 3.10 199.0 10.0 294.2 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 7 26 207 12 198.1 0.314 1.434 0.044 537. 423. -14.1 0.0280 0.59 0.17 3.88 209.0 10.0 294.9 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 7 26 207 13 200.7 0.313 1.454 0.041 552. 421. -13.8 0.0280 0.59 0.17 3.86 194.0 10.0 294.9 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 7 26 207 14 192.0 0.301 1.443 0.038 564. 396. -12.8 0.0280 0.59 0.17 3.68 181.0 10.0 295.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 7 26 207 15 170.4 0.349 1.395 0.035 574. 495. -22.5 0.0420 0.59 0.17 4.14 171.0 10.0 295.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
18 7 26 207 16 137.4 0.356 1.304 0.033 582. 509. -29.5 0.0420 0.59 0.18 4.31 165.0 10.0 294.2 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
18 7 26 207 17 94.8 0.344 1.156 0.032 587. 483. -38.5 0.0420 0.59 0.19 4.24 156.0 10.0 293.1 2.0 0

0.00 64. 1009. 0 ADJ-A1 NoSubs
18 7 26 207 18 45.0 0.340 0.903 0.032 589. 476. -78.7 0.0420 0.59 0.25 4.37 161.0 10.0 291.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 7 26 207 19 -6.6 0.276 -9.000 -9.000 -999. 350. 287.4 0.0420 0.59 0.42 3.86 164.0 10.0 289.2 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 7 26 207 20 -22.4 0.229 -9.000 -9.000 -999. 264. 57.7 0.0420 0.59 1.00 3.32 153.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 7 26 207 21 -12.9 0.151 -9.000 -9.000 -999. 143. 25.2 0.0390 0.59 1.00 2.28 135.0 10.0 287.0 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 7 26 207 22 -5.1 0.093 -9.000 -9.000 -999. 69. 14.4 0.0360 0.59 1.00 1.47 92.0 10.0 287.0 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 7 26 207 23 -6.8 0.108 -9.000 -9.000 -999. 86. 16.9 0.0370 0.59 1.00 1.69 54.0 10.0 286.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 7 26 207 24 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0370 0.59 1.00 1.42 23.0 10.0 286.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 7 27 208 1 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0380 0.59 1.00 1.30 321.0 10.0 285.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 7 27 208 2 -3.3 0.076 -9.000 -9.000 -999. 50. 11.9 0.0320 0.59 1.00 1.18 280.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 7 27 208 3 -4.2 0.085 -9.000 -9.000 -999. 60. 13.2 0.0340 0.59 1.00 1.35 63.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 7 27 208 4 -5.2 0.094 -9.000 -9.000 -999. 70. 14.5 0.0340 0.59 1.00 1.50 66.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 27 208 5 -2.9 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.59 1.00 1.09 100.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 27 208 6 -5.7 0.101 -9.000 -9.000 -999. 77. 16.2 0.0340 0.59 0.59 1.60 64.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 7 27 208 7 3.0 0.108 0.253 0.033 191. 85. -37.7 0.0370 0.59 0.30 1.37 57.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 27 208 8 15.9 0.113 0.491 0.047 268. 92. -8.2 0.0370 0.59 0.21 1.25 46.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 7 27 208 9 27.8 0.116 0.657 0.049 366. 94. -5.0 0.0420 0.59 0.18 1.16 178.0 10.0 288.8 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 7 27 208 10 151.2 0.195 1.295 0.048 518. 206. -4.4 0.0450 0.59 0.17 1.89 227.0 10.0 291.4 2.0 0
0.00 72. 1010. 5 ADJ-A1 NoSubs
18 7 27 208 11 182.0 0.355 1.396 0.045 539. 508. -22.2 0.0450 0.59 0.17 4.14 211.0 10.0 292.0 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 7 27 208 12 197.1 0.320 1.450 0.043 557. 435. -14.9 0.0280 0.59 0.17 3.97 203.0 10.0 293.1 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 7 27 208 13 200.0 0.305 1.472 0.040 575. 404. -12.8 0.0280 0.59 0.17 3.73 183.0 10.0 293.8 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 7 27 208 14 191.3 0.314 1.465 0.037 592. 422. -14.5 0.0420 0.59 0.17 3.57 162.0 10.0 294.9 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 7 27 208 15 170.1 0.301 1.426 0.035 614. 396. -14.4 0.0420 0.59 0.17 3.42 170.0 10.0 295.4 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 7 27 208 16 137.0 0.344 1.339 0.033 631. 485. -26.8 0.0420 0.59 0.18 4.14 172.0 10.0 294.2 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 7 27 208 17 94.4 0.350 1.190 0.032 642. 497. -40.9 0.0420 0.59 0.19 4.34 155.0 10.0 293.1 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
18 7 27 208 18 44.1 0.353 0.926 0.032 646. 504. -89.8 0.0390 0.59 0.25 4.63 148.0 10.0 290.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 7 27 208 19 -8.2 0.307 -9.000 -9.000 -999. 410. 320.0 0.0420 0.59 0.42 4.29 151.0 10.0 288.8 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
18 7 27 208 20 -23.4 0.238 -9.000 -9.000 -999. 280. 62.2 0.0390 0.59 1.00 3.49 139.0 10.0 287.0 2.0 0

0.00 89. 1008. 0 ADJ-A1 NoSubs
18 7 27 208 21 -20.0 0.203 -9.000 -9.000 -999. 221. 45.5 0.0360 0.59 1.00 3.05 103.0 10.0 286.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 27 208 22 -14.6 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.59 1.00 2.47 72.0 10.0 286.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 27 208 23 -9.0 0.125 -9.000 -9.000 -999. 106. 19.5 0.0340 0.59 1.00 1.96 64.0 10.0 285.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 27 208 24 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0370 0.59 1.00 1.37 53.0 10.0 285.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 28 209 1 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.59 1.00 1.25 4.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 7 28 209 2 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.59 1.00 1.13 325.0 10.0 285.9 2.0 0
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18 7 28 209 3 -3.7 0.081 -9.000 -9.000 -999. 55. 12.9 0.0440 0.59 1.00 1.21 332.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 7 28 209 4 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.59 1.00 1.28 307.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 7 28 209 5 -4.9 0.091 -9.000 -9.000 -999. 66. 14.0 0.0320 0.59 1.00 1.47 296.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 7 28 209 6 -3.7 0.081 -9.000 -9.000 -999. 55. 13.0 0.0340 0.59 0.60 1.28 62.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 28 209 7 2.6 0.140 0.242 0.040 192. 126. -93.9 0.0340 0.59 0.31 1.89 79.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 28 209 8 15.5 0.113 0.499 0.050 288. 91. -8.4 0.0370 0.59 0.21 1.25 57.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 28 209 9 27.3 0.112 0.675 0.050 406. 90. -4.6 0.0380 0.59 0.18 1.14 324.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 7 28 209 10 37.2 0.148 0.803 0.050 501. 136. -7.8 0.0280 0.59 0.17 1.72 189.0 10.0 289.2 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
18 7 28 209 11 181.3 0.297 1.382 0.048 525. 388. -13.0 0.0450 0.59 0.17 3.29 215.0 10.0 290.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
18 7 28 209 12 196.5 0.368 1.433 0.045 540. 536. -22.9 0.0450 0.59 0.17 4.31 212.0 10.0 292.0 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 7 28 209 13 199.1 0.368 1.452 0.042 554. 535. -22.4 0.0450 0.59 0.17 4.29 213.0 10.0 292.0 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 7 28 209 14 190.6 0.262 1.444 0.039 569. 329. -8.5 0.0280 0.59 0.17 3.08 192.0 10.0 293.8 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 7 28 209 15 169.3 0.310 1.399 0.036 582. 415. -15.9 0.0420 0.59 0.17 3.56 171.0 10.0 294.2 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 7 28 209 16 136.6 0.296 1.310 0.034 592. 387. -17.1 0.0420 0.59 0.18 3.42 174.0 10.0 294.2 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 7 28 209 17 93.5 0.306 1.158 0.033 597. 407. -27.6 0.0280 0.59 0.19 4.00 185.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 7 28 209 18 43.6 0.304 0.899 0.033 599. 403. -58.2 0.0420 0.59 0.25 3.85 165.0 10.0 290.4 2.0 0
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18 7 28 209 19 -7.3 0.247 -9.000 -9.000 -999. 297. 187.3 0.0420 0.59 0.43 3.49 158.0 10.0 288.1 2.0 0
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18 7 28 209 20 -18.3 0.186 -9.000 -9.000 -999. 193. 37.9 0.0420 0.59 1.00 2.72 156.0 10.0 286.4 2.0 0
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18 7 28 209 21 -15.5 0.167 -9.000 -9.000 -999. 163. 30.5 0.0390 0.59 1.00 2.49 146.0 10.0 285.4 2.0 0
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18 7 28 209 22 -10.5 0.136 -9.000 -9.000 -999. 120. 21.5 0.0390 0.59 1.00 2.06 148.0 10.0 284.9 2.0 0
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18 7 28 209 23 -5.7 0.099 -9.000 -9.000 -999. 74. 15.2 0.0360 0.59 1.00 1.55 100.0 10.0 285.9 2.0 0

0.00 92. 1010. 10 ADJ-A1 NoSubs
18 7 28 209 24 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.59 1.00 1.33 55.0 10.0 285.4 2.0 0
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18 7 29 210 1 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0390 0.59 1.00 1.09 127.0 10.0 285.4 2.0 0
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18 7 29 210 2 -4.8 0.090 -9.000 -9.000 -999. 65. 13.9 0.0360 0.59 1.00 1.42 98.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 29 210 3 -3.1 0.075 -9.000 -9.000 -999. 49. 11.9 0.0340 0.59 1.00 1.14 66.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 7 29 210 4 -2.6 0.070 -9.000 -9.000 -999. 44. 11.7 0.0360 0.59 1.00 1.01 257.0 10.0 284.9 2.0 0
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18 7 29 210 5 -2.7 0.071 -9.000 -9.000 -999. 45. 12.1 0.0440 0.59 1.00 0.99 347.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 29 210 6 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0320 0.59 0.60 1.23 296.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 29 210 7 2.5 0.085 0.181 0.026 85. 60. -22.4 0.0370 0.59 0.31 1.04 14.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 29 210 8 15.3 0.110 0.456 0.044 223. 88. -7.9 0.0340 0.59 0.21 1.23 75.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 7 29 210 9 27.2 0.123 0.619 0.046 315. 104. -6.2 0.0450 0.59 0.18 1.25 212.0 10.0 287.0 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 7 29 210 10 150.6 0.178 1.251 0.047 470. 180. -3.4 0.0420 0.59 0.17 1.69 178.0 10.0 291.4 2.0 0
0.00 69. 1011. 5 ADJ-A1 NoSubs
18 7 29 210 11 181.2 0.286 1.358 0.044 499. 366. -11.6 0.0280 0.59 0.17 3.46 198.0 10.0 291.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
18 7 29 210 12 196.5 0.283 1.419 0.041 525. 361. -10.4 0.0280 0.59 0.17 3.39 196.0 10.0 293.1 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
18 7 29 210 13 198.9 0.375 1.436 0.035 537. 552. -24.0 0.0450 0.59 0.17 4.41 220.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 7 29 210 14 190.0 0.303 1.425 0.035 549. 402. -13.1 0.0280 0.59 0.17 3.71 188.0 10.0 293.1 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 7 29 210 15 168.5 0.333 1.377 0.033 559. 461. -19.7 0.0420 0.59 0.17 3.90 170.0 10.0 293.1 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 7 29 210 16 135.6 0.320 1.287 0.031 567. 435. -21.8 0.0420 0.59 0.18 3.78 170.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
18 7 29 210 17 93.2 0.304 1.140 0.030 572. 403. -27.1 0.0420 0.59 0.19 3.66 175.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
18 7 29 210 18 43.0 0.281 0.882 0.029 574. 358. -46.4 0.0420 0.59 0.25 3.51 169.0 10.0 290.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
18 7 29 210 19 -5.9 0.194 -9.000 -9.000 -999. 207. 110.4 0.0420 0.59 0.43 2.76 162.0 10.0 289.2 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 7 29 210 20 -16.5 0.172 -9.000 -9.000 -999. 172. 32.7 0.0390 0.59 1.00 2.57 148.0 10.0 288.1 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
18 7 29 210 21 -7.5 0.114 -9.000 -9.000 -999. 93. 18.0 0.0390 0.59 1.00 1.76 142.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 7 29 210 22 -4.0 0.084 -9.000 -9.000 -999. 59. 13.4 0.0450 0.59 1.00 1.26 229.0 10.0 286.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 7 29 210 23 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0360 0.59 1.00 1.31 264.0 10.0 285.9 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 7 29 210 24 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0320 0.59 1.00 1.25 294.0 10.0 285.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 7 30 211 1 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.59 1.00 0.92 323.0 10.0 286.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 7 30 211 2 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0380 0.59 1.00 1.04 306.0 10.0 285.9 2.0 0

0.00 92. 1010. 0 ADJ-A1 NoSubs
18 7 30 211 3 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0380 0.59 1.00 1.04 304.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 7 30 211 4 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.59 1.00 0.96 267.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 30 211 5 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0360 0.59 1.00 0.86 247.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 30 211 6 -4.4 0.088 -9.000 -9.000 -999. 63. 14.1 0.0390 0.59 0.61 1.37 137.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 30 211 7 2.4 0.124 0.213 0.030 147. 105. -73.3 0.0360 0.59 0.31 1.64 111.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 30 211 8 15.4 0.110 0.490 0.045 276. 88. -7.8 0.0340 0.59 0.21 1.23 77.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 7 30 211 9 119.8 0.152 1.160 0.045 469. 143. -2.7 0.0360 0.59 0.18 1.45 261.0 10.0 290.4 2.0 0
0.00 77. 1010. 3 ADJ-A1 NoSubs
18 7 30 211 10 154.3 0.272 1.281 0.043 491. 340. -11.7 0.0280 0.59 0.17 3.30 185.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 7 30 211 11 181.6 0.303 1.372 0.040 512. 400. -13.8 0.0280 0.59 0.17 3.73 192.0 10.0 293.8 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 7 30 211 12 196.6 0.334 1.429 0.037 536. 462. -17.0 0.0280 0.59 0.17 4.19 193.0 10.0 294.2 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 7 30 211 13 199.6 0.319 1.457 0.034 559. 432. -14.6 0.0280 0.59 0.17 3.95 201.0 10.0 295.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
18 7 30 211 14 190.3 0.311 1.452 0.032 580. 417. -14.3 0.0280 0.59 0.17 3.85 194.0 10.0 294.9 2.0 0
0.00 56. 1009. 0 ADJ-A1 Sub_CC
18 7 30 211 15 168.5 0.357 1.407 0.030 595. 512. -24.3 0.0420 0.59 0.17 4.26 176.0 10.0 294.2 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
18 7 30 211 16 135.3 0.372 1.315 0.028 605. 545. -34.3 0.0420 0.59 0.18 4.56 178.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 7 30 211 17 92.7 0.326 1.163 0.027 611. 447. -33.5 0.0420 0.59 0.19 3.98 178.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
18 7 30 211 18 42.6 0.293 0.899 0.026 614. 380. -52.8 0.0420 0.59 0.25 3.68 174.0 10.0 290.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 7 30 211 19 -7.7 0.231 -9.000 -9.000 -999. 268. 144.0 0.0280 0.59 0.43 3.52 184.0 10.0 288.8 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
18 7 30 211 20 -13.3 0.152 -9.000 -9.000 -999. 144. 25.4 0.0280 0.59 1.00 2.42 189.0 10.0 287.0 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 7 30 211 21 -8.1 0.120 -9.000 -9.000 -999. 99. 18.9 0.0420 0.59 1.00 1.81 167.0 10.0 286.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 7 30 211 22 -8.2 0.120 -9.000 -9.000 -999. 100. 18.9 0.0390 0.59 1.00 1.84 141.0 10.0 286.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 7 30 211 23 -5.2 0.095 -9.000 -9.000 -999. 70. 14.6 0.0370 0.59 1.00 1.48 53.0 10.0 285.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 30 211 24 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0370 0.59 1.00 1.70 54.0 10.0 285.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 7 31 212 1 -2.7 0.071 -9.000 -9.000 -999. 46. 11.8 0.0370 0.59 1.00 1.04 24.0 10.0 285.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 7 31 212 2 -1.9 0.064 -9.000 -9.000 -999. 39. 12.1 0.0360 0.59 1.00 0.82 248.0 10.0 284.9 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
18 7 31 212 3 -3.2 0.076 -9.000 -9.000 -999. 50. 12.3 0.0420 0.59 1.00 1.11 152.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 31 212 4 -2.1 0.066 -9.000 -9.000 -999. 41. 12.2 0.0420 0.59 1.00 0.86 174.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 31 212 5 -2.0 0.065 -9.000 -9.000 -999. 39. 12.0 0.0370 0.59 1.00 0.84 39.0 10.0 284.9 2.0 0

0.00 100. 1009. 10 ADJ-A1 NoSubs
18 7 31 212 6 -6.2 0.104 -9.000 -9.000 -999. 81. 16.6 0.0380 0.59 0.61 1.62 313.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 31 212 7 2.1 0.091 0.207 0.039 151. 66. -32.7 0.0320 0.59 0.31 1.18 295.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 31 212 8 15.0 0.109 0.493 0.047 287. 86. -7.8 0.0390 0.59 0.21 1.18 137.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 7 31 212 9 26.9 0.128 0.627 0.047 329. 110. -7.1 0.0420 0.59 0.18 1.35 162.0 10.0 287.0 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 7 31 212 10 156.0 0.184 1.233 0.045 433. 190. -3.6 0.0420 0.59 0.17 1.77 172.0 10.0 289.2 2.0 0
0.00 77. 1010. 3 ADJ-A1 NoSubs
18 7 31 212 11 181.3 0.244 1.323 0.042 461. 289. -7.2 0.0280 0.59 0.17 2.81 183.0 10.0 293.8 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 7 31 212 12 195.7 0.329 1.378 0.039 483. 453. -16.4 0.0280 0.59 0.17 4.12 204.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
18 7 31 212 13 198.7 0.302 1.397 0.035 495. 399. -12.5 0.0280 0.59 0.17 3.69 198.0 10.0 293.8 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
18 7 31 212 14 189.3 0.337 1.383 0.032 504. 470. -18.2 0.0280 0.59 0.17 4.26 196.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 7 31 212 15 167.5 0.317 1.335 0.029 511. 428. -17.1 0.0280 0.59 0.17 3.98 187.0 10.0 292.5 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 7 31 212 16 134.5 0.335 1.245 0.027 517. 465. -25.1 0.0280 0.59 0.18 4.34 180.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 7 31 212 17 91.6 0.338 1.099 0.026 521. 472. -37.9 0.0420 0.59 0.20 4.17 177.0 10.0 290.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 7 31 212 18 41.6 0.287 0.846 0.025 522. 371. -51.3 0.0420 0.59 0.25 3.61 175.0 10.0 289.9 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 7 31 212 19 -8.2 0.223 -9.000 -9.000 -999. 255. 121.9 0.0420 0.59 0.44 3.18 175.0 10.0 287.5 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 7 31 212 20 -15.2 0.165 -9.000 -9.000 -999. 162. 30.1 0.0420 0.59 1.00 2.44 175.0 10.0 285.9 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 7 31 212 21 -4.1 0.085 -9.000 -9.000 -999. 62. 13.5 0.0450 0.59 1.00 1.28 213.0 10.0 285.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 7 31 212 22 -3.3 0.075 -9.000 -9.000 -999. 49. 11.7 0.0280 0.59 1.00 1.20 205.0 10.0 285.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 7 31 212 23 -2.7 0.071 -9.000 -9.000 -999. 45. 11.5 0.0320 0.59 1.00 1.06 289.0 10.0 284.9 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 7 31 212 24 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.59 1.00 0.92 319.0 10.0 284.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 1 213 1 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0370 0.59 1.00 0.91 7.0 10.0 284.9 2.0 0
0.00 92. 1009. 7 ADJ-A1 NoSubs
18 8 1 213 2 -3.1 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.59 1.00 1.11 7.0 10.0 284.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 8 1 213 3 -2.2 0.066 -9.000 -9.000 -999. 41. 12.2 0.0440 0.59 1.00 0.86 357.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 1 213 4 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0370 0.59 1.00 0.89 53.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 1 213 5 -4.0 0.084 -9.000 -9.000 -999. 59. 13.4 0.0450 0.59 1.00 1.26 234.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 1 213 6 -2.1 0.065 -9.000 -9.000 -999. 40. 11.6 0.0340 0.59 0.62 0.91 87.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 1 213 7 2.1 0.092 0.182 0.035 105. 67. -33.7 0.0450 0.59 0.31 1.11 214.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 8 1 213 8 15.0 0.097 0.440 0.041 204. 73. -5.5 0.0280 0.59 0.21 1.09 181.0 10.0 285.9 2.0 0

0.00 92. 1010. 10 ADJ-A1 NoSubs
18 8 1 213 9 27.0 0.130 0.611 0.044 304. 113. -7.4 0.0420 0.59 0.18 1.38 170.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 8 1 213 10 156.0 0.190 1.241 0.044 442. 199. -4.0 0.0280 0.59 0.17 2.03 194.0 10.0 290.4 2.0 0
0.00 72. 1010. 3 ADJ-A1 NoSubs
18 8 1 213 11 180.1 0.273 1.341 0.041 482. 343. -10.2 0.0280 0.59 0.17 3.27 209.0 10.0 291.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 8 1 213 12 194.9 0.317 1.403 0.038 511. 428. -14.7 0.0280 0.59 0.17 3.93 202.0 10.0 291.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 8 1 213 13 198.4 0.291 1.425 0.035 526. 377. -11.2 0.0280 0.59 0.17 3.51 193.0 10.0 293.8 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 8 1 213 14 188.9 0.333 1.412 0.032 537. 461. -17.6 0.0420 0.59 0.17 3.86 178.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 8 1 213 15 167.3 0.321 1.364 0.030 546. 438. -17.9 0.0420 0.59 0.17 3.73 168.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 8 1 213 16 134.4 0.328 1.273 0.028 553. 450. -23.5 0.0420 0.59 0.18 3.90 167.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 8 1 213 17 91.6 0.317 1.124 0.027 557. 428. -31.1 0.0420 0.59 0.20 3.85 172.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
18 8 1 213 18 41.3 0.304 0.863 0.026 559. 402. -60.8 0.0420 0.59 0.25 3.85 168.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 8 1 213 19 -10.4 0.269 -9.000 -9.000 -999. 335. 168.2 0.0420 0.59 0.44 3.80 172.0 10.0 288.1 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 8 1 213 20 -18.9 0.192 -9.000 -9.000 -999. 204. 40.6 0.0420 0.59 1.00 2.81 167.0 10.0 287.0 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 8 1 213 21 -13.4 0.154 -9.000 -9.000 -999. 146. 26.2 0.0390 0.59 1.00 2.32 146.0 10.0 285.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 1 213 22 -8.0 0.118 -9.000 -9.000 -999. 97. 18.5 0.0390 0.59 1.00 1.81 136.0 10.0 285.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 1 213 23 -3.8 0.082 -9.000 -9.000 -999. 56. 12.8 0.0370 0.59 1.00 1.26 35.0 10.0 285.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 1 213 24 -5.3 0.096 -9.000 -9.000 -999. 71. 14.8 0.0370 0.59 1.00 1.50 46.0 10.0 285.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 2 214 1 -4.9 0.092 -9.000 -9.000 -999. 67. 14.5 0.0440 0.59 1.00 1.40 347.0 10.0 284.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 2 214 2 -3.4 0.078 -9.000 -9.000 -999. 52. 12.5 0.0440 0.59 1.00 1.14 343.0 10.0 283.8 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
18 8 2 214 3 -3.7 0.080 -9.000 -9.000 -999. 55. 12.5 0.0340 0.59 1.00 1.26 69.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 2 214 4 -8.2 0.119 -9.000 -9.000 -999. 98. 18.4 0.0340 0.59 1.00 1.87 76.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 2 214 5 -5.4 0.096 -9.000 -9.000 -999. 71. 14.7 0.0340 0.59 1.00 1.52 63.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 2 214 6 -2.1 0.065 -9.000 -9.000 -999. 39. 11.7 0.0340 0.59 0.63 0.89 62.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 2 214 7 1.8 0.089 0.178 0.025 111. 64. -35.1 0.0360 0.59 0.32 1.13 266.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 2 214 8 14.7 0.109 0.453 0.040 226. 86. -7.8 0.0450 0.59 0.21 1.14 212.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 8 2 214 9 26.9 0.157 0.604 0.042 295. 150. -13.0 0.0420 0.59 0.18 1.77 169.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 8 2 214 10 125.0 0.242 1.194 0.045 490. 285. -10.2 0.0280 0.59 0.17 2.89 190.0 10.0 289.2 2.0 0
0.00 74. 1010. 7 ADJ-A1 NoSubs
18 8 2 214 11 179.9 0.273 1.369 0.043 514. 343. -10.2 0.0280 0.59 0.17 3.27 182.0 10.0 292.0 2.0 0

0.00 64. 1010. 0 ADJ-A1 NoSubs
18 8 2 214 12 195.4 0.280 1.429 0.040 539. 356. -10.1 0.0420 0.59 0.17 3.07 165.0 10.0 293.8 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 8 2 214 13 198.2 0.325 1.457 0.037 562. 445. -15.6 0.0280 0.59 0.17 4.05 186.0 10.0 294.2 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
18 8 2 214 14 189.2 0.347 1.452 0.035 583. 491. -19.9 0.0420 0.59 0.17 4.07 177.0 10.0 294.9 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
18 8 2 214 15 167.3 0.327 1.401 0.033 592. 449. -18.8 0.0420 0.59 0.17 3.81 175.0 10.0 294.2 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
18 8 2 214 16 134.1 0.338 1.307 0.031 598. 471. -25.8 0.0420 0.59 0.18 4.05 172.0 10.0 293.8 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 8 2 214 17 91.0 0.335 1.151 0.030 602. 465. -37.0 0.0420 0.59 0.20 4.12 163.0 10.0 292.5 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 8 2 214 18 40.7 0.347 0.881 0.030 603. 490. -92.3 0.0420 0.59 0.26 4.49 158.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 8 2 214 19 -11.2 0.276 -9.000 -9.000 -999. 350. 169.1 0.0420 0.59 0.45 3.90 154.0 10.0 288.8 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 8 2 214 20 -23.2 0.236 -9.000 -9.000 -999. 275. 61.1 0.0390 0.59 1.00 3.46 135.0 10.0 287.0 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 8 2 214 21 -17.2 0.176 -9.000 -9.000 -999. 178. 34.0 0.0390 0.59 1.00 2.62 122.0 10.0 286.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 8 2 214 22 -9.0 0.125 -9.000 -9.000 -999. 107. 19.5 0.0340 0.59 1.00 1.96 75.0 10.0 285.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 2 214 23 -5.9 0.100 -9.000 -9.000 -999. 76. 15.5 0.0370 0.59 1.00 1.57 55.0 10.0 285.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 2 214 24 -4.1 0.085 -9.000 -9.000 -999. 60. 13.4 0.0440 0.59 1.00 1.28 359.0 10.0 284.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 3 215 1 -3.7 0.081 -9.000 -9.000 -999. 56. 12.9 0.0440 0.59 1.00 1.21 335.0 10.0 284.2 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 3 215 2 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0320 0.59 1.00 1.21 294.0 10.0 282.5 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
18 8 3 215 3 -4.3 0.085 -9.000 -9.000 -999. 60. 12.9 0.0280 0.59 1.00 1.40 182.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 3 215 4 -3.4 0.077 -9.000 -9.000 -999. 52. 12.2 0.0340 0.59 1.00 1.20 80.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 3 215 5 -6.5 0.106 -9.000 -9.000 -999. 82. 16.3 0.0370 0.59 1.00 1.65 55.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 3 215 6 -5.0 0.093 -9.000 -9.000 -999. 69. 14.6 0.0360 0.59 0.63 1.47 98.0 10.0 284.2 2.0 0
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18 8 3 215 7 1.5 0.092 0.230 0.037 282. 67. -45.4 0.0370 0.59 0.32 1.18 26.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 3 215 8 14.5 0.093 0.512 0.038 333. 68. -5.0 0.0360 0.59 0.22 0.97 101.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 3 215 9 26.6 0.119 0.657 0.039 383. 98. -5.6 0.0420 0.59 0.18 1.21 173.0 10.0 287.0 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 3 215 10 152.0 0.210 1.209 0.038 419. 231. -5.5 0.0280 0.59 0.17 2.35 203.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 8 3 215 11 179.4 0.310 1.296 0.035 437. 415. -15.0 0.0450 0.59 0.17 3.49 212.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 8 3 215 12 194.4 0.361 1.350 0.024 456. 520. -21.8 0.0450 0.59 0.17 4.20 213.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 8 3 215 13 197.4 0.299 1.379 0.029 479. 394. -12.2 0.0280 0.59 0.17 3.64 205.0 10.0 293.1 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 8 3 215 14 187.6 0.340 1.378 0.026 503. 475. -18.8 0.0280 0.59 0.17 4.31 190.0 10.0 291.4 2.0 0

0.00 67. 1009. 0 ADJ-A1 NoSubs
18 8 3 215 15 165.9 0.312 1.341 0.024 524. 419. -16.5 0.0280 0.59 0.17 3.91 188.0 10.0 291.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 8 3 215 16 132.7 0.328 1.258 0.022 539. 451. -23.9 0.0420 0.59 0.18 3.91 179.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 8 3 215 17 89.4 0.289 1.109 0.021 549. 374. -24.3 0.0280 0.59 0.20 3.74 187.0 10.0 289.2 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 8 3 215 18 39.2 0.227 0.845 0.020 553. 261. -26.8 0.0280 0.59 0.26 2.96 196.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
18 8 3 215 19 -6.4 0.144 -9.000 -9.000 -999. 134. 41.7 0.0280 0.59 0.45 2.25 193.0 10.0 287.0 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 8 3 215 20 -4.4 0.088 -9.000 -9.000 -999. 64. 14.0 0.0450 0.59 1.00 1.33 225.0 10.0 286.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 8 3 215 21 -3.5 0.078 -9.000 -9.000 -999. 52. 12.0 0.0280 0.59 1.00 1.26 205.0 10.0 285.9 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 8 3 215 22 -2.3 0.067 -9.000 -9.000 -999. 41. 11.7 0.0360 0.59 1.00 0.92 256.0 10.0 285.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 8 3 215 23 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.59 1.00 1.25 321.0 10.0 284.9 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 8 3 215 24 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0380 0.59 1.00 0.94 306.0 10.0 283.8 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 1 -2.0 0.064 -9.000 -9.000 -999. 39. 11.7 0.0320 0.59 1.00 0.87 270.0 10.0 284.2 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 2 -1.7 0.062 -9.000 -9.000 -999. 37. 12.6 0.0370 0.59 1.00 0.74 12.0 10.0 284.9 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 3 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0320 0.59 1.00 1.39 299.0 10.0 283.8 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 4 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0440 0.59 1.00 1.09 339.0 10.0 283.8 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 5 -3.7 0.081 -9.000 -9.000 -999. 55. 12.8 0.0440 0.59 1.00 1.20 338.0 10.0 283.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 6 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0380 0.59 0.64 0.92 321.0 10.0 283.8 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 7 15.1 0.082 0.341 0.030 94. 57. -3.3 0.0450 0.59 0.32 0.77 234.0 10.0 286.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 8 67.3 0.132 0.665 0.030 157. 114. -3.0 0.0420 0.59 0.22 1.23 162.0 10.0 289.9 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 9 114.9 0.165 0.900 0.026 228. 160. -3.5 0.0420 0.59 0.18 1.57 152.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 10 153.2 0.238 1.073 0.022 290. 279. -8.0 0.0280 0.59 0.17 2.78 191.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 11 180.8 0.284 1.179 0.015 326. 364. -11.4 0.0280 0.59 0.17 3.44 183.0 10.0 296.4 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 12 195.9 0.348 1.344 0.012 445. 494. -19.4 0.0280 0.59 0.17 4.43 186.0 10.0 297.0 2.0 0
0.00 45. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 13 197.9 0.397 1.447 0.008 551. 601. -28.5 0.0420 0.59 0.17 4.80 176.0 10.0 295.4 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 14 188.6 0.319 1.459 0.008 593. 436. -15.4 0.0280 0.59 0.17 3.97 180.0 10.0 295.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 15 167.0 0.370 1.428 0.006 627. 541. -27.3 0.0420 0.59 0.17 4.46 177.0 10.0 295.9 2.0 0
0.00 50. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 16 133.5 0.340 1.345 0.005 655. 477. -26.5 0.0420 0.59 0.18 4.09 163.0 10.0 294.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 17 90.7 0.279 1.203 0.005 690. 356. -21.6 0.0420 0.59 0.20 3.30 169.0 10.0 294.9 2.0 0

0.00 54. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 18 40.2 0.251 0.924 0.005 703. 303. -35.4 0.0280 0.59 0.26 3.34 190.0 10.0 293.8 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 19 -9.7 0.219 -9.000 -9.000 -999. 247. 97.9 0.0280 0.59 0.45 3.37 203.0 10.0 290.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 20 -15.0 0.162 -9.000 -9.000 -999. 157. 28.9 0.0280 0.59 1.00 2.57 196.0 10.0 288.1 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
18 8 4 216 21 -11.1 0.138 -9.000 -9.000 -999. 124. 21.5 0.0280 0.59 1.00 2.22 190.0 10.0 287.0 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 22 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0280 0.59 1.00 1.69 189.0 10.0 286.4 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 23 -2.1 0.065 -9.000 -9.000 -999. 40. 11.6 0.0320 0.59 1.00 0.89 280.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 8 4 216 24 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.59 1.00 1.11 312.0 10.0 285.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 1 -6.0 0.101 -9.000 -9.000 -999. 77. 15.6 0.0360 0.59 1.00 1.59 269.0 10.0 284.9 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 2 -6.4 0.105 -9.000 -9.000 -999. 82. 16.2 0.0360 0.59 1.00 1.65 242.0 10.0 283.8 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 3 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0320 0.59 1.00 1.43 285.0 10.0 284.2 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 4 -5.6 0.099 -9.000 -9.000 -999. 75. 15.5 0.0440 0.59 1.00 1.50 331.0 10.0 283.8 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 5 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0440 0.59 1.00 1.26 336.0 10.0 283.1 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 6 -2.3 0.067 -9.000 -9.000 -999. 41. 11.5 0.0320 0.59 0.65 0.96 284.0 10.0 282.0 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 5 217 7 14.4 0.105 0.400 0.026 160. 81. -7.2 0.0380 0.59 0.32 1.13 302.0 10.0 285.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 5 217 8 66.3 0.143 0.854 0.026 337. 130. -4.0 0.0390 0.59 0.22 1.42 145.0 10.0 288.1 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
18 8 5 217 9 113.5 0.179 1.054 0.025 371. 182. -4.5 0.0420 0.59 0.18 1.77 170.0 10.0 290.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 8 5 217 10 152.4 0.182 1.186 0.022 394. 186. -3.5 0.0280 0.59 0.17 1.91 181.0 10.0 293.8 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 8 5 217 11 179.6 0.278 1.278 0.019 419. 351. -10.7 0.0280 0.59 0.17 3.34 196.0 10.0 294.2 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 8 5 217 12 195.1 0.309 1.389 0.017 495. 413. -13.7 0.0280 0.59 0.17 3.81 189.0 10.0 295.9 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
18 8 5 217 13 197.9 0.329 1.421 0.014 522. 454. -16.2 0.0280 0.59 0.17 4.12 189.0 10.0 296.4 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
18 8 5 217 14 188.4 0.328 1.419 0.011 547. 451. -16.9 0.0280 0.59 0.17 4.12 181.0 10.0 295.9 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
18 8 5 217 15 166.1 0.354 1.387 0.009 578. 505. -24.0 0.0420 0.59 0.17 4.22 179.0 10.0 294.9 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 16 132.3 0.339 1.330 0.009 640. 474. -26.4 0.0420 0.59 0.18 4.07 177.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 17 89.0 0.281 1.195 0.009 690. 359. -22.4 0.0280 0.59 0.20 3.61 184.0 10.0 292.0 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 18 38.0 0.283 0.906 0.009 703. 361. -53.6 0.0280 0.59 0.26 3.85 201.0 10.0 289.2 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 19 -8.1 0.169 -9.000 -9.000 -999. 174. 54.0 0.0420 0.59 0.46 2.45 162.0 10.0 289.2 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 8 5 217 20 -16.2 0.168 -9.000 -9.000 -999. 165. 31.1 0.0280 0.59 1.00 2.66 190.0 10.0 285.9 2.0 0

0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 5 217 21 -15.2 0.165 -9.000 -9.000 -999. 161. 30.1 0.0420 0.59 1.00 2.44 169.0 10.0 285.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 5 217 22 -5.3 0.094 -9.000 -9.000 -999. 71. 14.2 0.0280 0.59 1.00 1.55 189.0 10.0 284.2 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 8 5 217 23 -2.5 0.068 -9.000 -9.000 -999. 43. 11.2 0.0280 0.59 1.00 1.03 194.0 10.0 284.9 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 8 5 217 24 -3.4 0.078 -9.000 -9.000 -999. 52. 12.5 0.0440 0.59 1.00 1.14 343.0 10.0 284.2 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 8 6 218 1 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0440 0.59 1.00 1.08 357.0 10.0 284.2 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 6 218 2 -3.1 0.073 -9.000 -9.000 -999. 48. 11.7 0.0320 0.59 1.00 1.13 299.0 10.0 283.1 2.0 0
0.00 96. 1009. 3 ADJ-A1 NoSubs
18 8 6 218 3 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0360 0.59 1.00 0.87 255.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 6 218 4 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0380 0.59 1.00 1.09 325.0 10.0 282.0 2.0 0
0.00 100. 1009. 5 ADJ-A1 NoSubs
18 8 6 218 5 -3.4 0.078 -9.000 -9.000 -999. 52. 12.6 0.0450 0.59 1.00 1.14 238.0 10.0 282.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 6 218 6 -1.9 0.065 -9.000 -9.000 -999. 39. 12.5 0.0440 0.59 0.66 0.80 333.0 10.0 282.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 6 218 7 16.9 0.069 0.386 0.028 122. 44. -1.8 0.0360 0.59 0.32 0.62 248.0 10.0 283.8 2.0 0
0.00 999. 1010. 7 ADJ-A1 NoSubs
18 8 6 218 8 65.5 0.115 0.753 0.030 235. 94. -2.1 0.0420 0.59 0.22 1.01 179.0 10.0 287.0 2.0 0
0.00 43. 1011. 0 ADJ-A1 NoSubs
18 8 6 218 9 113.4 0.145 0.974 0.029 293. 133. -2.4 0.0280 0.59 0.18 1.45 182.0 10.0 291.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 8 6 218 10 151.9 0.205 1.142 0.026 353. 222. -5.1 0.0420 0.59 0.17 2.06 154.0 10.0 293.8 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
18 8 6 218 11 180.0 0.199 1.237 0.023 380. 213. -3.9 0.0420 0.59 0.17 1.93 160.0 10.0 296.4 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
18 8 6 218 12 195.9 0.266 1.302 0.019 406. 329. -8.6 0.0420 0.59 0.17 2.86 173.0 10.0 298.8 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
18 8 6 218 13 199.0 0.300 1.351 0.015 447. 395. -12.3 0.0280 0.59 0.17 3.66 188.0 10.0 299.9 2.0 0
0.00 35. 1010. 0 ADJ-A1 NoSubs
18 8 6 218 14 188.4 0.344 1.417 0.013 545. 484. -19.4 0.0280 0.59 0.17 4.37 184.0 10.0 297.0 2.0 0
0.00 42. 1009. 0 ADJ-A1 NoSubs
18 8 6 218 15 165.0 0.378 1.422 0.011 628. 558. -29.5 0.0420 0.59 0.17 4.58 173.0 10.0 293.1 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 8 6 218 16 131.2 0.358 1.342 0.010 663. 513. -31.3 0.0280 0.59 0.18 4.71 183.0 10.0 291.4 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 8 6 218 17 88.5 0.262 1.192 0.009 688. 327. -18.3 0.0420 0.59 0.20 3.05 173.0 10.0 292.5 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 8 6 218 18 38.3 0.194 0.907 0.008 698. 207. -17.2 0.0420 0.59 0.26 2.25 177.0 10.0 292.5 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 8 6 218 19 -8.8 0.176 -9.000 -9.000 -999. 178. 56.3 0.0280 0.59 0.46 2.74 208.0 10.0 289.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 8 6 218 20 -18.5 0.188 -9.000 -9.000 -999. 195. 38.7 0.0280 0.59 1.00 2.95 206.0 10.0 287.0 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 8 6 218 21 -5.6 0.099 -9.000 -9.000 -999. 78. 15.6 0.0450 0.59 1.00 1.50 234.0 10.0 286.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 8 6 218 22 -4.9 0.093 -9.000 -9.000 -999. 68. 14.6 0.0450 0.59 1.00 1.40 225.0 10.0 285.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 6 218 23 -4.3 0.087 -9.000 -9.000 -999. 61. 13.7 0.0450 0.59 1.00 1.30 224.0 10.0 284.9 2.0 0

0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 6 218 24 -3.4 0.077 -9.000 -9.000 -999. 51. 12.1 0.0320 0.59 1.00 1.21 279.0 10.0 284.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 7 219 1 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0360 0.59 1.00 1.31 264.0 10.0 284.2 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
18 8 7 219 2 -5.7 0.099 -9.000 -9.000 -999. 74. 15.1 0.0360 0.59 1.00 1.55 245.0 10.0 282.5 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
18 8 7 219 3 -6.9 0.108 -9.000 -9.000 -999. 85. 16.3 0.0280 0.59 1.00 1.76 203.0 10.0 283.1 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 7 219 4 -8.5 0.121 -9.000 -9.000 -999. 101. 19.0 0.0390 0.59 1.00 1.86 141.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 7 219 5 -5.6 0.098 -9.000 -9.000 -999. 74. 15.0 0.0360 0.59 1.00 1.54 100.0 10.0 283.1 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 7 219 6 -2.8 0.072 -9.000 -9.000 -999. 47. 12.0 0.0390 0.59 0.66 1.06 136.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 7 219 7 0.9 0.086 0.120 0.035 71. 60. -66.2 0.0360 0.59 0.33 1.13 104.0 10.0 283.8 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 7 219 8 13.8 0.107 0.428 0.037 203. 84. -8.0 0.0280 0.59 0.22 1.25 202.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 7 219 9 25.6 0.149 0.589 0.038 286. 138. -11.7 0.0280 0.59 0.18 1.81 183.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 7 219 10 35.7 0.144 0.682 0.039 320. 131. -7.5 0.0280 0.59 0.17 1.67 185.0 10.0 287.5 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
18 8 7 219 11 43.1 0.249 0.739 0.039 336. 297. -32.0 0.0420 0.59 0.17 3.03 162.0 10.0 289.9 2.0 0
0.00 72. 1009. 10 ADJ-A1 NoSubs
18 8 7 219 12 156.5 0.271 1.191 0.038 389. 339. -11.5 0.0420 0.59 0.17 3.01 171.0 10.0 290.9 2.0 0
0.00 67. 1008. 7 ADJ-A1 NoSubs
18 8 7 219 13 198.1 0.265 1.310 0.034 408. 327. -8.4 0.0420 0.59 0.17 2.84 164.0 10.0 292.0 2.0 0
0.00 64. 1007. 3 ADJ-A1 NoSubs
18 8 7 219 14 188.9 0.297 1.305 0.030 423. 388. -12.4 0.0420 0.59 0.17 3.32 173.0 10.0 292.5 2.0 0
0.00 62. 1007. 3 ADJ-A1 NoSubs
18 8 7 219 15 167.7 0.309 1.268 0.027 436. 412. -15.7 0.0420 0.59 0.17 3.54 178.0 10.0 293.8 2.0 0
0.00 56. 1007. 3 ADJ-A1 NoSubs
18 8 7 219 16 128.7 0.304 1.170 0.025 448. 403. -19.6 0.0420 0.59 0.18 3.56 176.0 10.0 292.0 2.0 0
0.00 62. 1007. 5 ADJ-A1 NoSubs
18 8 7 219 17 91.4 0.291 1.052 0.023 457. 377. -24.2 0.0420 0.59 0.20 3.47 167.0 10.0 291.4 2.0 0
0.00 67. 1006. 3 ADJ-A1 NoSubs
18 8 7 219 18 36.5 0.266 0.777 0.023 460. 329. -46.1 0.0420 0.59 0.26 3.32 167.0 10.0 289.2 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
18 8 7 219 19 -7.7 0.142 -9.000 -9.000 -999. 137. 33.5 0.0280 0.59 0.47 2.23 199.0 10.0 287.5 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
18 8 7 219 20 -8.4 0.119 -9.000 -9.000 -999. 99. 18.3 0.0280 0.59 1.00 1.94 187.0 10.0 285.9 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 8 7 219 21 -5.6 0.097 -9.000 -9.000 -999. 72. 14.6 0.0280 0.59 1.00 1.59 206.0 10.0 284.9 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
18 8 7 219 22 -1.9 0.064 -9.000 -9.000 -999. 39. 12.1 0.0360 0.59 1.00 0.82 262.0 10.0 285.4 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 8 7 219 23 -2.7 0.071 -9.000 -9.000 -999. 45. 11.7 0.0360 0.59 1.00 1.04 265.0 10.0 284.9 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
18 8 7 219 24 -5.4 0.096 -9.000 -9.000 -999. 71. 14.6 0.0320 0.59 1.00 1.54 272.0 10.0 283.8 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 8 8 220 1 -3.9 0.083 -9.000 -9.000 -999. 57. 13.1 0.0450 0.59 1.00 1.23 239.0 10.0 282.5 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 8 8 220 2 -7.5 0.115 -9.000 -9.000 -999. 93. 18.1 0.0450 0.59 1.00 1.72 224.0 10.0 283.8 2.0 0

0.00 100. 1006. 10 ADJ-A1 NoSubs
18 8 8 220 3 -2.6 0.070 -9.000 -9.000 -999. 45. 12.1 0.0450 0.59 1.00 0.97 237.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 8 8 220 4 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0380 0.59 1.00 1.08 301.0 10.0 283.8 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 8 8 220 5 -3.7 0.080 -9.000 -9.000 -999. 54. 12.6 0.0370 0.59 1.00 1.23 32.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 8 220 6 -7.0 0.110 -9.000 -9.000 -999. 87. 17.2 0.0360 0.59 0.67 1.72 110.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 8 220 7 0.8 0.096 0.137 0.020 112. 71. -96.3 0.0360 0.59 0.33 1.28 100.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 8 220 8 13.8 0.097 0.441 0.035 223. 73. -6.0 0.0370 0.59 0.22 1.03 54.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 8 220 9 115.1 0.122 1.116 0.040 435. 102. -1.4 0.0360 0.59 0.18 1.04 101.0 10.0 288.1 2.0 0
0.00 80. 1009. 3 ADJ-A1 NoSubs
18 8 8 220 10 151.3 0.182 1.267 0.041 484. 186. -3.6 0.0360 0.59 0.17 1.81 240.0 10.0 294.2 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 8 8 220 11 178.3 0.337 1.369 0.038 518. 469. -19.3 0.0450 0.59 0.17 3.88 214.0 10.0 294.2 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
18 8 8 220 12 193.1 0.360 1.435 0.036 551. 518. -21.7 0.0450 0.59 0.17 4.19 218.0 10.0 293.8 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
18 8 8 220 13 196.5 0.267 1.466 0.034 578. 335. -8.7 0.0280 0.59 0.17 3.14 209.0 10.0 295.9 2.0 0
0.00 48. 1008. 0 ADJ-A1 Sub_CC
18 8 8 220 14 186.7 0.326 1.460 0.031 600. 446. -16.6 0.0280 0.59 0.17 4.08 186.0 10.0 295.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 8 8 220 15 164.2 0.337 1.407 0.029 611. 469. -21.0 0.0280 0.59 0.17 4.31 183.0 10.0 293.8 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 8 8 220 16 130.3 0.299 1.310 0.028 620. 393. -18.4 0.0280 0.59 0.18 3.78 183.0 10.0 292.5 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 8 8 220 17 86.1 0.299 1.144 0.027 625. 391. -27.8 0.0280 0.59 0.20 3.90 184.0 10.0 289.2 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
18 8 8 220 18 35.1 0.282 0.849 0.027 626. 359. -57.1 0.0420 0.59 0.26 3.56 177.0 10.0 287.0 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
18 8 8 220 19 -14.0 0.200 -9.000 -9.000 -999. 217. 50.9 0.0420 0.59 0.48 2.89 174.0 10.0 285.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 8 220 20 -6.5 0.106 -9.000 -9.000 -999. 87. 16.6 0.0420 0.59 1.00 1.62 165.0 10.0 285.4 2.0 0
0.00 92. 1008. 7 ADJ-A1 NoSubs
18 8 8 220 21 -8.7 0.124 -9.000 -9.000 -999. 104. 19.4 0.0390 0.59 1.00 1.89 143.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 8 220 22 -5.7 0.099 -9.000 -9.000 -999. 75. 15.4 0.0390 0.59 1.00 1.54 135.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 8 220 23 -1.9 0.063 -9.000 -9.000 -999. 38. 12.3 0.0370 0.59 1.00 0.79 55.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 8 220 24 -1.9 0.063 -9.000 -9.000 -999. 38. 12.2 0.0360 0.59 1.00 0.80 253.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 9 221 1 -1.7 0.061 -9.000 -9.000 -999. 37. 12.4 0.0320 0.59 1.00 0.75 274.0 10.0 284.9 2.0 0
0.00 100. 1008. 7 ADJ-A1 NoSubs
18 8 9 221 2 -3.0 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.59 1.00 1.09 259.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 9 221 3 -4.0 0.083 -9.000 -9.000 -999. 58. 12.9 0.0360 0.59 1.00 1.30 249.0 10.0 283.1 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 9 221 4 -2.4 0.067 -9.000 -9.000 -999. 42. 11.7 0.0360 0.59 1.00 0.94 260.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 9 221 5 -2.0 0.064 -9.000 -9.000 -999. 38. 11.8 0.0320 0.59 1.00 0.84 298.0 10.0 284.2 2.0 0

0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 9 221 6 -3.1 0.075 -9.000 -9.000 -999. 49. 12.1 0.0370 0.59 0.68 1.13 19.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 9 221 7 0.8 0.067 0.137 0.034 115. 41. -33.5 0.0370 0.59 0.33 0.84 38.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 9 221 8 56.0 0.105 0.747 0.038 267. 82. -1.9 0.0370 0.59 0.22 0.94 31.0 10.0 285.9 2.0 0
0.00 96. 1008. 7 ADJ-A1 NoSubs
18 8 9 221 9 111.8 0.143 1.034 0.039 356. 129. -2.3 0.0390 0.59 0.18 1.30 143.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 8 9 221 10 151.7 0.217 1.180 0.037 390. 242. -6.0 0.0420 0.59 0.17 2.23 168.0 10.0 296.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 8 9 221 11 179.8 0.231 1.274 0.033 414. 267. -6.2 0.0450 0.59 0.17 2.35 210.0 10.0 298.8 2.0 0
0.00 45. 1007. 0 ADJ-A1 NoSubs
18 8 9 221 12 194.9 0.295 1.328 0.030 432. 384. -11.8 0.0280 0.59 0.17 3.58 194.0 10.0 299.2 2.0 0
0.00 43. 1007. 0 ADJ-A1 NoSubs
18 8 9 221 13 197.7 0.377 1.352 0.019 449. 556. -24.4 0.0450 0.59 0.17 4.44 210.0 10.0 299.9 2.0 0
0.00 42. 1008. 0 ADJ-A1 NoSubs
18 8 9 221 14 187.4 0.366 1.343 0.020 465. 533. -23.6 0.0280 0.59 0.17 4.73 195.0 10.0 298.1 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
18 8 9 221 15 165.4 0.333 1.306 0.022 485. 461. -20.0 0.0280 0.59 0.17 4.24 186.0 10.0 298.1 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
18 8 9 221 16 130.3 0.349 1.224 0.020 505. 495. -29.3 0.0280 0.59 0.18 4.58 191.0 10.0 294.2 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
18 8 9 221 17 86.0 0.310 1.089 0.020 539. 415. -31.1 0.0280 0.59 0.20 4.08 186.0 10.0 291.4 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
18 8 9 221 18 34.3 0.285 0.804 0.019 544. 365. -60.5 0.0280 0.59 0.27 3.90 188.0 10.0 287.0 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 8 9 221 19 -12.4 0.172 -9.000 -9.000 -999. 177. 36.8 0.0280 0.59 0.48 2.69 192.0 10.0 285.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 9 221 20 -12.0 0.146 -9.000 -9.000 -999. 134. 23.6 0.0420 0.59 1.00 2.18 176.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 9 221 21 -8.4 0.121 -9.000 -9.000 -999. 102. 19.1 0.0390 0.59 1.00 1.86 142.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 9 221 22 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0390 0.59 1.00 1.42 139.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 8 9 221 23 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0370 0.59 1.00 0.96 58.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 9 221 24 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0370 0.59 1.00 0.91 1.0 10.0 284.9 2.0 0
0.00 100. 1009. 7 ADJ-A1 NoSubs
18 8 10 222 1 -3.2 0.075 -9.000 -9.000 -999. 49. 11.8 0.0320 0.59 1.00 1.16 284.0 10.0 284.9 2.0 0
0.00 96. 1009. 3 ADJ-A1 NoSubs
18 8 10 222 2 -5.4 0.097 -9.000 -9.000 -999. 73. 15.3 0.0450 0.59 1.00 1.47 231.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 10 222 3 -4.0 0.082 -9.000 -9.000 -999. 57. 12.7 0.0320 0.59 1.00 1.31 276.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 10 222 4 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0360 0.59 1.00 0.86 244.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 10 222 5 -2.3 0.067 -9.000 -9.000 -999. 42. 12.1 0.0440 0.59 1.00 0.89 337.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 10 222 6 -3.3 0.076 -9.000 -9.000 -999. 50. 11.9 0.0320 0.59 0.69 1.18 275.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 10 222 7 0.5 0.071 0.121 0.041 121. 45. -61.4 0.0450 0.59 0.33 0.89 229.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 10 222 8 13.5 0.123 0.401 0.041 171. 104. -12.5 0.0440 0.59 0.22 1.37 360.0 10.0 284.9 2.0 0

0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 10 222 9 111.3 0.147 0.886 0.037 225. 135. -2.6 0.0280 0.59 0.19 1.48 194.0 10.0 290.9 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
18 8 10 222 10 150.4 0.231 1.038 0.033 268. 266. -7.4 0.0420 0.59 0.17 2.44 169.0 10.0 294.2 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
18 8 10 222 11 177.9 0.267 1.154 0.026 311. 331. -9.6 0.0280 0.59 0.17 3.17 183.0 10.0 295.4 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
18 8 10 222 12 193.3 0.302 1.225 0.017 343. 398. -12.8 0.0420 0.59 0.17 3.39 178.0 10.0 296.4 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
18 8 10 222 13 195.1 0.320 1.259 0.014 369. 433. -15.1 0.0280 0.59 0.17 3.97 185.0 10.0 294.9 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
18 8 10 222 14 185.5 0.291 1.290 0.015 417. 378. -12.0 0.0280 0.59 0.17 3.54 192.0 10.0 294.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 8 10 222 15 163.0 0.305 1.279 0.013 462. 404. -15.6 0.0280 0.59 0.17 3.80 180.0 10.0 293.8 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
18 8 10 222 16 128.5 0.315 1.195 0.011 478. 425. -22.0 0.0280 0.59 0.18 4.05 190.0 10.0 290.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 8 10 222 17 84.5 0.303 1.046 0.010 488. 401. -29.7 0.0280 0.59 0.20 3.98 192.0 10.0 288.8 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
18 8 10 222 18 6.5 0.255 0.444 0.010 487. 310. -231.4 0.0280 0.59 0.27 3.66 183.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 8 10 222 19 -12.2 0.168 -9.000 -9.000 -999. 169. 35.2 0.0280 0.59 0.49 2.64 181.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 8 10 222 20 -15.0 0.164 -9.000 -9.000 -999. 159. 29.5 0.0390 0.59 1.00 2.45 145.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 8 10 222 21 -6.3 0.105 -9.000 -9.000 -999. 82. 16.3 0.0390 0.59 1.00 1.62 136.0 10.0 286.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 8 10 222 22 -4.9 0.092 -9.000 -9.000 -999. 67. 14.4 0.0390 0.59 1.00 1.43 135.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 8 10 222 23 -3.7 0.081 -9.000 -9.000 -999. 55. 12.7 0.0390 0.59 1.00 1.23 134.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 8 10 222 24 -4.8 0.089 -9.000 -9.000 -999. 64. 13.5 0.0280 0.59 1.00 1.47 207.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 8 11 223 1 -2.4 0.067 -9.000 -9.000 -999. 41. 11.2 0.0280 0.59 1.00 0.99 188.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 11 223 2 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0390 0.59 1.00 1.42 141.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 11 223 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.2 0.0390 0.59 1.00 1.30 124.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 11 223 4 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0420 0.59 1.00 1.23 156.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 11 223 5 -2.0 0.065 -9.000 -9.000 -999. 39. 11.8 0.0340 0.59 1.00 0.86 82.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 11 223 6 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0370 0.59 0.69 1.06 59.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 8 11 223 7 0.6 0.076 0.127 0.029 121. 50. -63.8 0.0370 0.59 0.33 0.99 12.0 10.0 285.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 8 11 223 8 67.6 0.115 0.710 0.027 191. 94. -2.0 0.0320 0.59 0.22 1.08 299.0 10.0 289.2 2.0 0
0.00 80. 1011. 3 ADJ-A1 NoSubs
18 8 11 223 9 111.0 0.165 0.966 0.026 293. 161. -3.7 0.0420 0.59 0.19 1.59 165.0 10.0 291.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
18 8 11 223 10 149.7 0.238 1.136 0.022 354. 279. -8.2 0.0420 0.59 0.17 2.55 177.0 10.0 293.8 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 8 11 223 11 177.5 0.240 1.247 0.019 395. 282. -7.0 0.0280 0.59 0.17 2.76 189.0 10.0 295.4 2.0 0

0.00 54. 1011. 0 ADJ-A1 NoSubs
18 8 11 223 12 192.4 0.267 1.322 0.015 434. 331. -8.9 0.0280 0.59 0.17 3.15 187.0 10.0 295.4 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 8 11 223 13 195.1 0.283 1.385 0.012 491. 361. -10.4 0.0280 0.59 0.17 3.39 185.0 10.0 295.9 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
18 8 11 223 14 185.2 0.311 1.421 0.010 559. 417. -14.7 0.0280 0.59 0.17 3.86 182.0 10.0 295.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
18 8 11 223 15 162.9 0.312 1.404 0.009 613. 418. -16.7 0.0280 0.59 0.17 3.91 183.0 10.0 294.9 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
18 8 11 223 16 128.4 0.338 1.323 0.008 649. 472. -27.1 0.0420 0.59 0.18 4.07 178.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 8 11 223 17 84.7 0.307 1.169 0.008 678. 409. -30.7 0.0420 0.59 0.20 3.73 173.0 10.0 292.0 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 8 11 223 18 33.9 0.265 0.869 0.008 697. 328. -49.2 0.0420 0.59 0.27 3.32 158.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 8 11 223 19 -14.1 0.226 -9.000 -9.000 -999. 259. 73.9 0.0420 0.59 0.49 3.25 163.0 10.0 289.9 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 8 11 223 20 -14.2 0.160 -9.000 -9.000 -999. 155. 28.3 0.0420 0.59 1.00 2.37 154.0 10.0 288.8 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 8 11 223 21 -14.3 0.160 -9.000 -9.000 -999. 154. 28.3 0.0420 0.59 1.00 2.37 152.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 8 11 223 22 -4.9 0.092 -9.000 -9.000 -999. 68. 14.3 0.0360 0.59 1.00 1.45 98.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 8 11 223 23 -1.8 0.062 -9.000 -9.000 -999. 37. 12.1 0.0320 0.59 1.00 0.79 293.0 10.0 287.5 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 8 11 223 24 -4.3 0.086 -9.000 -9.000 -999. 60. 13.4 0.0380 0.59 1.00 1.33 313.0 10.0 285.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 12 224 1 -4.2 0.084 -9.000 -9.000 -999. 59. 13.0 0.0320 0.59 1.00 1.35 287.0 10.0 284.9 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
18 8 12 224 2 -5.3 0.095 -9.000 -9.000 -999. 71. 14.7 0.0360 0.59 1.00 1.50 251.0 10.0 284.9 2.0 0
0.00 96. 1008. 0 ADJ-A1 NoSubs
18 8 12 224 3 -2.6 0.070 -9.000 -9.000 -999. 44. 11.7 0.0360 0.59 1.00 1.01 252.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 12 224 4 -2.2 0.066 -9.000 -9.000 -999. 41. 11.9 0.0380 0.59 1.00 0.89 312.0 10.0 283.1 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
18 8 12 224 5 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0450 0.59 1.00 1.18 215.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 12 224 6 -3.6 0.079 -9.000 -9.000 -999. 54. 12.5 0.0380 0.59 0.70 1.21 305.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 12 224 7 0.4 0.070 0.056 0.024 17. 44. -85.8 0.0450 0.59 0.34 0.89 224.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 12 224 8 13.5 0.094 0.345 0.029 109. 69. -5.5 0.0360 0.59 0.22 0.99 95.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 12 224 9 110.0 0.175 0.984 0.032 312. 175. -4.4 0.0280 0.59 0.19 1.89 198.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 8 12 224 10 148.7 0.251 1.153 0.029 371. 302. -9.6 0.0280 0.59 0.17 2.98 186.0 10.0 292.0 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 8 12 224 11 176.2 0.285 1.283 0.026 432. 366. -11.9 0.0420 0.59 0.17 3.18 179.0 10.0 293.1 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 8 12 224 12 191.5 0.324 1.375 0.024 489. 443. -16.0 0.0280 0.59 0.17 4.05 199.0 10.0 294.2 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 8 12 224 13 193.4 0.400 1.408 0.012 521. 607. -29.8 0.0450 0.59 0.17 4.78 214.0 10.0 292.5 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 8 12 224 14 183.6 0.389 1.399 0.013 537. 582. -28.7 0.0450 0.59 0.17 4.63 221.0 10.0 292.5 2.0 0

0.00 67. 1009. 0 ADJ-A1 NoSubs
18 8 12 224 15 161.1 0.320 1.351 0.016 551. 438. -18.4 0.0360 0.59 0.17 3.85 248.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 8 12 224 16 127.2 0.316 1.257 0.015 562. 427. -22.4 0.0450 0.59 0.18 3.69 229.0 10.0 290.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 8 12 224 17 83.0 0.307 1.094 0.014 568. 409. -31.5 0.0450 0.59 0.20 3.69 219.0 10.0 289.2 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
18 8 12 224 18 31.5 0.242 0.793 0.014 570. 287. -40.3 0.0450 0.59 0.27 2.95 211.0 10.0 287.5 2.0 0
0.00 89. 1008. 7 ADJ-A1 NoSubs
18 8 12 224 19 -12.8 0.168 -9.000 -9.000 -999. 167. 33.3 0.0280 0.59 0.50 2.64 207.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 12 224 20 -8.1 0.117 -9.000 -9.000 -999. 97. 18.0 0.0280 0.59 1.00 1.91 184.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 12 224 21 -6.1 0.102 -9.000 -9.000 -999. 78. 15.4 0.0280 0.59 1.00 1.67 187.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 12 224 22 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0280 0.59 1.00 1.45 208.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 12 224 23 -4.1 0.084 -9.000 -9.000 -999. 58. 12.7 0.0280 0.59 1.00 1.37 195.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 12 224 24 -3.8 0.082 -9.000 -9.000 -999. 56. 12.8 0.0390 0.59 1.00 1.25 149.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 13 225 1 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0360 0.59 1.00 1.06 110.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 13 225 2 -4.1 0.084 -9.000 -9.000 -999. 59. 13.2 0.0390 0.59 1.00 1.30 146.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 13 225 3 -8.1 0.119 -9.000 -9.000 -999. 98. 18.6 0.0390 0.59 1.00 1.82 138.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 13 225 4 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0360 0.59 1.00 1.30 114.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 13 225 5 -3.8 0.082 -9.000 -9.000 -999. 56. 12.8 0.0370 0.59 1.00 1.26 53.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 8 13 225 6 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.59 0.71 1.33 44.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 13 225 7 0.3 0.104 0.082 0.012 63. 80. -316.6 0.0340 0.59 0.34 1.45 73.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 8 13 225 8 13.2 0.150 0.423 0.036 205. 140. -23.2 0.0420 0.59 0.22 1.79 163.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 8 13 225 9 25.1 0.154 0.603 0.038 313. 146. -13.2 0.0390 0.59 0.19 1.77 131.0 10.0 285.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 8 13 225 10 35.0 0.127 0.743 0.039 421. 108. -5.2 0.0420 0.59 0.17 1.28 178.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 8 13 225 11 42.3 0.181 0.803 0.039 441. 186. -12.7 0.0280 0.59 0.17 2.22 189.0 10.0 289.2 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
18 8 13 225 12 189.7 0.315 1.417 0.036 541. 425. -14.9 0.0450 0.59 0.17 3.54 213.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 8 13 225 13 192.9 0.315 1.447 0.034 567. 424. -14.6 0.0280 0.59 0.17 3.90 200.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
18 8 13 225 14 183.3 0.303 1.435 0.031 581. 400. -13.7 0.0280 0.59 0.17 3.73 198.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 8 13 225 15 161.0 0.299 1.380 0.029 588. 392. -14.9 0.0280 0.59 0.17 3.71 196.0 10.0 293.1 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 8 13 225 16 126.6 0.337 1.278 0.027 594. 469. -27.1 0.0280 0.59 0.18 4.39 191.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 8 13 225 17 82.5 0.260 1.110 0.026 596. 321. -19.1 0.0280 0.59 0.20 3.30 182.0 10.0 290.4 2.0 0

0.00 77. 1008. 0 ADJ-A1 NoSubs
18 8 13 225 18 31.1 0.243 0.803 0.026 597. 287. -41.3 0.0420 0.59 0.27 3.01 157.0 10.0 288.8 2.0 0
0.00 86. 1008. 7 ADJ-A1 NoSubs
18 8 13 225 19 -16.3 0.216 -9.000 -9.000 -999. 242. 55.8 0.0390 0.59 0.51 3.17 123.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 8 13 225 20 -21.0 0.214 -9.000 -9.000 -999. 238. 50.4 0.0360 0.59 1.00 3.20 117.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 13 225 21 -20.0 0.203 -9.000 -9.000 -999. 220. 45.5 0.0360 0.59 1.00 3.05 96.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 13 225 22 -17.6 0.179 -9.000 -9.000 -999. 182. 35.3 0.0340 0.59 1.00 2.73 81.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 13 225 23 -10.0 0.132 -9.000 -9.000 -999. 116. 20.9 0.0360 0.59 1.00 2.04 104.0 10.0 287.5 2.0 0
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18 8 13 225 24 -14.9 0.163 -9.000 -9.000 -999. 157. 29.1 0.0360 0.59 1.00 2.47 112.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 8 14 226 1 -11.0 0.138 -9.000 -9.000 -999. 124. 21.8 0.0340 0.59 1.00 2.15 87.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 14 226 2 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.59 1.00 1.40 60.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 14 226 3 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.59 1.00 1.04 18.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 14 226 4 -2.3 0.067 -9.000 -9.000 -999. 42. 11.7 0.0360 0.59 1.00 0.94 250.0 10.0 285.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 8 14 226 5 -3.6 0.080 -9.000 -9.000 -999. 54. 12.5 0.0360 0.59 1.00 1.23 266.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 14 226 6 -2.9 0.072 -9.000 -9.000 -999. 47. 11.7 0.0340 0.59 0.72 1.09 87.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 14 226 7 0.4 0.080 0.096 0.005 75. 55. -108.7 0.0340 0.59 0.34 1.09 71.0 10.0 286.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 14 226 8 13.5 0.103 0.415 0.007 190. 80. -7.3 0.0390 0.59 0.22 1.11 143.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 8 14 226 9 25.6 0.136 0.604 0.015 310. 121. -8.9 0.0450 0.59 0.19 1.45 222.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 8 14 226 10 35.3 0.174 0.746 0.033 423. 174. -13.4 0.0450 0.59 0.18 1.93 215.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 8 14 226 11 42.4 0.242 0.854 0.035 528. 286. -30.2 0.0450 0.59 0.17 2.90 227.0 10.0 289.9 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
18 8 14 226 12 189.9 0.257 1.513 0.039 657. 313. -8.0 0.0280 0.59 0.17 3.00 202.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 8 14 226 13 192.8 0.328 1.546 0.037 690. 450. -16.4 0.0280 0.59 0.17 4.10 201.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 8 14 226 14 183.4 0.311 1.533 0.035 707. 416. -14.7 0.0280 0.59 0.17 3.85 203.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 8 14 226 15 161.0 0.272 1.478 0.033 722. 341. -11.2 0.0280 0.59 0.17 3.28 182.0 10.0 294.9 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
18 8 14 226 16 126.7 0.339 1.372 0.032 733. 474. -27.7 0.0420 0.59 0.18 4.09 154.0 10.0 293.8 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
18 8 14 226 17 82.4 0.315 1.206 0.031 764. 426. -34.2 0.0390 0.59 0.20 3.92 136.0 10.0 292.5 2.0 0
0.00 70. 1007. 0 ADJ-A1 NoSubs
18 8 14 226 18 30.9 0.321 0.872 0.031 771. 436. -96.2 0.0390 0.59 0.28 4.22 140.0 10.0 290.4 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
18 8 14 226 19 -20.4 0.292 -9.000 -9.000 -999. 379. 109.4 0.0390 0.59 0.52 4.22 132.0 10.0 288.8 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
18 8 14 226 20 -21.1 0.215 -9.000 -9.000 -999. 242. 51.1 0.0360 0.59 1.00 3.22 115.0 10.0 288.1 2.0 0

0.00 86. 1007. 0 ADJ-A1 NoSubs
18 8 14 226 21 -16.1 0.170 -9.000 -9.000 -999. 168. 31.7 0.0360 0.59 1.00 2.57 103.0 10.0 287.5 2.0 0
0.00 89. 1007. 7 ADJ-A1 NoSubs
18 8 14 226 22 -8.8 0.124 -9.000 -9.000 -999. 105. 19.4 0.0340 0.59 1.00 1.94 81.0 10.0 287.5 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 8 14 226 23 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0370 0.59 1.00 1.45 5.0 10.0 287.0 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 8 14 226 24 -5.7 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.59 1.00 1.55 323.0 10.0 286.4 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 8 15 227 1 -4.7 0.091 -9.000 -9.000 -999. 65. 14.2 0.0440 0.59 1.00 1.37 334.0 10.0 285.9 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 8 15 227 2 -6.3 0.105 -9.000 -9.000 -999. 82. 16.5 0.0440 0.59 1.00 1.59 339.0 10.0 285.9 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 8 15 227 3 -7.8 0.117 -9.000 -9.000 -999. 96. 18.5 0.0440 0.59 1.00 1.76 334.0 10.0 285.4 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 8 15 227 4 -2.9 0.073 -9.000 -9.000 -999. 47. 12.2 0.0440 0.59 1.00 1.04 340.0 10.0 284.9 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 5 -5.5 0.098 -9.000 -9.000 -999. 73. 15.3 0.0440 0.59 1.00 1.48 339.0 10.0 284.9 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 6 -4.1 0.085 -9.000 -9.000 -999. 60. 13.5 0.0440 0.59 0.73 1.28 337.0 10.0 285.4 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 7 8.8 0.072 0.447 0.008 365. 46. -3.8 0.0370 0.59 0.34 0.72 26.0 10.0 287.0 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 15 227 8 61.2 0.100 0.995 0.034 579. 75. -1.4 0.0420 0.59 0.22 0.82 163.0 10.0 289.9 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
18 8 15 227 9 108.5 0.189 1.329 0.037 779. 197. -5.6 0.0450 0.59 0.19 1.89 210.0 10.0 292.0 2.0 0
0.00 72. 1009. 5 ADJ-A1 NoSubs
18 8 15 227 10 147.8 0.231 1.494 0.035 814. 266. -7.5 0.0280 0.59 0.18 2.67 205.0 10.0 293.8 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 8 15 227 11 175.2 0.320 1.601 0.034 845. 435. -16.9 0.0280 0.59 0.17 4.02 206.0 10.0 294.2 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
18 8 15 227 12 190.3 0.345 1.659 0.032 866. 485. -19.4 0.0450 0.59 0.17 3.97 217.0 10.0 294.9 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
18 8 15 227 13 193.3 0.317 1.682 0.030 887. 429. -14.8 0.0450 0.59 0.17 3.56 211.0 10.0 296.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
18 8 15 227 14 183.4 0.346 1.664 0.029 905. 488. -20.3 0.0450 0.59 0.17 4.00 221.0 10.0 296.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 15 161.0 0.291 1.597 0.027 911. 378. -13.7 0.0280 0.59 0.17 3.58 203.0 10.0 296.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 16 127.0 0.337 1.479 0.026 916. 470. -27.2 0.0420 0.59 0.18 4.06 176.0 10.0 296.4 2.0 0
0.00 52. 1008. 0 ADJ-A1 Sub_CC
18 8 15 227 17 81.8 0.342 1.278 0.026 919. 480. -44.0 0.0420 0.59 0.20 4.26 150.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 18 30.1 0.291 0.917 0.025 920. 378. -73.5 0.0390 0.59 0.28 3.78 144.0 10.0 290.9 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 19 -17.9 0.250 -9.000 -9.000 -999. 301. 78.5 0.0390 0.59 0.52 3.64 145.0 10.0 289.9 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 20 -17.3 0.177 -9.000 -9.000 -999. 181. 34.6 0.0390 0.59 1.00 2.64 132.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 21 -9.4 0.129 -9.000 -9.000 -999. 111. 20.3 0.0360 0.59 1.00 1.99 93.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 8 15 227 22 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.59 1.00 1.20 46.0 10.0 288.1 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 15 227 23 -3.1 0.075 -9.000 -9.000 -999. 49. 12.1 0.0370 0.59 1.00 1.13 41.0 10.0 288.1 2.0 0

0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 15 227 24 -3.9 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.59 1.00 1.28 308.0 10.0 287.0 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 8 16 228 1 -2.9 0.073 -9.000 -9.000 -999. 47. 12.2 0.0440 0.59 1.00 1.04 332.0 10.0 287.0 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 16 228 2 -5.5 0.098 -9.000 -9.000 -999. 73. 15.3 0.0440 0.59 1.00 1.48 338.0 10.0 286.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 16 228 3 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.59 1.00 1.45 327.0 10.0 286.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 8 16 228 4 -1.9 0.064 -9.000 -9.000 -999. 39. 12.3 0.0380 0.59 1.00 0.80 308.0 10.0 285.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 8 16 228 5 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0380 0.59 1.00 1.53 328.0 10.0 285.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 8 16 228 6 -8.4 0.121 -9.000 -9.000 -999. 101. 18.9 0.0380 0.59 0.73 1.86 327.0 10.0 285.4 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 7 8.6 0.114 0.357 0.015 189. 93. -15.7 0.0440 0.59 0.35 1.30 333.0 10.0 288.8 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 8 60.8 0.163 0.904 0.035 438. 158. -6.4 0.0420 0.59 0.22 1.69 168.0 10.0 290.4 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
18 8 16 228 9 108.8 0.175 1.168 0.035 529. 175. -4.4 0.0420 0.59 0.19 1.72 150.0 10.0 292.5 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
18 8 16 228 10 147.8 0.180 1.365 0.034 622. 184. -3.6 0.0280 0.59 0.18 1.90 190.0 10.0 294.9 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
18 8 16 228 11 175.4 0.305 1.470 0.032 654. 404. -14.6 0.0450 0.59 0.17 3.42 228.0 10.0 295.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
18 8 16 228 12 190.9 0.328 1.529 0.030 677. 451. -16.7 0.0450 0.59 0.17 3.73 226.0 10.0 297.5 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 13 193.2 0.397 1.541 0.028 684. 599. -29.1 0.0450 0.59 0.17 4.73 212.0 10.0 297.5 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 14 183.5 0.402 1.520 0.026 691. 612. -31.9 0.0450 0.59 0.17 4.83 221.0 10.0 298.1 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 15 160.8 0.359 1.459 0.024 697. 518. -26.0 0.0450 0.59 0.17 4.25 215.0 10.0 297.5 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 16 126.2 0.335 1.349 0.022 701. 466. -26.9 0.0420 0.59 0.18 4.03 179.0 10.0 296.4 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 17 81.3 0.311 1.166 0.022 704. 417. -33.4 0.0390 0.59 0.20 3.86 147.0 10.0 294.2 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 18 29.1 0.296 0.829 0.021 705. 387. -80.4 0.0420 0.59 0.28 3.81 161.0 10.0 290.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 19 -20.0 0.269 -9.000 -9.000 -999. 335. 87.5 0.0420 0.59 0.53 3.85 152.0 10.0 289.2 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
18 8 16 228 20 -19.3 0.197 -9.000 -9.000 -999. 211. 42.5 0.0390 0.59 1.00 2.91 136.0 10.0 288.8 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
18 8 16 228 21 -11.8 0.144 -9.000 -9.000 -999. 132. 23.0 0.0360 0.59 1.00 2.21 119.0 10.0 288.8 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 8 16 228 22 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.59 1.00 1.40 89.0 10.0 288.8 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
18 8 16 228 23 -3.4 0.077 -9.000 -9.000 -999. 52. 12.3 0.0370 0.59 1.00 1.18 15.0 10.0 288.1 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
18 8 16 228 24 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.59 1.00 0.97 302.0 10.0 287.5 2.0 0
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18 8 17 229 1 -2.0 0.065 -9.000 -9.000 -999. 39. 12.1 0.0380 0.59 1.00 0.84 326.0 10.0 287.0 2.0 0
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0.00 100. 1012. 10 ADJ-A1 NoSubs
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18 8 18 230 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.3 0.0420 0.59 1.00 1.28 172.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
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18 8 18 230 5 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0360 0.59 1.00 1.38 115.0 10.0 285.4 2.0 0

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0.00 100. 1012. 10 ADJ-A1 NoSubs
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0.00 100. 1012. 10 ADJ-A1 NoSubs
18 8 18 230 8 12.9 0.097 0.344 0.037 114. 73. -6.4 0.0370 0.59 0.23 1.04 35.0 10.0 287.0 2.0 0
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18 8 18 230 9 107.0 0.146 0.813 0.032 181. 133. -2.6 0.0390 0.59 0.19 1.35 141.0 10.0 290.4 2.0 0
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18 8 18 230 10 146.1 0.247 0.998 0.025 246. 295. -9.3 0.0280 0.59 0.18 2.93 183.0 10.0 293.1 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
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0.00 62. 1013. 0 ADJ-A1 NoSubs
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0.00 58. 1012. 0 ADJ-A1 NoSubs
18 8 18 230 13 190.6 0.350 1.272 0.011 390. 497. -20.3 0.0450 0.59 0.17 4.05 237.0 10.0 293.8 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
18 8 18 230 14 180.3 0.359 1.341 0.010 484. 515. -23.1 0.0450 0.59 0.17 4.20 233.0 10.0 293.1 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
18 8 18 230 15 157.4 0.335 1.314 0.010 520. 466. -21.6 0.0450 0.59 0.17 3.90 233.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 8 18 230 16 122.6 0.349 1.228 0.009 546. 495. -31.3 0.0450 0.59 0.18 4.19 231.0 10.0 290.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
18 8 18 230 17 78.0 0.283 1.067 0.009 561. 364. -26.3 0.0360 0.59 0.21 3.51 246.0 10.0 289.9 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 8 18 230 18 31.1 0.239 0.787 0.008 566. 281. -39.7 0.0360 0.59 0.29 3.05 245.0 10.0 288.1 2.0 0
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0.00 96. 1010. 10 ADJ-A1 NoSubs
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0.00 96. 1011. 10 ADJ-A1 NoSubs
18 8 18 230 21 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0450 0.59 1.00 1.08 237.0 10.0 287.0 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 8 18 230 22 -3.1 0.074 -9.000 -9.000 -999. 49. 11.9 0.0340 0.59 1.00 1.14 78.0 10.0 287.0 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 8 18 230 23 -2.4 0.068 -9.000 -9.000 -999. 42. 11.6 0.0340 0.59 1.00 0.97 76.0 10.0 287.0 2.0 0
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18 8 18 230 24 -3.4 0.077 -9.000 -9.000 -999. 52. 12.2 0.0340 0.59 1.00 1.20 64.0 10.0 287.0 2.0 0
0.00 96. 1010. 10 ADJ-A1 Sub_CC
18 8 19 231 1 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.59 1.00 1.25 102.0 10.0 287.0 2.0 0
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18 8 19 231 2 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.59 1.00 1.20 32.0 10.0 287.0 2.0 0
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18 8 19 231 3 -2.2 0.066 -9.000 -9.000 -999. 41. 11.6 0.0340 0.59 1.00 0.92 88.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 8 19 231 4 -3.2 0.076 -9.000 -9.000 -999. 51. 12.4 0.0420 0.59 1.00 1.13 152.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 8 19 231 5 -5.1 0.094 -9.000 -9.000 -999. 69. 14.8 0.0450 0.59 1.00 1.42 221.0 10.0 285.9 2.0 0
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18 8 19 231 7 -0.6 0.085 -9.000 -9.000 -999. 59. 94.1 0.0450 0.59 0.35 1.20 225.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 8 19 231 8 12.6 0.106 0.308 0.034 84. 83. -8.6 0.0280 0.59 0.23 1.25 184.0 10.0 286.4 2.0 0

0.00 92. 1010. 10 ADJ-A1 NoSubs
18 8 19 231 9 89.1 0.151 0.837 0.035 237. 141. -3.5 0.0280 0.59 0.19 1.59 180.0 10.0 288.8 2.0 0
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0.00 72. 1010. 0 ADJ-A1 NoSubs
18 8 19 231 11 171.9 0.298 1.221 0.030 382. 391. -13.9 0.0280 0.59 0.17 3.68 188.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 8 19 231 12 187.4 0.274 1.297 0.028 420. 345. -9.9 0.0280 0.59 0.17 3.27 198.0 10.0 292.5 2.0 0
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18 8 19 231 13 189.6 0.360 1.337 0.016 454. 519. -22.2 0.0450 0.59 0.17 4.20 212.0 10.0 292.5 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 8 19 231 14 179.6 0.367 1.342 0.014 484. 533. -24.7 0.0450 0.59 0.17 4.32 215.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 8 19 231 15 156.1 0.403 1.295 0.011 500. 614. -37.7 0.0450 0.59 0.17 4.90 223.0 10.0 290.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 8 19 231 16 121.4 0.351 1.200 0.017 512. 501. -32.1 0.0450 0.59 0.18 4.22 223.0 10.0 289.9 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 8 19 231 17 78.2 0.315 1.041 0.016 519. 425. -36.0 0.0280 0.59 0.21 4.19 206.0 10.0 288.1 2.0 0
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18 8 19 231 18 4.6 0.240 0.406 0.016 519. 285. -268.7 0.0450 0.59 0.29 3.17 210.0 10.0 287.5 2.0 0
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18 8 19 231 19 -15.6 0.182 -9.000 -9.000 -999. 187. 36.3 0.0450 0.59 0.56 2.62 216.0 10.0 287.0 2.0 0
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18 8 19 231 20 -7.1 0.110 -9.000 -9.000 -999. 88. 16.7 0.0280 0.59 1.00 1.79 207.0 10.0 286.4 2.0 0
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18 8 19 231 21 -9.2 0.127 -9.000 -9.000 -999. 109. 20.1 0.0390 0.59 1.00 1.94 130.0 10.0 287.0 2.0 0
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18 8 19 231 24 -5.0 0.093 -9.000 -9.000 -999. 68. 14.5 0.0420 0.59 1.00 1.42 171.0 10.0 285.9 2.0 0
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0.00 74. 1008. 10 ADJ-A1 NoSubs
18 8 20 232 15 151.5 0.371 1.350 0.037 584. 542. -30.3 0.0450 0.59 0.17 4.44 235.0 10.0 290.9 2.0 0
0.00 72. 1008. 5 ADJ-A1 NoSubs
18 8 20 232 16 28.9 0.366 0.780 0.037 588. 532. -152.6 0.0360 0.59 0.18 4.97 250.0 10.0 289.9 2.0 0
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18 8 20 232 17 17.5 0.314 0.660 0.037 589. 423. -158.3 0.0360 0.59 0.21 4.26 247.0 10.0 288.8 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
18 8 20 232 18 4.5 0.255 0.421 0.036 590. 310. -328.6 0.0360 0.59 0.29 3.52 248.0 10.0 288.1 2.0 0
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18 8 20 232 23 -7.6 0.115 -9.000 -9.000 -999. 93. 17.9 0.0360 0.59 1.00 1.79 258.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 8 20 232 24 -8.4 0.121 -9.000 -9.000 -999. 101. 18.9 0.0360 0.59 1.00 1.88 259.0 10.0 287.0 2.0 0
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18 8 21 233 1 -13.9 0.157 -9.000 -9.000 -999. 149. 27.1 0.0360 0.59 1.00 2.39 260.0 10.0 287.0 2.0 0
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0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 21 233 9 24.5 0.119 0.597 0.008 313. 98. -6.2 0.0450 0.59 0.19 1.21 220.0 10.0 287.5 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 8 21 233 10 34.2 0.126 0.700 0.009 362. 108. -5.3 0.0450 0.59 0.18 1.26 226.0 10.0 288.1 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
18 8 21 233 11 41.3 0.159 0.780 0.013 414. 152. -8.7 0.0373 0.59 0.17 1.76 999.0 10.0 289.2 2.0 0
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18 8 21 233 12 45.5 0.241 0.838 0.016 465. 283. -27.6 0.0450 0.59 0.17 2.86 232.0 10.0 290.9 2.0 0
0.00 69. 1010. 10 ADJ-SFC NoSubs
18 8 21 233 13 46.4 0.275 0.871 0.020 513. 346. -40.4 0.0450 0.59 0.17 3.36 224.0 10.0 292.0 2.0 0
0.00 67. 1010. 10 ADJ-SFC NoSubs
18 8 21 233 14 181.1 0.438 1.495 0.032 665. 696. -41.8 0.0450 0.59 0.17 5.36 219.0 10.0 293.1 2.0 0

0.00 64. 1010. 3 ADJ-SFC NoSubs
18 8 21 233 15 154.8 0.458 1.489 0.032 769. 744. -56.0 0.0360 0.59 0.17 5.96 263.0 10.0 291.4 2.0 0
0.00 72. 1010. 0 ADJ-SFC NoSubs
18 8 21 233 16 28.9 0.303 0.858 0.032 786. 419. -86.9 0.0360 0.59 0.18 4.03 258.0 10.0 290.4 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
18 8 21 233 17 17.4 0.283 0.727 0.032 796. 361. -116.7 0.0360 0.59 0.21 3.80 261.0 10.0 289.2 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 21 233 18 4.6 0.229 0.466 0.032 798. 265. -238.0 0.0360 0.59 0.30 3.15 261.0 10.0 289.2 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 21 233 19 -12.9 0.156 -9.000 -9.000 -999. 150. 26.8 0.0360 0.59 0.58 2.37 246.0 10.0 288.8 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 8 21 233 20 -6.7 0.108 -9.000 -9.000 -999. 85. 16.8 0.0360 0.59 1.00 1.69 246.0 10.0 288.8 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 8 21 233 21 -7.0 0.111 -9.000 -9.000 -999. 89. 17.6 0.0450 0.59 1.00 1.67 230.0 10.0 288.8 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 8 21 233 22 -8.5 0.122 -9.000 -9.000 -999. 102. 19.1 0.0360 0.59 1.00 1.89 241.0 10.0 288.8 2.0 0
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18 8 21 233 23 -9.4 0.128 -9.000 -9.000 -999. 110. 20.2 0.0360 0.59 1.00 1.98 242.0 10.0 288.8 2.0 0
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18 8 21 233 24 -10.4 0.135 -9.000 -9.000 -999. 119. 21.4 0.0360 0.59 1.00 2.08 244.0 10.0 288.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
18 8 22 234 1 -5.1 0.093 -9.000 -9.000 -999. 69. 14.5 0.0360 0.59 1.00 1.47 258.0 10.0 288.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
18 8 22 234 2 -3.0 0.073 -9.000 -9.000 -999. 48. 11.7 0.0320 0.59 1.00 1.13 276.0 10.0 288.1 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 8 22 234 3 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.59 1.00 1.03 320.0 10.0 288.8 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 8 22 234 4 -4.4 0.088 -9.000 -9.000 -999. 63. 13.9 0.0440 0.59 1.00 1.33 330.0 10.0 288.8 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 8 22 234 5 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.59 1.00 1.26 325.0 10.0 288.8 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 8 22 234 6 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0320 0.59 1.00 1.26 284.0 10.0 288.8 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 8 22 234 7 -0.0 0.078 -9.000 -9.000 -999. 52. 923.8 0.0440 0.59 0.36 1.06 334.0 10.0 289.2 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
18 8 22 234 8 12.9 0.105 0.536 0.007 429. 82. -8.2 0.0320 0.59 0.23 1.20 296.0 10.0 289.2 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
18 8 22 234 9 25.0 0.153 0.713 0.010 524. 143. -12.9 0.0320 0.59 0.19 1.82 271.0 10.0 289.9 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
18 8 22 234 10 34.7 0.192 0.847 0.028 633. 203. -18.6 0.0450 0.59 0.18 2.21 225.0 10.0 290.4 2.0 0
0.00 75. 1013. 10 ADJ-A1 NoSubs
18 8 22 234 11 42.0 0.213 0.954 0.030 745. 236. -20.8 0.0450 0.59 0.17 2.47 226.0 10.0 292.0 2.0 0
0.00 64. 1013. 10 ADJ-A1 NoSubs
18 8 22 234 12 151.5 0.308 1.527 0.031 849. 411. -17.5 0.0360 0.59 0.17 3.69 247.0 10.0 293.1 2.0 0
0.00 60. 1012. 7 ADJ-A1 NoSubs
18 8 22 234 13 188.6 0.361 1.660 0.030 877. 521. -22.5 0.0360 0.59 0.17 4.42 247.0 10.0 294.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
18 8 22 234 14 178.0 0.403 1.658 0.029 925. 613. -33.0 0.0360 0.59 0.17 5.07 251.0 10.0 294.2 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
18 8 22 234 15 155.0 0.425 1.607 0.028 967. 665. -44.7 0.0360 0.59 0.17 5.46 256.0 10.0 294.2 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 8 22 234 16 119.9 0.423 1.487 0.027 991. 659. -56.7 0.0360 0.59 0.18 5.50 255.0 10.0 293.1 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 8 22 234 17 74.8 0.365 1.277 0.027 1005. 532. -58.6 0.0360 0.59 0.21 4.76 260.0 10.0 292.0 2.0 0

0.00 69. 1011. 0 ADJ-A1 NoSubs
18 8 22 234 18 22.8 0.287 0.861 0.027 1008. 373. -93.5 0.0360 0.59 0.30 3.83 258.0 10.0 290.4 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 8 22 234 19 -13.7 0.161 -9.000 -9.000 -999. 165. 28.6 0.0360 0.59 0.59 2.44 263.0 10.0 288.8 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 8 22 234 20 -3.9 0.082 -9.000 -9.000 -999. 60. 12.7 0.0320 0.59 1.00 1.31 291.0 10.0 288.8 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
18 8 22 234 21 -5.1 0.093 -9.000 -9.000 -999. 68. 14.3 0.0320 0.59 1.00 1.50 278.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 8 22 234 22 -6.1 0.102 -9.000 -9.000 -999. 78. 15.7 0.0320 0.59 1.00 1.64 292.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 8 22 234 23 -2.3 0.066 -9.000 -9.000 -999. 41. 11.7 0.0360 0.59 1.00 0.92 263.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 8 22 234 24 -2.8 0.070 -9.000 -9.000 -999. 45. 11.3 0.0280 0.59 1.00 1.09 202.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 8 23 235 1 -4.0 0.084 -9.000 -9.000 -999. 59. 13.4 0.0450 0.59 1.00 1.26 229.0 10.0 289.2 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
18 8 23 235 2 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0280 0.59 1.00 1.50 189.0 10.0 288.8 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
18 8 23 235 3 -3.7 0.080 -9.000 -9.000 -999. 55. 12.8 0.0420 0.59 1.00 1.21 173.0 10.0 288.8 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
18 8 23 235 4 -4.1 0.085 -9.000 -9.000 -999. 60. 13.5 0.0440 0.59 1.00 1.28 336.0 10.0 288.8 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
18 8 23 235 5 -5.8 0.100 -9.000 -9.000 -999. 76. 15.3 0.0320 0.59 1.00 1.60 283.0 10.0 288.8 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
18 8 23 235 6 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0320 0.59 1.00 1.14 286.0 10.0 288.8 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
18 8 23 235 7 -0.5 0.103 -9.000 -9.000 -999. 79. 178.4 0.0380 0.59 0.37 1.48 303.0 10.0 288.8 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
18 8 23 235 8 12.7 0.125 0.556 0.025 486. 106. -13.9 0.0450 0.59 0.23 1.40 224.0 10.0 289.2 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
18 8 23 235 9 24.8 0.148 0.818 0.030 797. 136. -11.7 0.0280 0.59 0.19 1.79 200.0 10.0 289.9 2.0 0
0.00 74. 1013. 10 ADJ-A1 NoSubs
18 8 23 235 10 34.6 0.207 0.943 0.031 875. 225. -23.0 0.0450 0.59 0.18 2.42 214.0 10.0 290.4 2.0 0
0.00 72. 1013. 10 ADJ-A1 NoSubs
18 8 23 235 11 41.7 0.235 1.005 0.031 880. 273. -28.0 0.0360 0.59 0.17 2.92 260.0 10.0 291.4 2.0 0
0.00 67. 1013. 10 ADJ-A1 NoSubs
18 8 23 235 12 188.0 0.360 1.671 0.029 898. 518. -22.4 0.0450 0.59 0.17 4.20 232.0 10.0 293.1 2.0 0
0.00 62. 1012. 3 ADJ-A1 NoSubs
18 8 23 235 13 187.6 0.396 1.674 0.027 905. 597. -29.8 0.0450 0.59 0.17 4.73 236.0 10.0 293.8 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 8 23 235 14 177.1 0.375 1.646 0.026 909. 553. -27.0 0.0360 0.59 0.17 4.66 243.0 10.0 293.8 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 8 23 235 15 153.8 0.401 1.573 0.025 913. 608. -37.7 0.0360 0.59 0.17 5.09 248.0 10.0 293.1 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 8 23 235 16 118.8 0.376 1.445 0.023 916. 554. -40.4 0.0360 0.59 0.18 4.80 254.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 8 23 235 17 73.4 0.352 1.232 0.023 918. 501. -53.3 0.0360 0.59 0.21 4.56 254.0 10.0 290.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 8 23 235 18 21.6 0.282 0.820 0.023 919. 363. -94.0 0.0450 0.59 0.30 3.61 238.0 10.0 289.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
18 8 23 235 19 -14.0 0.164 -9.000 -9.000 -999. 167. 29.5 0.0450 0.59 0.60 2.38 230.0 10.0 288.1 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 8 23 235 20 -13.3 0.152 -9.000 -9.000 -999. 142. 25.4 0.0280 0.59 1.00 2.42 203.0 10.0 287.5 2.0 0

0.00 89. 1011. 0 ADJ-A1 NoSubs
18 8 23 235 21 -6.6 0.108 -9.000 -9.000 -999. 85. 17.0 0.0420 0.59 1.00 1.64 161.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 8 23 235 22 -11.7 0.144 -9.000 -9.000 -999. 131. 22.8 0.0360 0.59 1.00 2.20 102.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 8 23 235 23 -17.3 0.177 -9.000 -9.000 -999. 178. 34.4 0.0360 0.59 1.00 2.67 100.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 8 23 235 24 -8.0 0.118 -9.000 -9.000 -999. 98. 18.5 0.0370 0.59 1.00 1.83 55.0 10.0 287.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 8 24 236 1 -4.1 0.084 -9.000 -9.000 -999. 59. 13.2 0.0370 0.59 1.00 1.31 15.0 10.0 287.5 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 24 236 2 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0370 0.59 1.00 1.45 7.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 24 236 3 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0370 0.59 1.00 1.45 55.0 10.0 288.8 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
18 8 24 236 4 -5.1 0.093 -9.000 -9.000 -999. 68. 14.4 0.0340 0.59 1.00 1.48 70.0 10.0 288.8 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
18 8 24 236 5 -4.9 0.091 -9.000 -9.000 -999. 66. 14.1 0.0340 0.59 1.00 1.45 60.0 10.0 288.8 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
18 8 24 236 6 -4.4 0.088 -9.000 -9.000 -999. 62. 13.7 0.0370 0.59 1.00 1.37 52.0 10.0 288.8 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
18 8 24 236 7 -0.7 0.090 -9.000 -9.000 -999. 65. 93.8 0.0440 0.59 0.37 1.28 357.0 10.0 288.8 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
18 8 24 236 8 12.6 0.121 0.520 0.006 402. 101. -12.7 0.0370 0.59 0.23 1.40 21.0 10.0 289.2 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
18 8 24 236 9 24.8 0.149 0.730 0.022 564. 138. -12.0 0.0390 0.59 0.19 1.69 145.0 10.0 290.4 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
18 8 24 236 10 142.5 0.188 1.486 0.030 830. 195. -4.2 0.0420 0.59 0.18 1.84 177.0 10.0 292.0 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
18 8 24 236 11 170.0 0.278 1.595 0.028 861. 352. -11.4 0.0280 0.59 0.17 3.36 200.0 10.0 293.1 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 8 24 236 12 184.7 0.399 1.656 0.027 887. 605. -30.9 0.0450 0.59 0.17 4.78 220.0 10.0 293.1 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 8 24 236 13 186.9 0.374 1.679 0.025 913. 549. -25.2 0.0450 0.59 0.17 4.41 227.0 10.0 293.8 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
18 8 24 236 14 176.2 0.394 1.660 0.024 936. 593. -31.2 0.0360 0.59 0.17 4.94 252.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 8 24 236 15 152.7 0.436 1.593 0.023 953. 690. -48.7 0.0360 0.59 0.17 5.62 254.0 10.0 292.5 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 8 24 236 16 117.7 0.416 1.465 0.022 962. 645. -55.1 0.0360 0.59 0.18 5.41 257.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 8 24 236 17 72.4 0.385 1.248 0.021 968. 574. -70.9 0.0360 0.59 0.21 5.07 258.0 10.0 290.9 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
18 8 24 236 18 20.3 0.296 0.818 0.021 969. 391. -114.8 0.0360 0.59 0.30 3.98 257.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 8 24 236 19 -15.9 0.186 -9.000 -9.000 -999. 199. 38.0 0.0360 0.59 0.61 2.79 253.0 10.0 287.5 2.0 0
0.00 93. 1008. 5 ADJ-A1 NoSubs
18 8 24 236 20 -10.2 0.134 -9.000 -9.000 -999. 118. 21.1 0.0360 0.59 1.00 2.06 240.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 8 24 236 21 -6.8 0.109 -9.000 -9.000 -999. 86. 16.9 0.0360 0.59 1.00 1.70 252.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 8 24 236 22 -7.1 0.112 -9.000 -9.000 -999. 90. 17.7 0.0450 0.59 1.00 1.68 234.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 8 24 236 23 -5.1 0.093 -9.000 -9.000 -999. 69. 14.5 0.0360 0.59 1.00 1.47 246.0 10.0 287.5 2.0 0

0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 24 236 24 -4.8 0.090 -9.000 -9.000 -999. 65. 13.9 0.0320 0.59 1.00 1.45 291.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 25 237 1 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.59 1.00 1.13 253.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 25 237 2 -5.8 0.100 -9.000 -9.000 -999. 76. 15.5 0.0360 0.59 1.00 1.57 264.0 10.0 287.0 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 25 237 3 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0360 0.59 1.00 1.65 249.0 10.0 287.0 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 25 237 4 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0360 0.59 1.00 1.06 246.0 10.0 287.0 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 25 237 5 -5.6 0.099 -9.000 -9.000 -999. 74. 15.2 0.0360 0.59 1.00 1.55 257.0 10.0 287.0 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 25 237 6 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0320 0.59 1.00 1.20 274.0 10.0 287.0 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 25 237 7 -1.5 0.088 -9.000 -9.000 -999. 63. 41.9 0.0380 0.59 0.37 1.31 323.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 8 25 237 8 12.0 0.102 0.400 0.015 191. 78. -8.0 0.0440 0.59 0.23 1.08 359.0 10.0 287.5 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
18 8 25 237 9 24.1 0.114 0.591 0.025 309. 92. -5.5 0.0390 0.59 0.19 1.18 128.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 25 237 10 33.8 0.145 0.735 0.028 422. 132. -8.0 0.0450 0.59 0.18 1.52 210.0 10.0 288.8 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 8 25 237 11 41.1 0.176 0.839 0.028 517. 178. -12.1 0.0450 0.59 0.17 1.94 236.0 10.0 290.4 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
18 8 25 237 12 44.9 0.286 0.869 0.027 526. 366. -46.7 0.0450 0.59 0.17 3.52 229.0 10.0 290.9 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
18 8 25 237 13 185.8 0.332 1.425 0.025 562. 460. -17.8 0.0450 0.59 0.17 3.80 222.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 8 25 237 14 175.0 0.369 1.423 0.023 594. 538. -25.8 0.0450 0.59 0.17 4.36 238.0 10.0 292.0 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 8 25 237 15 151.4 0.369 1.377 0.021 621. 538. -29.9 0.0450 0.59 0.17 4.41 233.0 10.0 290.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 8 25 237 16 119.8 0.364 1.288 0.020 643. 527. -36.2 0.0360 0.59 0.18 4.61 240.0 10.0 290.4 2.0 0
0.00 75. 1009. 3 ADJ-A1 NoSubs
18 8 25 237 17 72.7 0.332 1.098 0.019 656. 460. -45.3 0.0360 0.59 0.21 4.27 255.0 10.0 288.8 2.0 0
0.00 79. 1009. 5 ADJ-A1 NoSubs
18 8 25 237 18 3.0 0.277 0.380 0.019 656. 351. -634.8 0.0360 0.59 0.31 3.86 242.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 8 25 237 19 -20.6 0.221 -9.000 -9.000 -999. 251. 53.9 0.0360 0.59 0.62 3.30 248.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 8 25 237 20 -12.6 0.149 -9.000 -9.000 -999. 140. 24.5 0.0360 0.59 1.00 2.28 246.0 10.0 287.0 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 8 25 237 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.0 2.0
0 0.00 89. 1010. 10 ADJ-SFC NoSubs
18 8 25 237 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.0 2.0
0 0.00 89. 1010. 10 ADJ-SFC NoSubs
18 8 25 237 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 92. 1010. 10 ADJ-SFC NoSubs
18 8 25 237 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 92. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 92. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 286.4 2.0

0 0.00 92. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 96. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 96. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 96. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 6 -6.2 0.104 -9.000 -9.000 -999. 81. 16.4 0.0450 0.59 1.00 1.57 228.0 10.0 285.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 8 26 238 7 -1.5 0.076 -9.000 -9.000 -999. 50. 26.6 0.0320 0.59 0.37 1.18 297.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 8 26 238 8 11.7 0.125 0.454 0.030 287. 106. -14.9 0.0360 0.59 0.23 1.47 250.0 10.0 287.0 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 8 26 238 9 23.9 0.185 0.624 0.031 365. 190. -23.7 0.0360 0.59 0.19 2.27 251.0 10.0 288.1 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
18 8 26 238 10 34.3 0.211 0.752 0.031 447. 233. -24.8 0.0450 0.59 0.18 2.49 213.0 10.0 290.9 2.0 0
0.00 62. 1012. 10 ADJ-A1 NoSubs
18 8 26 238 11 163.4 0.301 1.387 0.030 589. 397. -15.1 0.0450 0.59 0.17 3.39 227.0 10.0 291.1 2.0 0
0.00 63. 1011. 5 ADJ-A1 NoSubs
18 8 26 238 12 183.1 0.388 1.473 0.027 630. 581. -28.9 0.0450 0.59 0.17 4.63 225.0 10.0 292.0 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 8 26 238 13 185.2 0.398 1.492 0.025 648. 601. -30.6 0.0450 0.59 0.17 4.76 230.0 10.0 292.5 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
18 8 26 238 14 174.3 0.404 1.471 0.023 658. 615. -34.0 0.0450 0.59 0.17 4.87 233.0 10.0 292.0 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 8 26 238 15 150.9 0.405 1.407 0.021 666. 618. -39.6 0.0360 0.59 0.17 5.16 242.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 8 26 238 16 115.6 0.374 1.290 0.020 670. 550. -40.8 0.0360 0.59 0.18 4.78 243.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 8 26 238 17 70.0 0.360 1.093 0.019 672. 519. -60.0 0.0360 0.59 0.21 4.70 245.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 8 26 238 18 20.7 0.288 0.729 0.019 672. 373. -103.3 0.0360 0.59 0.31 3.85 243.0 10.0 288.8 2.0 0
0.00 79. 1009. 7 ADJ-A1 NoSubs
18 8 26 238 19 -7.3 0.114 -9.000 -9.000 -999. 123. 18.2 0.0373 0.59 0.63 1.76 999.0 10.0 288.1 2.0 0
0.00 83. 1009. 10 ADJ-SFC NoSubs
18 8 26 238 20 -13.1 0.151 -9.000 -9.000 -999. 141. 25.2 0.0320 0.59 1.00 2.36 285.0 10.0 287.5 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 1.00 0.00 0.0 10.0 287.5 2.0
0 0.00 86. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 22 -7.3 0.113 -9.000 -9.000 -999. 91. 17.6 0.0360 0.59 1.00 1.76 264.0 10.0 287.5 2.0 0
0.00 86. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 23 -7.8 0.118 -9.000 -9.000 -999. 97. 18.7 0.0450 0.59 1.00 1.76 210.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
18 8 26 238 24 -7.3 0.113 -9.000 -9.000 -999. 91. 17.6 0.0360 0.59 1.00 1.76 254.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
18 8 27 239 1 -7.8 0.118 -9.000 -9.000 -999. 97. 18.7 0.0450 0.59 1.00 1.76 235.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
18 8 27 239 2 -14.5 0.162 -9.000 -9.000 -999. 156. 28.8 0.0450 0.59 1.00 2.36 211.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
18 8 27 239 3 -7.3 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.59 1.00 1.76 262.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-SFC NoSubs
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0 0.00 83. 1009. 10 ADJ-SFC NoSubs
18 8 27 239 5 -13.1 0.151 -9.000 -9.000 -999. 141. 25.2 0.0320 0.59 1.00 2.36 271.0 10.0 287.0 2.0 0

0.00 86. 1009. 10 ADJ-SFC NoSubs
18 8 27 239 6 -13.5 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.59 1.00 2.36 249.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-SFC NoSubs
18 8 27 239 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.59 0.38 0.00 0.0 10.0 287.0 2.0
0 0.00 86. 1009. 10 ADJ-SFC NoSubs
18 8 27 239 8 11.7 -9.000 -9.000 -9.000 452. -999. -99999.0 0.0373 0.59 0.23 0.00 0.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-SFC NoSubs
18 8 27 239 9 23.8 0.215 0.685 0.026 486. 238. -37.4 0.0280 0.59 0.19 2.86 198.0 10.0 288.1 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
18 8 27 239 10 33.7 0.236 0.792 0.026 530. 276. -35.3 0.0450 0.59 0.18 2.86 234.0 10.0 289.2 2.0 0
0.00 80. 1010. 10 ADJ-SFC NoSubs
18 8 27 239 11 40.4 0.273 0.866 0.026 579. 342. -45.4 0.0450 0.59 0.17 3.36 235.0 10.0 289.2 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
18 8 27 239 12 44.3 0.231 0.917 0.026 628. 268. -25.2 0.0360 0.59 0.17 2.86 242.0 10.0 289.9 2.0 0
0.00 80. 1010. 10 ADJ-SFC NoSubs
18 8 27 239 13 44.7 0.265 0.942 0.026 674. 326. -37.3 0.0360 0.59 0.17 3.36 243.0 10.0 289.9 2.0 0
0.00 80. 1009. 10 ADJ-SFC NoSubs
18 8 27 239 14 42.2 0.343 0.943 0.026 715. 481. -85.8 0.0450 0.59 0.17 4.36 225.0 10.0 290.4 2.0 0
0.00 77. 1009. 10 ADJ-SFC NoSubs
18 8 27 239 15 36.3 0.295 0.905 0.026 736. 385. -63.5 0.0360 0.59 0.17 3.86 246.0 10.0 290.4 2.0 0
0.00 77. 1008. 10 ADJ-SFC NoSubs
18 8 27 239 16 27.3 0.301 0.827 0.026 744. 395. -89.3 0.0360 0.59 0.18 4.00 258.0 10.0 289.9 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
18 8 27 239 17 16.0 0.274 0.694 0.026 750. 344. -115.2 0.0360 0.59 0.21 3.68 241.0 10.0 289.9 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
18 8 27 239 18 2.8 0.251 0.387 0.026 750. 302. -512.7 0.0360 0.59 0.32 3.49 249.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 8 27 239 19 -13.1 0.154 -9.000 -9.000 -999. 150. 26.2 0.0360 0.59 0.65 2.35 263.0 10.0 288.8 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
18 8 27 239 20 -8.0 0.118 -9.000 -9.000 -999. 98. 18.5 0.0360 0.59 1.00 1.84 256.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 8 27 239 21 -8.7 0.123 -9.000 -9.000 -999. 104. 19.3 0.0360 0.59 1.00 1.91 245.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 8 27 239 22 -14.0 0.159 -9.000 -9.000 -999. 153. 28.0 0.0450 0.59 1.00 2.33 228.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 8 27 239 23 -15.1 0.164 -9.000 -9.000 -999. 159. 29.6 0.0360 0.59 1.00 2.49 241.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 8 27 239 24 -16.8 0.175 -9.000 -9.000 -999. 176. 33.7 0.0450 0.59 1.00 2.54 218.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 28 240 1 -16.5 0.170 -9.000 -9.000 -999. 168. 31.8 0.0280 0.59 1.00 2.69 199.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 28 240 2 -15.9 0.167 -9.000 -9.000 -999. 163. 30.6 0.0280 0.59 1.00 2.64 194.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 28 240 3 -17.7 0.181 -9.000 -9.000 -999. 185. 36.0 0.0390 0.59 1.00 2.69 145.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 28 240 4 -4.6 0.089 -9.000 -9.000 -999. 68. 13.8 0.0360 0.59 1.00 1.40 107.0 10.0 287.5 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 8 28 240 5 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0370 0.59 1.00 1.42 26.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
18 8 28 240 6 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0440 0.59 1.00 1.09 360.0 10.0 287.5 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 8 28 240 7 -1.9 0.087 -9.000 -9.000 -999. 62. 32.4 0.0370 0.59 0.38 1.31 25.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
18 8 28 240 8 11.8 0.114 0.480 0.005 335. 93. -11.4 0.0440 0.59 0.23 1.26 345.0 10.0 288.8 2.0 0

0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 28 240 9 23.9 0.145 0.640 0.007 394. 133. -11.5 0.0380 0.59 0.19 1.65 307.0 10.0 289.2 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
18 8 28 240 10 34.0 0.155 0.760 0.007 465. 147. -9.9 0.0440 0.59 0.18 1.68 332.0 10.0 290.9 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
18 8 28 240 11 41.0 0.228 0.849 0.007 538. 261. -25.9 0.0280 0.59 0.17 2.96 195.0 10.0 291.4 2.0 0
0.00 67. 1011. 10 ADJ-A1 NoSubs
18 8 28 240 12 45.2 0.291 0.914 0.012 610. 377. -49.3 0.0360 0.59 0.17 3.76 247.0 10.0 293.1 2.0 0
0.00 62. 1010. 10 ADJ-A1 NoSubs
18 8 28 240 13 45.8 0.383 0.950 0.013 675. 569. -110.5 0.0360 0.59 0.17 5.14 248.0 10.0 293.8 2.0 0
0.00 60. 1010. 10 ADJ-A1 NoSubs
18 8 28 240 14 173.3 0.416 1.593 0.016 842. 645. -37.5 0.0360 0.59 0.17 5.29 263.0 10.0 293.8 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 8 28 240 15 149.7 0.422 1.537 0.015 875. 659. -45.3 0.0360 0.59 0.17 5.43 261.0 10.0 293.8 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 8 28 240 16 114.1 0.399 1.441 0.017 945. 606. -50.2 0.0360 0.59 0.18 5.16 255.0 10.0 293.1 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 8 28 240 17 68.3 0.366 1.243 0.017 1013. 533. -64.7 0.0360 0.59 0.22 4.80 263.0 10.0 292.0 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 8 28 240 18 16.1 0.313 0.772 0.017 1025. 422. -170.9 0.0360 0.59 0.32 4.26 260.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 8 28 240 19 -17.6 0.185 -9.000 -9.000 -999. 201. 37.8 0.0360 0.59 0.66 2.79 261.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 8 28 240 20 -5.3 0.095 -9.000 -9.000 -999. 75. 14.8 0.0360 0.59 1.00 1.50 258.0 10.0 288.8 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 8 28 240 21 -3.9 0.083 -9.000 -9.000 -999. 58. 13.3 0.0440 0.59 1.00 1.25 336.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 8 28 240 22 -6.7 0.109 -9.000 -9.000 -999. 86. 17.1 0.0440 0.59 1.00 1.64 331.0 10.0 286.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 8 28 240 23 -10.1 0.134 -9.000 -9.000 -999. 117. 21.4 0.0440 0.59 1.00 1.99 333.0 10.0 286.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 8 28 240 24 -10.7 0.138 -9.000 -9.000 -999. 123. 22.1 0.0440 0.59 1.00 2.05 337.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 8 29 241 1 -9.0 0.126 -9.000 -9.000 -999. 107. 19.8 0.0380 0.59 1.00 1.93 328.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 29 241 2 -7.4 0.114 -9.000 -9.000 -999. 93. 18.0 0.0440 0.59 1.00 1.72 335.0 10.0 285.9 2.0 0
0.00 89. 1010. 7 ADJ-A1 NoSubs
18 8 29 241 3 -7.9 0.118 -9.000 -9.000 -999. 97. 18.6 0.0440 0.59 1.00 1.77 333.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 8 29 241 4 -6.7 0.109 -9.000 -9.000 -999. 86. 17.1 0.0440 0.59 1.00 1.64 349.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 29 241 5 -2.6 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.59 1.00 1.01 319.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 8 29 241 6 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0440 0.59 1.00 1.26 333.0 10.0 286.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 8 29 241 7 7.3 0.118 0.235 0.005 64. 98. -20.5 0.0440 0.59 0.38 1.38 353.0 10.0 288.1 2.0 0
0.00 83. 1011. 7 ADJ-A1 NoSubs
18 8 29 241 8 57.3 0.119 0.915 0.010 483. 99. -2.7 0.0360 0.59 0.23 1.14 105.0 10.0 290.4 2.0 0
0.00 77. 1011. 3 ADJ-A1 NoSubs
18 8 29 241 9 24.6 0.172 0.731 0.015 572. 172. -18.7 0.0420 0.59 0.19 2.01 153.0 10.0 292.0 2.0 0
0.00 67. 1011. 10 ADJ-A1 NoSubs
18 8 29 241 10 137.9 0.287 1.486 0.023 860. 370. -15.5 0.0280 0.59 0.18 3.58 189.0 10.0 294.9 2.0 0
0.00 56. 1011. 5 ADJ-A1 NoSubs
18 8 29 241 11 167.7 0.351 1.620 0.025 915. 499. -23.3 0.0360 0.59 0.17 4.31 250.0 10.0 294.9 2.0 0

0.00 46. 1011. 0 ADJ-A1 NoSubs
18 8 29 241 12 182.2 0.455 1.681 0.024 941. 735. -46.5 0.0450 0.59 0.17 5.60 229.0 10.0 294.9 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
18 8 29 241 13 184.1 0.440 1.696 0.022 957. 701. -41.7 0.0360 0.59 0.17 5.63 260.0 10.0 295.4 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
18 8 29 241 14 173.3 0.458 1.671 0.021 971. 744. -50.0 0.0360 0.59 0.17 5.92 252.0 10.0 295.9 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
18 8 29 241 15 149.2 0.491 1.596 0.020 983. 825. -71.3 0.0450 0.59 0.17 6.19 235.0 10.0 294.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 8 29 241 16 113.3 0.452 1.461 0.019 992. 731. -73.3 0.0360 0.59 0.18 5.96 249.0 10.0 293.8 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 8 29 241 17 67.0 0.367 1.228 0.019 996. 539. -66.5 0.0360 0.59 0.22 4.82 248.0 10.0 291.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
18 8 29 241 18 19.8 0.315 0.819 0.019 998. 427. -142.4 0.0360 0.59 0.32 4.27 260.0 10.0 290.4 2.0 0
0.00 86. 1010. 3 ADJ-A1 NoSubs
18 8 29 241 19 -29.3 0.311 -9.000 -9.000 -999. 417. 106.6 0.0360 0.59 0.67 4.58 254.0 10.0 289.9 2.0 0
0.00 89. 1010. 3 ADJ-A1 NoSubs
18 8 29 241 20 -21.7 0.222 -9.000 -9.000 -999. 255. 54.4 0.0360 0.59 1.00 3.32 261.0 10.0 289.2 2.0 0
0.00 93. 1010. 5 ADJ-A1 NoSubs
18 8 29 241 21 -17.3 0.177 -9.000 -9.000 -999. 179. 34.4 0.0360 0.59 1.00 2.67 261.0 10.0 289.2 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
18 8 29 241 22 -15.5 0.166 -9.000 -9.000 -999. 163. 30.4 0.0360 0.59 1.00 2.52 264.0 10.0 289.2 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 8 29 241 23 -4.3 0.086 -9.000 -9.000 -999. 63. 13.4 0.0360 0.59 1.00 1.35 252.0 10.0 289.2 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 8 29 241 24 -3.2 0.075 -9.000 -9.000 -999. 49. 12.1 0.0380 0.59 1.00 1.13 314.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 8 30 242 1 -2.5 0.070 -9.000 -9.000 -999. 44. 12.1 0.0440 0.59 1.00 0.96 356.0 10.0 289.2 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 8 30 242 2 -4.3 0.087 -9.000 -9.000 -999. 61. 13.5 0.0370 0.59 1.00 1.35 7.0 10.0 289.2 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 8 30 242 3 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.59 1.00 1.14 328.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 8 30 242 4 -5.0 0.094 -9.000 -9.000 -999. 69. 14.8 0.0440 0.59 1.00 1.42 343.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 8 30 242 5 -4.2 0.086 -9.000 -9.000 -999. 61. 13.7 0.0440 0.59 1.00 1.30 335.0 10.0 288.8 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 8 30 242 6 -3.6 0.081 -9.000 -9.000 -999. 55. 12.9 0.0440 0.59 1.00 1.20 349.0 10.0 289.2 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
18 8 30 242 7 -1.0 0.065 -9.000 -9.000 -999. 40. 25.4 0.0440 0.59 0.39 0.96 336.0 10.0 289.9 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
18 8 30 242 8 12.2 0.128 0.533 0.005 448. 110. -15.6 0.0280 0.59 0.24 1.60 207.0 10.0 290.9 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
18 8 30 242 9 24.5 0.178 0.703 0.005 512. 180. -20.6 0.0450 0.59 0.19 2.06 232.0 10.0 292.1 2.0 0
0.00 67. 1012. 10 ADJ-A1 NoSubs
18 8 30 242 10 34.3 0.232 0.824 0.005 590. 268. -32.8 0.0450 0.59 0.18 2.79 232.0 10.0 292.5 2.0 0
0.00 62. 1013. 10 ADJ-A1 NoSubs
18 8 30 242 11 41.2 0.291 0.915 0.005 672. 376. -53.8 0.0450 0.59 0.17 3.61 231.0 10.0 293.1 2.0 0
0.00 62. 1013. 10 ADJ-A1 NoSubs
18 8 30 242 12 184.3 0.355 1.663 0.005 903. 508. -22.0 0.0360 0.59 0.17 4.34 247.0 10.0 294.9 2.0 0
0.00 58. 1013. 3 ADJ-A1 NoSubs
18 8 30 242 13 185.9 0.392 1.760 0.005 1060. 590. -29.3 0.0360 0.59 0.17 4.90 256.0 10.0 294.9 2.0 0
0.00 56. 1012. 3 ADJ-A1 NoSubs
18 8 30 242 14 171.8 0.408 1.780 0.007 1185. 626. -35.7 0.0360 0.59 0.17 5.17 248.0 10.0 294.2 2.0 0

0.00 58. 1012. 0 ADJ-A1 NoSubs
18 8 30 242 15 148.0 0.381 1.740 0.007 1285. 564. -33.6 0.0360 0.59 0.18 4.80 247.0 10.0 294.2 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
18 8 30 242 16 112.1 0.415 1.658 0.010 1470. 642. -57.6 0.0360 0.59 0.19 5.41 257.0 10.0 293.1 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
18 8 30 242 17 66.2 0.347 1.399 0.010 1491. 493. -56.6 0.0360 0.59 0.22 4.51 250.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 8 30 242 18 14.0 0.208 0.834 0.010 1494. 240. -57.7 0.0450 0.59 0.33 2.59 222.0 10.0 290.9 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
18 8 30 242 19 -14.8 0.164 -9.000 -9.000 -999. 160. 29.5 0.0390 0.59 0.69 2.45 127.0 10.0 289.2 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 8 30 242 20 -17.6 0.179 -9.000 -9.000 -999. 181. 35.2 0.0390 0.59 1.00 2.66 122.0 10.0 288.1 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 8 30 242 21 -7.5 0.113 -9.000 -9.000 -999. 93. 17.6 0.0340 0.59 1.00 1.79 66.0 10.0 287.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 8 30 242 22 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.59 1.00 1.11 56.0 10.0 287.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 8 30 242 23 -5.9 0.101 -9.000 -9.000 -999. 77. 15.9 0.0440 0.59 1.00 1.53 340.0 10.0 286.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 8 30 242 24 -7.0 0.111 -9.000 -9.000 -999. 88. 17.4 0.0440 0.59 1.00 1.67 335.0 10.0 285.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 8 31 243 1 -13.9 0.157 -9.000 -9.000 -999. 149. 27.2 0.0380 0.59 1.00 2.37 326.0 10.0 285.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 8 31 243 2 -10.7 0.137 -9.000 -9.000 -999. 122. 22.0 0.0440 0.59 1.00 2.04 333.0 10.0 284.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 8 31 243 3 -8.1 0.119 -9.000 -9.000 -999. 99. 18.8 0.0440 0.59 1.00 1.79 350.0 10.0 284.2 2.0 0
0.00 92. 1012. 5 ADJ-A1 NoSubs
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0.00 92. 1011. 10 ADJ-A1 NoSubs
18 8 31 243 5 -6.4 0.106 -9.000 -9.000 -999. 83. 16.6 0.0440 0.59 1.00 1.60 341.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
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0.00 92. 1012. 0 ADJ-A1 NoSubs
18 8 31 243 7 -2.7 0.095 -9.000 -9.000 -999. 70. 28.4 0.0440 0.59 0.39 1.38 341.0 10.0 287.0 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 8 31 243 8 11.4 0.096 0.448 0.011 286. 71. -7.0 0.0380 0.59 0.24 1.03 328.0 10.0 288.8 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
18 8 31 243 9 84.4 0.153 1.023 0.017 459. 143. -3.8 0.0450 0.59 0.19 1.45 227.0 10.0 290.9 2.0 0
0.00 72. 1012. 7 ADJ-A1 NoSubs
18 8 31 243 10 141.7 0.159 1.332 0.021 602. 152. -2.6 0.0280 0.59 0.18 1.60 200.0 10.0 292.0 2.0 0
0.00 67. 1012. 3 ADJ-A1 NoSubs
18 8 31 243 11 166.2 0.291 1.448 0.022 660. 376. -13.3 0.0450 0.59 0.17 3.23 230.0 10.0 294.2 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 8 31 243 12 181.2 0.334 1.524 0.023 705. 463. -18.5 0.0450 0.59 0.17 3.83 234.0 10.0 295.9 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
18 8 31 243 13 182.2 0.360 1.584 0.022 787. 519. -23.1 0.0360 0.59 0.17 4.42 252.0 10.0 294.2 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
18 8 31 243 14 171.9 0.352 1.590 0.020 843. 502. -22.9 0.0450 0.59 0.17 4.12 237.0 10.0 296.4 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
18 8 31 243 15 147.3 0.330 1.526 0.019 868. 456. -22.0 0.0450 0.59 0.18 3.85 218.0 10.0 294.8 2.0
9999 -9.00 999. 1007. 0 ADJ-A1 Sub_CC-TT
18 8 31 243 16 111.0 0.336 1.398 0.018 885. 468. -30.8 0.0390 0.59 0.19 4.15 137.0 10.0 293.1 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 8 31 243 17 65.3 0.336 1.175 0.017 895. 468. -52.4 0.0390 0.59 0.22 4.29 143.0 10.0 293.1 2.0 0

0.00 67. 1008. 0 ADJ-A1 NoSubs
18 8 31 243 18 13.2 0.232 0.690 0.017 896. 273. -84.8 0.0390 0.59 0.33 3.03 127.0 10.0 292.0 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
18 8 31 243 19 -19.6 0.204 -9.000 -9.000 -999. 221. 45.7 0.0390 0.59 0.70 3.01 138.0 10.0 289.9 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
18 8 31 243 20 -17.4 0.178 -9.000 -9.000 -999. 181. 34.9 0.0360 0.59 1.00 2.69 102.0 10.0 288.8 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 8 31 243 21 -18.6 0.190 -9.000 -9.000 -999. 198. 39.5 0.0340 0.59 1.00 2.88 88.0 10.0 288.1 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 8 31 243 22 -10.7 0.137 -9.000 -9.000 -999. 122. 21.7 0.0370 0.59 1.00 2.10 58.0 10.0 287.5 2.0 0
0.00 89. 1008. 3 ADJ-A1 NoSubs
18 8 31 243 23 -9.0 0.126 -9.000 -9.000 -999. 107. 19.8 0.0370 0.59 1.00 1.94 48.0 10.0 287.0 2.0 0
0.00 92. 1008. 5 ADJ-A1 NoSubs
18 8 31 243 24 -8.2 0.119 -9.000 -9.000 -999. 99. 18.5 0.0340 0.59 1.00 1.87 70.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 9 1 244 1 -7.4 0.112 -9.000 -9.000 -999. 90. 17.2 0.0290 0.83 1.00 1.82 70.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 9 1 244 2 -19.1 0.194 -9.000 -9.000 -999. 205. 41.4 0.0300 0.83 1.00 3.01 92.0 10.0 287.0 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 1 244 3 -14.6 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.83 1.00 2.47 136.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 9 1 244 4 -6.7 0.107 -9.000 -9.000 -999. 84. 16.3 0.0290 0.83 1.00 1.74 78.0 10.0 287.5 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
18 9 1 244 5 -6.2 0.103 -9.000 -9.000 -999. 80. 15.9 0.0330 0.83 1.00 1.65 53.0 10.0 287.0 2.0 0
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18 9 1 244 6 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0290 0.83 1.00 1.52 77.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 9 1 244 7 -2.0 0.079 -9.000 -9.000 -999. 53. 21.9 0.0300 0.83 0.39 1.25 98.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 9 1 244 8 13.3 0.114 0.474 0.029 288. 93. -10.1 0.0300 0.83 0.24 1.35 104.0 10.0 287.5 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 9 1 244 9 28.1 0.146 0.672 0.035 388. 133. -9.9 0.0340 0.83 0.19 1.67 134.0 10.0 288.1 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
18 9 1 244 10 40.4 0.153 0.808 0.035 469. 143. -7.9 0.0340 0.83 0.18 1.71 136.0 10.0 289.9 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
18 9 1 244 11 201.4 0.223 1.441 0.033 534. 252. -4.9 0.0370 0.83 0.17 2.30 166.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 9 1 244 12 219.1 0.329 1.516 0.030 573. 453. -14.6 0.0380 0.83 0.17 3.83 224.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
18 9 1 244 13 221.0 0.353 1.539 0.027 593. 504. -17.9 0.0380 0.83 0.17 4.19 212.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
18 9 1 244 14 207.5 0.294 1.522 0.024 611. 385. -11.0 0.0230 0.83 0.17 3.69 199.0 10.0 293.1 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
18 9 1 244 15 177.9 0.289 1.458 0.022 626. 373. -12.2 0.0230 0.83 0.18 3.66 197.0 10.0 292.5 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
18 9 1 244 16 134.1 0.292 1.336 0.020 637. 379. -16.7 0.0230 0.83 0.19 3.81 199.0 10.0 292.5 2.0 0
0.00 65. 1005. 0 ADJ-A1 NoSubs
18 9 1 244 17 77.6 0.271 1.117 0.019 643. 339. -23.1 0.0230 0.83 0.22 3.63 186.0 10.0 291.4 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
18 9 1 244 18 13.4 0.292 0.622 0.019 644. 378. -166.1 0.0370 0.83 0.34 3.95 155.0 10.0 288.8 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
18 9 1 244 19 -25.6 0.262 -9.000 -9.000 -999. 323. 75.8 0.0340 0.83 0.72 3.93 145.0 10.0 287.0 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 9 1 244 20 -18.9 0.193 -9.000 -9.000 -999. 205. 41.0 0.0340 0.83 1.00 2.93 136.0 10.0 287.0 2.0 0

0.00 92. 1006. 10 ADJ-A1 NoSubs
18 9 1 244 21 -11.2 0.141 -9.000 -9.000 -999. 127. 22.2 0.0340 0.83 1.00 2.18 120.0 10.0 287.0 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 9 1 244 22 -5.6 0.098 -9.000 -9.000 -999. 74. 14.9 0.0290 0.83 1.00 1.60 71.0 10.0 287.0 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
18 9 1 244 23 -4.2 0.085 -9.000 -9.000 -999. 59. 12.9 0.0290 0.83 1.00 1.38 61.0 10.0 286.4 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 9 1 244 24 -2.3 0.066 -9.000 -9.000 -999. 41. 11.4 0.0300 0.83 1.00 0.96 118.0 10.0 286.4 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 9 2 245 1 -2.8 0.071 -9.000 -9.000 -999. 45. 11.4 0.0300 0.83 1.00 1.08 93.0 10.0 286.4 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 9 2 245 2 -2.5 0.068 -9.000 -9.000 -999. 43. 11.4 0.0310 0.83 1.00 1.01 9.0 10.0 285.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
18 9 2 245 3 -2.6 0.069 -9.000 -9.000 -999. 43. 11.3 0.0290 0.83 1.00 1.04 83.0 10.0 286.4 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
18 9 2 245 4 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0290 0.83 1.00 1.26 75.0 10.0 285.9 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
18 9 2 245 5 -2.1 0.065 -9.000 -9.000 -999. 39. 11.6 0.0310 0.83 1.00 0.89 2.0 10.0 285.9 2.0 0
0.00 100. 1005. 10 ADJ-A1 NoSubs
18 9 2 245 6 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.83 1.00 1.20 355.0 10.0 285.9 2.0 0
0.00 100. 1005. 10 ADJ-A1 NoSubs
18 9 2 245 7 -2.7 0.088 -9.000 -9.000 -999. 63. 23.0 0.0330 0.83 0.40 1.37 35.0 10.0 285.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 8 12.8 0.115 0.477 0.039 304. 93. -10.6 0.0330 0.83 0.24 1.33 58.0 10.0 286.4 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
18 9 2 245 9 27.6 0.105 0.674 0.039 397. 81. -3.7 0.0260 0.83 0.19 1.13 293.0 10.0 287.0 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 10 39.9 0.122 0.774 0.038 418. 102. -4.1 0.0230 0.83 0.18 1.37 206.0 10.0 288.8 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 11 48.5 0.235 0.840 0.037 439. 273. -24.0 0.0380 0.83 0.17 2.86 210.0 10.0 289.9 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 12 53.3 0.328 0.873 0.036 448. 451. -59.6 0.0380 0.83 0.17 4.24 217.0 10.0 290.9 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 13 53.5 0.348 0.879 0.027 456. 492. -70.5 0.0380 0.83 0.17 4.53 221.0 10.0 290.4 2.0 0
0.00 75. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 14 199.4 0.359 1.384 0.019 478. 517. -20.9 0.0380 0.83 0.17 4.32 220.0 10.0 290.4 2.0 0
0.00 75. 1006. 5 ADJ-A1 NoSubs
18 9 2 245 15 172.3 0.325 1.327 0.029 487. 445. -17.8 0.0380 0.83 0.18 3.85 220.0 10.0 290.9 2.0 0
0.00 72. 1006. 5 ADJ-A1 NoSubs
18 9 2 245 16 31.3 0.336 0.752 0.029 488. 467. -108.7 0.0380 0.83 0.19 4.46 227.0 10.0 289.2 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 17 16.6 0.298 0.610 0.028 489. 392. -143.0 0.0290 0.83 0.22 4.20 243.0 10.0 287.5 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 18 0.8 0.251 0.226 0.028 489. 303. -1688.8 0.0380 0.83 0.34 3.49 239.0 10.0 287.5 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 19 -13.3 0.153 -9.000 -9.000 -999. 148. 25.7 0.0290 0.83 0.73 2.42 252.0 10.0 287.0 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 9 2 245 20 -8.6 0.122 -9.000 -9.000 -999. 102. 18.7 0.0290 0.83 1.00 1.96 262.0 10.0 287.0 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 9 2 245 21 -10.0 0.133 -9.000 -9.000 -999. 116. 21.0 0.0380 0.83 1.00 2.03 236.0 10.0 287.0 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 9 2 245 22 -3.7 0.080 -9.000 -9.000 -999. 55. 12.7 0.0380 0.83 1.00 1.23 233.0 10.0 287.0 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 9 2 245 23 -4.4 0.087 -9.000 -9.000 -999. 62. 13.6 0.0380 0.83 1.00 1.35 215.0 10.0 287.0 2.0 0

0.00 89. 1007. 10 ADJ-A1 NoSubs
18 9 2 245 24 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0290 0.83 1.00 1.62 255.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 3 246 1 -2.3 0.066 -9.000 -9.000 -999. 40. 11.1 0.0260 0.83 1.00 0.97 280.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 3 246 2 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.83 1.00 1.35 301.0 10.0 287.0 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 9 3 246 3 -2.9 0.072 -9.000 -9.000 -999. 47. 11.6 0.0310 0.83 1.00 1.11 12.0 10.0 287.0 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 9 3 246 4 -4.3 0.086 -9.000 -9.000 -999. 61. 13.4 0.0340 0.83 1.00 1.37 144.0 10.0 287.0 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 9 3 246 5 -10.7 0.137 -9.000 -9.000 -999. 122. 21.7 0.0370 0.83 1.00 2.10 177.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 3 246 6 -11.0 0.137 -9.000 -9.000 -999. 121. 20.9 0.0230 0.83 1.00 2.27 185.0 10.0 285.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 3 246 7 -2.4 0.082 -9.000 -9.000 -999. 57. 20.6 0.0230 0.83 0.40 1.37 180.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 3 246 8 12.6 0.111 0.548 0.041 471. 89. -9.8 0.0230 0.83 0.24 1.38 199.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 3 246 9 27.4 0.130 0.717 0.041 484. 112. -7.2 0.0380 0.83 0.19 1.40 212.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 9 3 246 10 39.5 0.130 0.820 0.041 502. 112. -5.0 0.0380 0.83 0.18 1.33 227.0 10.0 288.1 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
18 9 3 246 11 48.3 0.193 0.894 0.040 532. 204. -13.4 0.0380 0.83 0.17 2.23 234.0 10.0 289.9 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
18 9 3 246 12 217.4 0.332 1.519 0.037 580. 460. -15.2 0.0380 0.83 0.17 3.88 227.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
18 9 3 246 13 219.6 0.358 1.545 0.034 604. 514. -18.8 0.0290 0.83 0.17 4.51 241.0 10.0 293.8 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
18 9 3 246 14 205.1 0.365 1.517 0.032 612. 530. -21.4 0.0290 0.83 0.17 4.65 254.0 10.0 292.5 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
18 9 3 246 15 175.3 0.347 1.446 0.029 620. 492. -21.4 0.0290 0.83 0.18 4.42 251.0 10.0 292.0 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
18 9 3 246 16 130.8 0.335 1.316 0.028 625. 465. -25.7 0.0290 0.83 0.19 4.32 251.0 10.0 290.9 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
18 9 3 246 17 74.0 0.337 1.090 0.027 628. 469. -46.2 0.0290 0.83 0.22 4.51 249.0 10.0 289.9 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
18 9 3 246 18 16.3 0.257 0.659 0.027 628. 315. -93.0 0.0290 0.83 0.35 3.56 244.0 10.0 288.1 2.0 0
0.00 86. 1006. 3 ADJ-A1 NoSubs
18 9 3 246 19 -15.1 0.163 -9.000 -9.000 -999. 162. 29.2 0.0290 0.83 0.75 2.57 252.0 10.0 287.0 2.0 0
0.00 92. 1006. 7 ADJ-A1 NoSubs
18 9 3 246 20 -4.8 0.091 -9.000 -9.000 -999. 67. 13.8 0.0290 0.83 1.00 1.48 253.0 10.0 287.0 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
18 9 3 246 21 -7.7 0.115 -9.000 -9.000 -999. 93. 17.6 0.0290 0.83 1.00 1.86 247.0 10.0 287.5 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 9 3 246 22 -6.4 0.104 -9.000 -9.000 -999. 80. 15.7 0.0260 0.83 1.00 1.72 272.0 10.0 287.5 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
18 9 3 246 23 -5.8 0.099 -9.000 -9.000 -999. 75. 15.0 0.0260 0.83 1.00 1.65 282.0 10.0 287.0 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
18 9 3 246 24 -6.0 0.101 -9.000 -9.000 -999. 77. 15.4 0.0290 0.83 1.00 1.65 261.0 10.0 287.0 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 1 -5.5 0.098 -9.000 -9.000 -999. 73. 15.2 0.0380 0.83 1.00 1.52 239.0 10.0 287.0 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 2 -3.7 0.079 -9.000 -9.000 -999. 54. 12.2 0.0290 0.83 1.00 1.28 265.0 10.0 287.0 2.0 0

0.00 92. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 3 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0290 0.83 1.00 1.54 259.0 10.0 286.4 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 4 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0380 0.83 1.00 1.43 216.0 10.0 286.4 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 5 -4.3 0.086 -9.000 -9.000 -999. 60. 13.1 0.0290 0.83 1.00 1.40 254.0 10.0 286.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 4 247 6 -4.5 0.087 -9.000 -9.000 -999. 62. 13.1 0.0260 0.83 1.00 1.45 283.0 10.0 286.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 4 247 7 -1.4 0.062 -9.000 -9.000 -999. 37. 15.6 0.0370 0.83 0.40 0.97 173.0 10.0 287.0 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 4 247 8 12.5 0.100 0.477 0.039 310. 76. -7.2 0.0380 0.83 0.24 1.08 348.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 4 247 9 27.5 0.103 0.705 0.040 458. 79. -3.6 0.0310 0.83 0.19 1.06 19.0 10.0 288.1 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
18 9 4 247 10 39.8 0.146 0.820 0.040 496. 134. -7.1 0.0260 0.83 0.18 1.71 289.0 10.0 289.9 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
18 9 4 247 11 199.1 0.221 1.452 0.037 553. 250. -4.9 0.0370 0.83 0.17 2.28 175.0 10.0 292.5 2.0 0
0.00 70. 1007. 0 ADJ-A1 NoSubs
18 9 4 247 12 217.0 0.340 1.518 0.034 579. 476. -16.3 0.0230 0.83 0.17 4.42 207.0 10.0 293.8 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
18 9 4 247 13 218.3 0.374 1.534 0.031 594. 549. -21.5 0.0290 0.83 0.17 4.76 250.0 10.0 293.1 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
18 9 4 247 14 203.8 0.382 1.507 0.028 604. 568. -24.6 0.0290 0.83 0.17 4.92 254.0 10.0 292.0 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
18 9 4 247 15 42.0 0.345 0.892 0.028 606. 488. -87.9 0.0290 0.83 0.18 4.78 255.0 10.0 290.4 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 16 30.8 0.339 0.805 0.027 607. 473. -113.0 0.0290 0.83 0.19 4.73 244.0 10.0 289.9 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 17 16.3 0.287 0.651 0.027 608. 370. -130.2 0.0290 0.83 0.23 4.03 258.0 10.0 288.8 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 18 0.3 0.208 0.172 0.027 608. 230. -2668.1 0.0290 0.83 0.35 3.03 254.0 10.0 288.1 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 19 -13.6 0.154 -9.000 -9.000 -999. 146. 26.2 0.0290 0.83 1.00 2.44 258.0 10.0 288.1 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 20 -10.5 0.135 -9.000 -9.000 -999. 119. 21.0 0.0290 0.83 1.00 2.16 260.0 10.0 287.5 2.0 0
0.00 93. 1006. 10 ADJ-A1 NoSubs
18 9 4 247 21 -9.1 0.125 -9.000 -9.000 -999. 106. 19.3 0.0290 0.83 1.00 2.01 241.0 10.0 287.5 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
18 9 4 247 22 -8.6 0.121 -9.000 -9.000 -999. 101. 18.5 0.0260 0.83 1.00 1.99 278.0 10.0 287.0 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 4 247 23 -7.7 0.116 -9.000 -9.000 -999. 95. 18.2 0.0380 0.83 1.00 1.79 221.0 10.0 287.0 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 4 247 24 -6.2 0.102 -9.000 -9.000 -999. 79. 15.6 0.0290 0.83 1.00 1.67 241.0 10.0 287.0 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 5 248 1 -7.5 0.115 -9.000 -9.000 -999. 93. 17.9 0.0380 0.83 1.00 1.77 226.0 10.0 287.0 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 5 248 2 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0290 0.83 1.00 1.26 267.0 10.0 287.0 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 5 248 3 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.83 1.00 1.25 306.0 10.0 287.0 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 5 248 4 -5.0 0.093 -9.000 -9.000 -999. 68. 14.5 0.0380 0.83 1.00 1.45 215.0 10.0 287.0 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 9 5 248 5 -2.9 0.071 -9.000 -9.000 -999. 46. 11.4 0.0290 0.83 1.00 1.11 265.0 10.0 287.0 2.0 0

0.00 89. 1008. 10 ADJ-A1 NoSubs
18 9 5 248 6 -7.9 0.117 -9.000 -9.000 -999. 96. 18.4 0.0380 0.83 1.00 1.81 221.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 9 5 248 7 -5.1 0.131 -9.000 -9.000 -999. 113. 39.3 0.0380 0.83 0.41 1.94 228.0 10.0 287.0 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 9 5 248 8 12.3 0.121 0.417 0.034 211. 101. -12.9 0.0290 0.83 0.24 1.47 264.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 9 5 248 9 27.1 0.140 0.642 0.037 350. 125. -9.0 0.0290 0.83 0.19 1.64 251.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 9 5 248 10 39.3 0.194 0.790 0.038 453. 205. -16.8 0.0290 0.83 0.18 2.42 244.0 10.0 288.8 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 9 5 248 11 47.6 0.241 0.852 0.038 468. 284. -26.5 0.0290 0.83 0.17 3.12 263.0 10.0 289.2 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
18 9 5 248 12 52.2 0.272 0.884 0.037 477. 341. -34.9 0.0290 0.83 0.17 3.59 251.0 10.0 289.9 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
18 9 5 248 13 210.2 0.333 1.436 0.034 509. 460. -15.8 0.0290 0.83 0.17 4.12 240.0 10.0 292.0 2.0 0
0.00 67. 1011. 5 ADJ-A1 NoSubs
18 9 5 248 14 202.4 0.408 1.436 0.014 528. 625. -30.2 0.0380 0.83 0.17 5.05 236.0 10.0 291.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 9 5 248 15 172.6 0.395 1.371 0.017 539. 597. -32.3 0.0380 0.83 0.18 4.92 231.0 10.0 291.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
18 9 5 248 16 30.2 0.356 0.768 0.029 540. 511. -134.2 0.0380 0.83 0.19 4.76 234.0 10.0 289.2 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
18 9 5 248 17 63.1 0.321 0.984 0.028 544. 438. -47.3 0.0290 0.83 0.23 4.31 242.0 10.0 288.8 2.0 0
0.00 79. 1010. 7 ADJ-A1 NoSubs
18 9 5 248 18 13.7 0.249 0.592 0.028 545. 301. -101.6 0.0290 0.83 0.36 3.47 248.0 10.0 287.5 2.0 0
0.00 86. 1010. 7 ADJ-A1 NoSubs
18 9 5 248 19 -18.6 0.190 -9.000 -9.000 -999. 199. 39.5 0.0290 0.83 1.00 2.96 250.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 9 5 248 20 -6.0 0.102 -9.000 -9.000 -999. 81. 15.9 0.0380 0.83 1.00 1.59 236.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 9 5 248 21 -6.0 0.100 -9.000 -9.000 -999. 75. 14.9 0.0230 0.83 1.00 1.69 197.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 9 5 248 22 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 205.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 9 5 248 23 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.97 211.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 9 5 248 24 -3.1 0.073 -9.000 -9.000 -999. 47. 11.3 0.0230 0.83 1.00 1.20 202.0 10.0 287.0 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
18 9 6 249 1 -7.1 0.110 -9.000 -9.000 -999. 88. 17.2 0.0370 0.83 1.00 1.72 175.0 10.0 287.0 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 9 6 249 2 -6.2 0.104 -9.000 -9.000 -999. 80. 16.1 0.0370 0.83 1.00 1.62 153.0 10.0 287.0 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 9 6 249 3 -5.3 0.095 -9.000 -9.000 -999. 70. 14.4 0.0290 0.83 1.00 1.55 250.0 10.0 286.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 9 6 249 4 -3.3 0.075 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.25 193.0 10.0 286.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 9 6 249 5 -3.5 0.078 -9.000 -9.000 -999. 52. 12.0 0.0290 0.83 1.00 1.25 243.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 9 6 249 6 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.83 1.00 1.25 113.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 9 6 249 7 -1.8 0.067 -9.000 -9.000 -999. 41. 15.2 0.0230 0.83 0.41 1.13 191.0 10.0 286.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 9 6 249 8 12.1 0.127 0.447 0.020 265. 109. -15.4 0.0230 0.83 0.24 1.65 187.0 10.0 287.0 2.0 0

0.00 89. 1013. 10 ADJ-A1 NoSubs
18 9 6 249 9 26.9 0.126 0.639 0.033 349. 107. -6.7 0.0300 0.83 0.19 1.42 90.0 10.0 287.5 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
18 9 6 249 10 135.7 0.138 1.297 0.038 581. 123. -1.8 0.0380 0.83 0.18 1.21 351.0 10.0 290.4 2.0 0
0.00 75. 1013. 7 ADJ-A1 NoSubs
18 9 6 249 11 197.4 0.225 1.496 0.036 613. 257. -5.2 0.0230 0.83 0.17 2.61 190.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
18 9 6 249 12 214.9 0.364 1.566 0.033 647. 527. -20.2 0.0380 0.83 0.17 4.36 232.0 10.0 293.1 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 9 6 249 13 216.0 0.359 1.595 0.031 679. 517. -19.4 0.0380 0.83 0.17 4.29 233.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
18 9 6 249 14 201.5 0.366 1.580 0.029 708. 531. -21.9 0.0380 0.83 0.17 4.42 214.0 10.0 292.0 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 9 6 249 15 171.7 0.280 1.516 0.027 733. 359. -11.5 0.0230 0.83 0.18 3.52 194.0 10.0 292.5 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
18 9 6 249 16 127.3 0.297 1.380 0.026 744. 389. -18.6 0.0370 0.83 0.19 3.56 177.0 10.0 292.5 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
18 9 6 249 17 69.9 0.275 1.133 0.025 750. 347. -26.9 0.0370 0.83 0.23 3.40 178.0 10.0 290.9 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 9 6 249 18 6.0 0.257 0.501 0.025 749. 313. -254.5 0.0370 0.83 0.36 3.52 174.0 10.0 288.8 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 9 6 249 19 -18.2 0.185 -9.000 -9.000 -999. 193. 37.7 0.0230 0.83 1.00 3.01 182.0 10.0 287.0 2.0 0
0.00 92. 1011. 3 ADJ-A1 NoSubs
18 9 6 249 20 -3.7 0.079 -9.000 -9.000 -999. 61. 11.9 0.0230 0.83 1.00 1.33 180.0 10.0 286.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 9 6 249 21 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0290 0.83 1.00 1.26 268.0 10.0 286.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 9 6 249 22 -2.2 0.065 -9.000 -9.000 -999. 39. 11.2 0.0260 0.83 1.00 0.94 289.0 10.0 285.9 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 9 6 249 23 -2.4 0.068 -9.000 -9.000 -999. 42. 11.5 0.0330 0.83 1.00 0.97 323.0 10.0 285.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 9 6 249 24 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0380 0.83 1.00 1.42 340.0 10.0 284.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 9 7 250 1 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0330 0.83 1.00 1.31 323.0 10.0 284.2 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 9 7 250 2 -2.0 0.063 -9.000 -9.000 -999. 38. 11.4 0.0260 0.83 1.00 0.87 286.0 10.0 283.8 2.0 0
0.00 96. 1011. 7 ADJ-A1 NoSubs
18 9 7 250 3 -2.0 0.064 -9.000 -9.000 -999. 39. 11.9 0.0330 0.83 1.00 0.84 325.0 10.0 284.2 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 9 7 250 4 -1.9 0.062 -9.000 -9.000 -999. 37. 11.5 0.0260 0.83 1.00 0.84 291.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 9 7 250 5 -2.9 0.071 -9.000 -9.000 -999. 46. 11.3 0.0260 0.83 1.00 1.13 276.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 9 7 250 6 -3.9 0.082 -9.000 -9.000 -999. 56. 12.8 0.0380 0.83 1.00 1.26 350.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 9 7 250 7 -2.4 0.077 -9.000 -9.000 -999. 52. 17.4 0.0330 0.83 0.41 1.23 42.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 9 7 250 8 11.4 0.123 0.405 0.035 209. 104. -14.8 0.0290 0.83 0.24 1.52 85.0 10.0 285.4 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 9 7 250 9 26.2 0.109 0.601 0.037 298. 86. -4.4 0.0340 0.83 0.19 1.13 134.0 10.0 285.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 9 7 250 10 38.8 0.127 0.702 0.036 321. 109. -4.8 0.0370 0.83 0.18 1.31 161.0 10.0 288.8 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
18 9 7 250 11 196.5 0.203 1.271 0.032 377. 220. -3.9 0.0370 0.83 0.17 2.03 173.0 10.0 292.5 2.0 0

0.00 70. 1011. 0 ADJ-A1 NoSubs
18 9 7 250 12 214.2 0.297 1.339 0.028 405. 389. -11.1 0.0230 0.83 0.17 3.73 192.0 10.0 293.8 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 9 7 250 13 216.3 0.320 1.372 0.023 430. 435. -13.7 0.0230 0.83 0.17 4.10 188.0 10.0 295.4 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 9 7 250 14 201.8 0.324 1.363 0.020 453. 443. -15.2 0.0230 0.83 0.17 4.19 200.0 10.0 295.4 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 9 7 250 15 171.7 0.311 1.312 0.017 474. 416. -15.8 0.0230 0.83 0.18 4.03 187.0 10.0 295.4 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 9 7 250 16 126.1 0.294 1.201 0.015 495. 383. -18.1 0.0230 0.83 0.19 3.86 184.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 9 7 250 17 68.1 0.316 0.984 0.014 504. 426. -41.7 0.0370 0.83 0.23 4.02 166.0 10.0 290.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
18 9 7 250 18 -3.7 0.282 -9.000 -9.000 -999. 361. 546.3 0.0370 0.83 0.37 4.00 171.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 9 7 250 19 -22.1 0.224 -9.000 -9.000 -999. 255. 55.0 0.0370 0.83 1.00 3.32 157.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 9 7 250 20 -6.6 0.107 -9.000 -9.000 -999. 92. 16.5 0.0340 0.83 1.00 1.69 122.0 10.0 286.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 9 7 250 21 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0370 0.83 1.00 0.86 179.0 10.0 285.4 2.0 0
0.00 100. 1010. 3 ADJ-A1 NoSubs
18 9 7 250 22 -2.0 0.064 -9.000 -9.000 -999. 39. 11.8 0.0330 0.83 1.00 0.86 316.0 10.0 285.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 9 7 250 23 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0260 0.83 1.00 1.30 299.0 10.0 284.2 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 9 7 250 24 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0380 0.83 1.00 1.09 334.0 10.0 284.2 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 9 8 251 1 -3.5 0.079 -9.000 -9.000 -999. 53. 12.4 0.0380 0.83 1.00 1.20 357.0 10.0 283.8 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 9 8 251 2 -3.0 0.072 -9.000 -9.000 -999. 46. 11.3 0.0260 0.83 1.00 1.14 280.0 10.0 283.1 2.0 0
0.00 96. 1010. 5 ADJ-A1 NoSubs
18 9 8 251 3 -2.8 0.070 -9.000 -9.000 -999. 45. 11.4 0.0290 0.83 1.00 1.08 265.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 8 251 4 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.83 1.00 1.13 302.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 8 251 5 -1.9 0.064 -9.000 -9.000 -999. 39. 12.3 0.0380 0.83 1.00 0.80 341.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 8 251 6 -2.3 0.067 -9.000 -9.000 -999. 42. 11.9 0.0380 0.83 1.00 0.91 351.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 8 251 7 -1.3 0.056 -9.000 -9.000 -999. 32. 12.1 0.0330 0.83 0.42 0.87 44.0 10.0 283.8 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
18 9 8 251 8 10.9 0.094 0.325 0.030 113. 69. -6.8 0.0300 0.83 0.25 1.06 114.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 8 251 9 26.0 0.107 0.549 0.033 228. 83. -4.2 0.0230 0.83 0.19 1.20 205.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 9 8 251 10 162.1 0.213 1.140 0.030 329. 237. -5.4 0.0370 0.83 0.18 2.23 178.0 10.0 290.4 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 9 8 251 11 195.9 0.252 1.289 0.026 394. 303. -7.3 0.0230 0.83 0.17 3.03 185.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 9 8 251 12 213.7 0.294 1.385 0.023 448. 382. -10.7 0.0230 0.83 0.17 3.67 188.0 10.0 294.9 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
18 9 8 251 13 215.2 0.315 1.410 0.019 469. 425. -13.1 0.0230 0.83 0.17 4.02 189.0 10.0 295.4 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
18 9 8 251 14 201.2 0.324 1.398 0.016 489. 443. -15.3 0.0370 0.83 0.17 3.81 176.0 10.0 296.4 2.0 0

0.00 52. 1008. 0 ADJ-A1 NoSubs
18 9 8 251 15 170.7 0.306 1.348 0.013 516. 406. -15.1 0.0370 0.83 0.18 3.59 176.0 10.0 295.9 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
18 9 8 251 16 125.7 0.288 1.246 0.012 553. 371. -17.1 0.0370 0.83 0.19 3.42 178.0 10.0 295.4 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
18 9 8 251 17 68.6 0.230 1.031 0.011 573. 265. -15.9 0.0230 0.83 0.23 2.98 182.0 10.0 295.4 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
18 9 8 251 18 4.5 0.211 0.416 0.011 571. 233. -187.5 0.0230 0.83 0.37 3.12 184.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
18 9 8 251 19 -13.2 0.154 -9.000 -9.000 -999. 145. 26.0 0.0380 0.83 1.00 2.32 212.0 10.0 288.8 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
18 9 8 251 20 -19.6 0.201 -9.000 -9.000 -999. 216. 44.5 0.0370 0.83 1.00 3.00 168.0 10.0 288.8 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
18 9 8 251 21 -5.0 0.092 -9.000 -9.000 -999. 74. 14.3 0.0340 0.83 1.00 1.47 143.0 10.0 288.1 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 9 8 251 22 -5.2 0.095 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.48 341.0 10.0 285.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 9 8 251 23 -4.2 0.086 -9.000 -9.000 -999. 60. 13.4 0.0380 0.83 1.00 1.33 342.0 10.0 285.4 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 8 251 24 -3.7 0.080 -9.000 -9.000 -999. 55. 12.6 0.0380 0.83 1.00 1.23 332.0 10.0 284.9 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 1 -6.1 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.83 1.00 1.60 341.0 10.0 284.2 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 2 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.83 1.00 1.13 341.0 10.0 283.8 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 3 -3.5 0.079 -9.000 -9.000 -999. 53. 12.4 0.0380 0.83 1.00 1.20 336.0 10.0 284.2 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 9 252 4 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0310 0.83 1.00 1.59 14.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 9 252 5 -4.6 0.089 -9.000 -9.000 -999. 63. 13.5 0.0310 0.83 1.00 1.43 26.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 9 252 6 -3.9 0.082 -9.000 -9.000 -999. 57. 12.7 0.0330 0.83 1.00 1.30 39.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 9 252 7 -3.2 0.086 -9.000 -9.000 -999. 61. 18.3 0.0310 0.83 0.42 1.38 9.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 9 252 8 11.0 0.113 0.332 0.021 119. 92. -11.9 0.0310 0.83 0.25 1.35 11.0 10.0 285.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 9 252 9 25.8 0.092 0.540 0.024 219. 66. -2.7 0.0290 0.83 0.19 0.92 83.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 9 252 10 133.3 0.135 1.115 0.029 374. 119. -1.6 0.0290 0.83 0.18 1.25 253.0 10.0 289.1 2.0 0
0.00 82. 1008. 7 ADJ-A1 NoSubs
18 9 9 252 11 194.7 0.161 1.338 0.026 442. 154. -1.9 0.0230 0.83 0.17 1.62 204.0 10.0 292.5 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 12 212.2 0.338 1.402 0.021 467. 471. -16.3 0.0380 0.83 0.17 3.97 221.0 10.0 293.8 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 13 213.6 0.353 1.428 0.017 490. 502. -18.4 0.0380 0.83 0.17 4.19 213.0 10.0 294.2 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 14 199.2 0.275 1.448 0.015 548. 349. -9.3 0.0230 0.83 0.17 3.39 188.0 10.0 294.9 2.0 0
0.00 54. 1006. 0 ADJ-A1 NoSubs
18 9 9 252 15 168.6 0.304 1.453 0.014 654. 403. -15.0 0.0230 0.83 0.18 3.93 200.0 10.0 294.2 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
18 9 9 252 16 123.5 0.287 1.329 0.013 683. 370. -17.3 0.0230 0.83 0.19 3.76 184.0 10.0 293.8 2.0 0
0.00 58. 1006. 0 ADJ-A1 NoSubs
18 9 9 252 17 65.6 0.322 1.083 0.012 696. 438. -45.7 0.0370 0.83 0.23 4.12 166.0 10.0 292.0 2.0 0

0.00 67. 1006. 0 ADJ-A1 NoSubs
18 9 9 252 18 2.0 0.282 0.337 0.012 694. 360. -1016.0 0.0370 0.83 0.38 3.92 162.0 10.0 289.9 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
18 9 9 252 19 -17.1 0.175 -9.000 -9.000 -999. 181. 33.6 0.0340 0.83 1.00 2.67 149.0 10.0 288.1 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
18 9 9 252 20 -2.9 0.072 -9.000 -9.000 -999. 54. 11.7 0.0330 0.83 1.00 1.09 33.0 10.0 287.5 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 21 -4.5 0.088 -9.000 -9.000 -999. 62. 13.3 0.0290 0.83 1.00 1.43 73.0 10.0 287.0 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 22 -6.3 0.104 -9.000 -9.000 -999. 80. 15.9 0.0310 0.83 1.00 1.67 1.0 10.0 286.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 23 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.83 1.00 1.60 7.0 10.0 285.4 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 9 9 252 24 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.83 1.00 1.74 341.0 10.0 284.9 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 9 10 253 1 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.83 1.00 1.76 339.0 10.0 284.2 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 10 253 2 -10.5 0.135 -9.000 -9.000 -999. 119. 21.0 0.0330 0.83 1.00 2.11 329.0 10.0 283.8 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
18 9 10 253 3 -2.0 0.064 -9.000 -9.000 -999. 41. 11.8 0.0330 0.83 1.00 0.86 326.0 10.0 284.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 10 253 4 -2.7 0.070 -9.000 -9.000 -999. 45. 11.6 0.0330 0.83 1.00 1.04 33.0 10.0 284.2 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 10 253 5 -4.7 0.090 -9.000 -9.000 -999. 64. 13.7 0.0330 0.83 1.00 1.43 39.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 10 253 6 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0330 0.83 1.00 1.47 40.0 10.0 284.9 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 10 253 7 -2.2 0.071 -9.000 -9.000 -999. 45. 14.9 0.0340 0.83 0.42 1.13 125.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 10 253 8 10.7 0.111 0.458 0.038 324. 89. -11.5 0.0330 0.83 0.25 1.30 44.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 10 253 9 25.6 0.108 0.656 0.039 396. 86. -4.5 0.0300 0.83 0.19 1.16 111.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 10 253 10 162.7 0.156 1.287 0.037 471. 147. -2.1 0.0290 0.83 0.18 1.50 264.0 10.0 290.1 2.0 0
0.00 77. 1008. 4 ADJ-A1 NoSubs
18 9 10 253 11 193.8 0.222 1.386 0.034 494. 251. -5.1 0.0230 0.83 0.17 2.56 202.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
18 9 10 253 12 211.2 0.335 1.439 0.030 507. 464. -15.9 0.0230 0.83 0.17 4.34 206.0 10.0 293.8 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
18 9 10 253 13 212.8 0.338 1.454 0.027 520. 471. -16.3 0.0380 0.83 0.17 3.97 213.0 10.0 294.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
18 9 10 253 14 198.0 0.307 1.430 0.024 531. 409. -13.2 0.0230 0.83 0.17 3.92 195.0 10.0 294.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
18 9 10 253 15 166.7 0.313 1.361 0.021 543. 420. -16.5 0.0230 0.83 0.18 4.07 186.0 10.0 293.1 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
18 9 10 253 16 122.0 0.316 1.236 0.020 556. 427. -23.3 0.0370 0.83 0.19 3.86 162.0 10.0 293.8 2.0 0
0.00 60. 1005. 0 ADJ-A1 NoSubs
18 9 10 253 17 64.2 0.291 1.002 0.019 562. 378. -34.5 0.0370 0.83 0.24 3.66 162.0 10.0 292.5 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
18 9 10 253 18 1.1 0.229 0.259 0.019 561. 264. -970.7 0.0370 0.83 0.39 3.18 158.0 10.0 291.4 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
18 9 10 253 19 -21.1 0.217 -9.000 -9.000 -999. 242. 51.6 0.0370 0.83 1.00 3.22 159.0 10.0 289.2 2.0 0
0.00 80. 1005. 0 ADJ-A1 NoSubs
18 9 10 253 20 -17.1 0.175 -9.000 -9.000 -999. 176. 33.7 0.0300 0.83 1.00 2.73 108.0 10.0 288.8 2.0 0

0.00 79. 1006. 0 ADJ-A1 NoSubs
18 9 10 253 21 -17.7 0.180 -9.000 -9.000 -999. 184. 35.8 0.0300 0.83 1.00 2.81 96.0 10.0 287.0 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 10 253 22 -7.3 0.112 -9.000 -9.000 -999. 91. 17.1 0.0290 0.83 1.00 1.81 66.0 10.0 286.4 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 9 10 253 23 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0290 0.83 1.00 1.52 60.0 10.0 285.9 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 10 253 24 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.83 1.00 1.60 16.0 10.0 284.9 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 11 254 1 -4.9 0.092 -9.000 -9.000 -999. 67. 13.9 0.0310 0.83 1.00 1.48 6.0 10.0 284.9 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 11 254 2 -8.8 0.124 -9.000 -9.000 -999. 105. 19.5 0.0380 0.83 1.00 1.91 343.0 10.0 284.2 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 11 254 3 -9.5 0.129 -9.000 -9.000 -999. 112. 20.3 0.0380 0.83 1.00 1.98 330.0 10.0 284.2 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 11 254 4 -8.6 0.122 -9.000 -9.000 -999. 102. 19.1 0.0380 0.83 1.00 1.88 334.0 10.0 283.1 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 11 254 5 -3.7 0.080 -9.000 -9.000 -999. 55. 12.4 0.0330 0.83 1.00 1.26 328.0 10.0 282.0 2.0 0
0.00 95. 1006. 0 ADJ-A1 NoSubs
18 9 11 254 6 -2.0 0.063 -9.000 -9.000 -999. 38. 11.6 0.0290 0.83 1.00 0.86 245.0 10.0 283.1 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 11 254 7 -2.6 0.077 -9.000 -9.000 -999. 51. 15.7 0.0370 0.83 0.43 1.20 153.0 10.0 283.8 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 11 254 8 10.4 0.091 0.288 0.024 82. 65. -6.4 0.0340 0.83 0.25 0.99 122.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 11 254 9 25.4 0.113 0.535 0.033 216. 91. -5.1 0.0340 0.83 0.19 1.20 135.0 10.0 285.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 11 254 10 156.7 0.175 1.097 0.030 303. 176. -3.1 0.0370 0.83 0.18 1.69 161.0 10.0 289.9 2.0 0
0.00 74. 1008. 5 ADJ-A1 NoSubs
18 9 11 254 11 192.8 0.192 1.259 0.025 372. 202. -3.3 0.0370 0.83 0.17 1.88 165.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
18 9 11 254 12 210.4 0.279 1.367 0.021 436. 354. -9.3 0.0230 0.83 0.17 3.44 193.0 10.0 294.2 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
18 9 11 254 13 211.7 0.284 1.425 0.018 491. 364. -9.7 0.0230 0.83 0.17 3.52 190.0 10.0 294.9 2.0 0
0.00 54. 1006. 0 ADJ-A1 NoSubs
18 9 11 254 14 197.3 0.291 1.436 0.015 539. 377. -11.2 0.0230 0.83 0.17 3.66 180.0 10.0 295.9 2.0 0
0.00 48. 1006. 0 ADJ-A1 NoSubs
18 9 11 254 15 166.9 0.313 1.426 0.013 623. 421. -16.5 0.0370 0.83 0.18 3.71 169.0 10.0 296.4 2.0 0
0.00 45. 1005. 0 ADJ-A1 NoSubs
18 9 11 254 16 121.5 0.287 1.292 0.011 637. 370. -17.5 0.0370 0.83 0.19 3.42 160.0 10.0 295.9 2.0 0
0.00 48. 1005. 0 ADJ-A1 NoSubs
18 9 11 254 17 63.1 0.326 1.042 0.011 643. 447. -49.3 0.0370 0.83 0.24 4.19 174.0 10.0 293.8 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
18 9 11 254 18 -0.4 0.277 -9.000 -9.000 -999. 352. 5037.6 0.0370 0.83 0.39 3.88 157.0 10.0 291.4 2.0 0
0.00 62. 1005. 0 ADJ-A1 NoSubs
18 9 11 254 19 -19.0 0.195 -9.000 -9.000 -999. 210. 41.9 0.0340 0.83 1.00 2.96 139.0 10.0 289.2 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
18 9 11 254 20 -14.9 0.162 -9.000 -9.000 -999. 156. 28.8 0.0290 0.83 1.00 2.55 89.0 10.0 288.1 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
18 9 11 254 21 -10.0 0.132 -9.000 -9.000 -999. 115. 20.4 0.0290 0.83 1.00 2.11 79.0 10.0 287.0 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
18 9 11 254 22 -7.4 0.112 -9.000 -9.000 -999. 90. 17.2 0.0290 0.83 1.00 1.82 61.0 10.0 286.4 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
18 9 11 254 23 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.83 1.00 1.60 19.0 10.0 285.4 2.0 0

0.00 86. 1007. 0 ADJ-A1 NoSubs
18 9 11 254 24 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0310 0.83 1.00 1.57 4.0 10.0 284.9 2.0 0
0.00 85. 1007. 0 ADJ-A1 NoSubs
18 9 12 255 1 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.83 1.00 1.74 360.0 10.0 284.2 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 9 12 255 2 -7.9 0.116 -9.000 -9.000 -999. 95. 17.8 0.0310 0.83 1.00 1.86 2.0 10.0 283.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 12 255 3 -7.0 0.110 -9.000 -9.000 -999. 88. 17.1 0.0380 0.83 1.00 1.71 345.0 10.0 283.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 12 255 4 -9.9 0.131 -9.000 -9.000 -999. 114. 20.6 0.0380 0.83 1.00 2.01 351.0 10.0 282.5 2.0 0
0.00 92. 1007. 3 ADJ-A1 NoSubs
18 9 12 255 5 -9.1 0.126 -9.000 -9.000 -999. 107. 19.6 0.0380 0.83 1.00 1.93 338.0 10.0 282.5 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 12 255 6 -8.0 0.118 -9.000 -9.000 -999. 97. 18.3 0.0380 0.83 1.00 1.82 340.0 10.0 282.0 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 9 12 255 7 -3.8 0.105 -9.000 -9.000 -999. 81. 27.4 0.0380 0.83 0.43 1.57 341.0 10.0 284.2 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 9 12 255 8 52.2 0.100 0.723 0.016 260. 75. -1.7 0.0380 0.83 0.25 0.87 358.0 10.0 287.5 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 9 12 255 9 111.8 0.146 0.994 0.014 316. 134. -2.5 0.0370 0.83 0.20 1.37 164.0 10.0 290.4 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 9 12 255 10 159.5 0.209 1.328 0.017 529. 229. -5.2 0.0370 0.83 0.18 2.17 170.0 10.0 292.5 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
18 9 12 255 11 192.1 0.275 1.480 0.015 609. 345. -9.7 0.0230 0.83 0.17 3.40 200.0 10.0 293.1 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
18 9 12 255 12 209.4 0.262 1.584 0.014 684. 322. -7.7 0.0230 0.83 0.17 3.17 197.0 10.0 294.2 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
18 9 12 255 13 211.1 0.252 1.616 0.012 719. 304. -6.8 0.0230 0.83 0.17 3.01 192.0 10.0 295.9 2.0 0
0.00 40. 1008. 0 ADJ-A1 NoSubs
18 9 12 255 14 196.6 0.261 1.648 0.011 819. 319. -8.1 0.0230 0.83 0.17 3.17 186.0 10.0 297.0 2.0 0
0.00 36. 1008. 0 ADJ-A1 NoSubs
18 9 12 255 15 166.1 0.279 1.586 0.009 865. 354. -11.8 0.0380 0.83 0.18 3.18 212.0 10.0 297.5 2.0 0
0.00 38. 1007. 0 ADJ-A1 NoSubs
18 9 12 255 16 120.8 0.287 1.444 0.008 896. 368. -17.5 0.0380 0.83 0.19 3.39 219.0 10.0 297.5 2.0 0
0.00 41. 1007. 0 ADJ-A1 NoSubs
18 9 12 255 17 63.3 0.239 1.171 0.008 912. 280. -19.2 0.0290 0.83 0.24 3.01 247.0 10.0 297.5 2.0 0
0.00 34. 1006. 0 ADJ-A1 NoSubs
18 9 12 255 18 -0.6 0.194 -9.000 -9.000 -999. 206. 1033.8 0.0330 0.83 0.40 2.79 59.0 10.0 293.8 2.0 0
0.00 53. 1006. 0 ADJ-A1 NoSubs
18 9 12 255 19 -22.1 0.229 -9.000 -9.000 -999. 263. 57.6 0.0300 0.83 1.00 3.52 91.0 10.0 290.9 2.0 0
0.00 57. 1007. 0 ADJ-A1 NoSubs
18 9 12 255 20 -19.6 0.200 -9.000 -9.000 -999. 215. 44.1 0.0300 0.83 1.00 3.10 92.0 10.0 288.8 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
18 9 12 255 21 -5.2 0.094 -9.000 -9.000 -999. 75. 14.2 0.0290 0.83 1.00 1.53 67.0 10.0 287.5 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
18 9 12 255 22 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.83 1.00 1.23 1.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 9 12 255 23 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0380 0.83 1.00 1.62 350.0 10.0 285.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 9 12 255 24 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.83 1.00 1.76 343.0 10.0 284.9 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
18 9 13 256 1 -6.7 0.108 -9.000 -9.000 -999. 85. 16.7 0.0380 0.83 1.00 1.67 338.0 10.0 283.8 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 9 13 256 2 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.83 1.00 1.76 339.0 10.0 283.8 2.0 0

0.00 89. 1009. 7 ADJ-A1 NoSubs
18 9 13 256 3 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.83 1.00 1.76 339.0 10.0 284.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 9 13 256 4 -2.8 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.83 1.00 1.08 35.0 10.0 285.9 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
18 9 13 256 5 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0330 0.83 1.00 1.16 30.0 10.0 285.4 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 9 13 256 6 -3.4 0.077 -9.000 -9.000 -999. 52. 12.2 0.0330 0.83 1.00 1.21 52.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 9 13 256 7 -0.1 0.084 -9.000 -9.000 -999. 58. 543.0 0.0310 0.83 0.44 1.23 15.0 10.0 285.9 2.0 0
0.00 86. 1010. 7 ADJ-A1 NoSubs
18 9 13 256 8 10.5 0.115 0.432 0.010 277. 94. -13.2 0.0330 0.83 0.25 1.37 43.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 9 13 256 9 115.0 0.139 1.283 0.016 663. 125. -2.1 0.0290 0.83 0.20 1.35 64.0 10.0 288.1 2.0 0
0.00 77. 1011. 3 ADJ-A1 NoSubs
18 9 13 256 10 157.9 0.162 1.451 0.015 698. 156. -2.4 0.0370 0.83 0.18 1.50 157.0 10.0 290.9 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
18 9 13 256 11 190.7 0.259 1.561 0.012 721. 316. -8.2 0.0230 0.83 0.17 3.15 199.0 10.0 292.0 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
18 9 13 256 12 207.9 0.311 1.625 0.010 745. 417. -13.1 0.0380 0.83 0.17 3.58 218.0 10.0 293.1 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 9 13 256 13 208.9 0.320 1.654 0.008 781. 434. -14.1 0.0380 0.83 0.17 3.71 219.0 10.0 293.8 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
18 9 13 256 14 194.8 0.228 1.724 0.007 949. 266. -5.5 0.0230 0.83 0.17 2.66 194.0 10.0 295.9 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
18 9 13 256 15 164.5 0.243 1.675 0.006 1031. 287. -7.8 0.0230 0.83 0.18 2.94 209.0 10.0 297.0 2.0 0
0.00 36. 1009. 0 ADJ-A1 NoSubs
18 9 13 256 16 118.7 0.272 1.517 0.005 1059. 341. -15.3 0.0380 0.83 0.19 3.18 215.0 10.0 296.4 2.0 0
0.00 40. 1008. 0 ADJ-A1 NoSubs
18 9 13 256 17 60.8 0.207 1.220 0.005 1073. 227. -13.1 0.0230 0.83 0.24 2.64 195.0 10.0 295.9 2.0 0
0.00 40. 1008. 0 ADJ-A1 NoSubs
18 9 13 256 18 -3.1 0.252 -9.000 -9.000 -999. 303. 456.6 0.0340 0.83 0.41 3.63 135.0 10.0 292.0 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 9 13 256 19 -26.0 0.267 -9.000 -9.000 -999. 332. 78.6 0.0340 0.83 1.00 4.00 121.0 10.0 289.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 9 13 256 20 -22.7 0.232 -9.000 -9.000 -999. 269. 59.3 0.0300 0.83 1.00 3.57 110.0 10.0 288.8 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
18 9 13 256 21 -5.2 0.094 -9.000 -9.000 -999. 85. 14.3 0.0300 0.83 1.00 1.52 93.0 10.0 287.5 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 9 13 256 22 -3.3 0.077 -9.000 -9.000 -999. 51. 12.3 0.0380 0.83 1.00 1.16 340.0 10.0 287.0 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
18 9 13 256 23 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0380 0.83 1.00 1.35 335.0 10.0 285.9 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 9 13 256 24 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0380 0.83 1.00 1.62 336.0 10.0 285.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 9 14 257 1 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0380 0.83 1.00 1.72 333.0 10.0 284.9 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 9 14 257 2 -10.1 0.133 -9.000 -9.000 -999. 116. 20.9 0.0380 0.83 1.00 2.03 331.0 10.0 284.2 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 9 14 257 3 -11.2 0.140 -9.000 -9.000 -999. 126. 22.1 0.0380 0.83 1.00 2.13 333.0 10.0 283.8 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 9 14 257 4 -8.2 0.119 -9.000 -9.000 -999. 99. 18.6 0.0380 0.83 1.00 1.84 332.0 10.0 283.8 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 9 14 257 5 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.54 341.0 10.0 283.1 2.0 0

0.00 89. 1009. 0 ADJ-A1 NoSubs
18 9 14 257 6 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.54 346.0 10.0 283.1 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 9 14 257 7 -2.5 0.081 -9.000 -9.000 -999. 56. 19.7 0.0380 0.83 0.44 1.25 335.0 10.0 284.9 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
18 9 14 257 8 50.3 0.105 0.871 0.016 472. 81. -2.0 0.0380 0.83 0.25 0.94 337.0 10.0 287.0 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
18 9 14 257 9 109.9 0.121 1.215 0.015 588. 102. -1.5 0.0370 0.83 0.20 1.04 167.0 10.0 289.9 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
18 9 14 257 10 157.4 0.177 1.412 0.013 644. 179. -3.2 0.0370 0.83 0.18 1.72 158.0 10.0 292.0 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
18 9 14 257 11 190.7 0.234 1.545 0.011 696. 272. -6.1 0.0230 0.83 0.17 2.76 205.0 10.0 294.2 2.0 0
0.00 50. 1008. 0 ADJ-A1 NoSubs
18 9 14 257 12 207.3 0.341 1.614 0.010 729. 478. -17.2 0.0380 0.83 0.17 4.03 222.0 10.0 294.2 2.0 0
0.00 46. 1007. 0 ADJ-A1 NoSubs
18 9 14 257 13 208.3 0.343 1.640 0.009 762. 481. -17.3 0.0380 0.83 0.17 4.05 230.0 10.0 294.9 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
18 9 14 257 14 192.7 0.368 1.640 0.008 823. 535. -23.1 0.0380 0.83 0.17 4.46 210.0 10.0 294.2 2.0 0
0.00 52. 1006. 0 ADJ-A1 NoSubs
18 9 14 257 15 162.2 0.249 1.580 0.008 873. 307. -8.6 0.0230 0.83 0.18 3.05 190.0 10.0 295.4 2.0 0
0.00 47. 1006. 0 ADJ-A1 NoSubs
18 9 14 257 16 115.6 0.313 1.439 0.007 924. 421. -23.8 0.0370 0.83 0.19 3.83 153.0 10.0 293.1 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
18 9 14 257 17 57.0 0.280 1.155 0.008 971. 356. -34.6 0.0340 0.83 0.24 3.58 149.0 10.0 290.9 2.0 0
0.00 64. 1006. 0 ADJ-A1 NoSubs
18 9 14 257 18 -5.6 0.250 -9.000 -9.000 -999. 300. 249.8 0.0340 0.83 0.41 3.64 146.0 10.0 288.1 2.0 0
0.00 77. 1005. 0 ADJ-A1 NoSubs
18 9 14 257 19 -20.4 0.208 -9.000 -9.000 -999. 229. 47.7 0.0340 0.83 1.00 3.15 147.0 10.0 287.0 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
18 9 14 257 20 -16.3 0.171 -9.000 -9.000 -999. 170. 32.0 0.0340 0.83 1.00 2.61 140.0 10.0 287.0 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
18 9 14 257 21 -5.9 0.100 -9.000 -9.000 -999. 77. 15.4 0.0330 0.83 1.00 1.60 36.0 10.0 287.0 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
18 9 14 257 22 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.54 351.0 10.0 285.9 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
18 9 14 257 23 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.83 1.00 1.69 345.0 10.0 284.9 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 14 257 24 -9.6 0.130 -9.000 -9.000 -999. 112. 20.4 0.0380 0.83 1.00 1.99 336.0 10.0 284.2 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 15 258 1 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.83 1.00 1.69 345.0 10.0 283.8 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 15 258 2 -8.2 0.119 -9.000 -9.000 -999. 99. 18.6 0.0380 0.83 1.00 1.84 345.0 10.0 282.5 2.0 0
0.00 92. 1007. 5 ADJ-A1 NoSubs
18 9 15 258 3 -8.2 0.119 -9.000 -9.000 -999. 99. 18.6 0.0380 0.83 1.00 1.84 334.0 10.0 283.8 2.0 0
0.00 89. 1007. 7 ADJ-A1 NoSubs
18 9 15 258 4 -8.6 0.122 -9.000 -9.000 -999. 102. 19.1 0.0380 0.83 1.00 1.88 344.0 10.0 283.1 2.0 0
0.00 92. 1007. 7 ADJ-A1 NoSubs
18 9 15 258 5 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.38 326.0 10.0 284.9 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
18 9 15 258 6 -4.3 0.086 -9.000 -9.000 -999. 60. 13.4 0.0380 0.83 1.00 1.33 337.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 15 258 7 -0.6 0.064 -9.000 -9.000 -999. 38. 37.1 0.0330 0.83 0.45 0.97 311.0 10.0 285.4 2.0 0
0.00 89. 1009. 7 ADJ-A1 NoSubs
18 9 15 258 8 10.2 0.112 0.383 0.005 197. 90. -12.4 0.0300 0.83 0.25 1.35 97.0 10.0 287.0 2.0 0

0.00 80. 1009. 10 ADJ-A1 NoSubs
18 9 15 258 9 108.6 0.160 1.265 0.021 672. 153. -3.4 0.0340 0.83 0.20 1.60 139.0 10.0 288.8 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
18 9 15 258 10 156.1 0.232 1.456 0.019 714. 268. -7.2 0.0230 0.83 0.18 2.79 194.0 10.0 290.9 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 9 15 258 11 188.9 0.253 1.584 0.018 758. 305. -7.7 0.0230 0.83 0.17 3.06 190.0 10.0 292.5 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
18 9 15 258 12 206.0 0.306 1.650 0.016 786. 407. -12.6 0.0380 0.83 0.17 3.51 219.0 10.0 293.8 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
18 9 15 258 13 206.8 0.337 1.666 0.014 806. 469. -16.7 0.0230 0.83 0.17 4.39 207.0 10.0 294.2 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
18 9 15 258 14 191.9 0.227 1.639 0.012 825. 266. -5.5 0.0230 0.83 0.17 2.64 193.0 10.0 295.4 2.0 0
0.00 45. 1008. 0 ADJ-A1 NoSubs
18 9 15 258 15 161.6 0.290 1.558 0.010 842. 375. -13.6 0.0370 0.83 0.18 3.37 178.0 10.0 297.0 2.0 0
0.00 36. 1008. 0 ADJ-A1 NoSubs
18 9 15 258 16 115.6 0.286 1.399 0.009 852. 366. -18.1 0.0380 0.83 0.19 3.39 221.0 10.0 296.4 2.0 0
0.00 39. 1007. 0 ADJ-A1 NoSubs
18 9 15 258 17 57.2 0.222 1.109 0.009 857. 252. -17.1 0.0380 0.83 0.25 2.62 210.0 10.0 295.4 2.0 0
0.00 43. 1007. 0 ADJ-A1 NoSubs
18 9 15 258 18 -2.9 0.143 -9.000 -9.000 -999. 131. 88.9 0.0230 0.83 0.42 2.27 183.0 10.0 293.8 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
18 9 15 258 19 -26.3 0.271 -9.000 -9.000 -999. 338. 80.7 0.0340 0.83 1.00 4.05 129.0 10.0 289.9 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
18 9 15 258 20 -25.6 0.262 -9.000 -9.000 -999. 323. 75.8 0.0340 0.83 1.00 3.93 138.0 10.0 288.8 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
18 9 15 258 21 -5.5 0.096 -9.000 -9.000 -999. 101. 14.6 0.0290 0.83 1.00 1.57 86.0 10.0 287.0 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
18 9 15 258 22 -8.0 0.118 -9.000 -9.000 -999. 97. 18.5 0.0380 0.83 1.00 1.82 233.0 10.0 285.9 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 9 15 258 23 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0330 0.83 1.00 1.59 311.0 10.0 285.4 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
18 9 15 258 24 -10.3 0.134 -9.000 -9.000 -999. 118. 21.2 0.0380 0.83 1.00 2.05 334.0 10.0 284.2 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 1 -7.6 0.114 -9.000 -9.000 -999. 93. 17.8 0.0380 0.83 1.00 1.77 334.0 10.0 283.8 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 2 -7.3 0.112 -9.000 -9.000 -999. 90. 17.4 0.0380 0.83 1.00 1.74 342.0 10.0 283.1 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 9 16 259 3 -11.9 0.145 -9.000 -9.000 -999. 132. 23.1 0.0380 0.83 1.00 2.20 331.0 10.0 283.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 4 -12.4 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.83 1.00 2.28 329.0 10.0 282.5 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 5 -17.2 0.175 -9.000 -9.000 -999. 176. 33.7 0.0380 0.83 1.00 2.62 331.0 10.0 282.0 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 9 16 259 6 -6.1 0.102 -9.000 -9.000 -999. 80. 15.7 0.0380 0.83 1.00 1.59 345.0 10.0 281.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 9 16 259 7 -3.6 0.095 -9.000 -9.000 -999. 70. 21.7 0.0380 0.83 0.45 1.45 346.0 10.0 283.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 9 16 259 8 48.6 0.098 0.758 0.010 323. 74. -1.7 0.0330 0.83 0.26 0.89 37.0 10.0 287.0 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 9 16 259 9 108.1 0.147 1.063 0.009 401. 135. -2.6 0.0290 0.83 0.20 1.47 85.0 10.0 289.9 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
18 9 16 259 10 155.5 0.167 1.395 0.011 630. 164. -2.7 0.0340 0.83 0.18 1.62 147.0 10.0 292.0 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
18 9 16 259 11 188.4 0.231 1.534 0.011 692. 267. -5.9 0.0230 0.83 0.17 2.72 200.0 10.0 293.8 2.0 0

0.00 48. 1010. 0 ADJ-A1 NoSubs
18 9 16 259 12 205.4 0.304 1.665 0.012 810. 402. -12.3 0.0230 0.83 0.17 3.85 205.0 10.0 294.9 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
18 9 16 259 13 206.4 0.321 1.737 0.012 916. 437. -14.4 0.0380 0.83 0.17 3.73 210.0 10.0 295.9 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 14 191.5 0.271 1.746 0.012 1002. 340. -9.4 0.0230 0.83 0.17 3.35 193.0 10.0 297.0 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 15 160.8 0.263 1.684 0.011 1070. 323. -10.2 0.0230 0.83 0.18 3.27 194.0 10.0 298.1 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
18 9 16 259 16 114.6 0.282 1.525 0.011 1113. 358. -17.5 0.0370 0.83 0.20 3.35 172.0 10.0 297.5 2.0 0
0.00 38. 1008. 0 ADJ-A1 NoSubs
18 9 16 259 17 56.1 0.223 1.209 0.011 1132. 254. -17.8 0.0370 0.83 0.25 2.66 171.0 10.0 296.4 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
18 9 16 259 18 -9.1 0.316 -9.000 -9.000 -999. 426. 309.4 0.0340 0.83 0.43 4.58 135.0 10.0 291.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 9 16 259 19 -22.9 0.234 -9.000 -9.000 -999. 275. 60.2 0.0340 0.83 1.00 3.52 148.0 10.0 288.8 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
18 9 16 259 20 -9.7 0.131 -9.000 -9.000 -999. 119. 20.7 0.0370 0.83 1.00 2.01 150.0 10.0 287.5 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 21 -2.2 0.065 -9.000 -9.000 -999. 42. 11.3 0.0290 0.83 1.00 0.94 257.0 10.0 287.0 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 22 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0300 0.83 1.00 1.45 118.0 10.0 286.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 23 -5.2 0.095 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.48 330.0 10.0 285.9 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 9 16 259 24 -5.5 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.83 1.00 1.52 336.0 10.0 284.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 9 17 260 1 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0380 0.83 1.00 2.06 335.0 10.0 284.2 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 9 17 260 2 -11.9 0.145 -9.000 -9.000 -999. 132. 23.1 0.0380 0.83 1.00 2.20 331.0 10.0 284.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 9 17 260 3 -7.0 0.110 -9.000 -9.000 -999. 87. 17.0 0.0380 0.83 1.00 1.70 330.0 10.0 283.8 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 9 17 260 4 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.83 1.00 1.91 342.0 10.0 283.1 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 9 17 260 5 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.83 1.00 1.13 351.0 10.0 282.5 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 9 17 260 6 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.55 333.0 10.0 282.5 2.0 0
0.00 96. 1010. 2 ADJ-A1 NoSubs
18 9 17 260 7 -1.9 0.064 -9.000 -9.000 -999. 39. 12.2 0.0310 0.83 0.45 1.01 21.0 10.0 284.2 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 9 17 260 8 9.1 0.113 0.380 0.013 216. 91. -14.2 0.0330 0.83 0.26 1.35 32.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 17 260 9 24.4 0.107 0.628 0.018 365. 84. -4.6 0.0290 0.83 0.20 1.16 83.0 10.0 287.0 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 9 17 260 10 153.9 0.160 1.291 0.019 504. 154. -2.4 0.0340 0.83 0.18 1.52 131.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 9 17 260 11 187.2 0.248 1.452 0.018 590. 296. -7.3 0.0230 0.83 0.17 2.98 183.0 10.0 293.1 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 9 17 260 12 203.3 0.355 1.543 0.016 651. 508. -19.8 0.0380 0.83 0.17 4.25 234.0 10.0 292.5 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
18 9 17 260 13 203.9 0.322 1.574 0.014 689. 439. -14.7 0.0230 0.83 0.17 4.15 205.0 10.0 293.1 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 9 17 260 14 188.0 0.332 1.558 0.012 724. 459. -17.5 0.0370 0.83 0.17 3.95 164.0 10.0 292.5 2.0 0

0.00 60. 1008. 0 ADJ-A1 NoSubs
18 9 17 260 15 157.7 0.274 1.489 0.011 754. 345. -11.7 0.0300 0.83 0.18 3.27 118.0 10.0 294.9 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
18 9 17 260 16 110.9 0.324 1.348 0.010 794. 442. -27.5 0.0340 0.83 0.20 4.07 124.0 10.0 293.1 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 9 17 260 17 52.4 0.302 1.058 0.010 813. 398. -47.0 0.0340 0.83 0.25 3.93 125.0 10.0 292.0 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 9 17 260 18 -7.3 0.212 -9.000 -9.000 -999. 237. 116.6 0.0300 0.83 0.44 3.20 111.0 10.0 290.9 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 9 17 260 19 -17.4 0.178 -9.000 -9.000 -999. 181. 35.0 0.0300 0.83 1.00 2.78 116.0 10.0 288.8 2.0 0
0.00 68. 1008. 0 ADJ-A1 NoSubs
18 9 17 260 20 -19.5 0.199 -9.000 -9.000 -999. 213. 43.5 0.0300 0.83 1.00 3.08 102.0 10.0 287.5 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
18 9 17 260 21 -8.6 0.122 -9.000 -9.000 -999. 104. 18.7 0.0290 0.83 1.00 1.96 65.0 10.0 287.0 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
18 9 17 260 22 -6.5 0.105 -9.000 -9.000 -999. 82. 16.0 0.0310 0.83 1.00 1.69 24.0 10.0 285.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 9 17 260 23 -6.1 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.83 1.00 1.60 347.0 10.0 284.9 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
18 9 17 260 24 -9.7 0.130 -9.000 -9.000 -999. 112. 20.4 0.0380 0.83 1.00 1.99 352.0 10.0 283.8 2.0 0
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18 9 18 261 1 -8.7 0.123 -9.000 -9.000 -999. 103. 19.2 0.0380 0.83 1.00 1.89 343.0 10.0 283.8 2.0 0
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18 9 18 261 2 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.83 1.00 1.91 336.0 10.0 283.1 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 9 18 261 3 -11.9 0.145 -9.000 -9.000 -999. 132. 23.1 0.0380 0.83 1.00 2.20 334.0 10.0 283.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 9 18 261 4 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.83 1.00 1.69 340.0 10.0 283.8 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 9 18 261 5 -8.5 0.121 -9.000 -9.000 -999. 102. 19.0 0.0380 0.83 1.00 1.87 335.0 10.0 283.8 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 9 18 261 6 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.83 1.00 1.76 340.0 10.0 283.8 2.0 0
0.00 89. 1010. 7 ADJ-A1 NoSubs
18 9 18 261 7 -1.6 0.060 -9.000 -9.000 -999. 36. 11.7 0.0330 0.83 0.46 0.91 324.0 10.0 284.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 9 18 261 8 9.2 0.094 0.468 0.007 399. 69. -8.2 0.0340 0.83 0.26 1.06 123.0 10.0 285.9 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 9 18 261 9 24.2 0.120 0.679 0.011 466. 99. -6.4 0.0290 0.83 0.20 1.35 73.0 10.0 287.0 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
18 9 18 261 10 36.1 0.142 0.821 0.024 551. 128. -7.1 0.0340 0.83 0.18 1.57 120.0 10.0 288.1 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
18 9 18 261 11 185.2 0.222 1.581 0.026 769. 250. -5.3 0.0230 0.83 0.17 2.57 188.0 10.0 290.9 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 9 18 261 12 201.5 0.337 1.650 0.024 803. 470. -17.1 0.0380 0.83 0.17 3.98 219.0 10.0 290.9 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 9 18 261 13 202.0 0.334 1.725 0.024 915. 463. -16.6 0.0380 0.83 0.17 3.93 217.0 10.0 291.4 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 9 18 261 14 186.2 0.324 1.699 0.022 948. 443. -16.4 0.0380 0.83 0.17 3.81 214.0 10.0 291.4 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
18 9 18 261 15 154.7 0.326 1.604 0.021 959. 447. -20.2 0.0380 0.83 0.18 3.91 213.0 10.0 291.4 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
18 9 18 261 16 108.4 0.270 1.428 0.020 966. 338. -16.3 0.0230 0.83 0.20 3.51 185.0 10.0 290.9 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
18 9 18 261 17 49.3 0.302 1.099 0.019 968. 398. -50.1 0.0370 0.83 0.25 3.88 155.0 10.0 288.1 2.0 0

0.00 77. 1007. 0 ADJ-A1 NoSubs
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0.00 86. 1007. 0 ADJ-A1 NoSubs
18 9 18 261 19 -24.2 0.246 -9.000 -9.000 -999. 293. 66.4 0.0340 0.83 1.00 3.69 130.0 10.0 285.9 2.0 0
0.00 89. 1007. 7 ADJ-A1 NoSubs
18 9 18 261 20 -19.6 0.199 -9.000 -9.000 -999. 213. 43.5 0.0300 0.83 1.00 3.08 107.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 18 261 21 -9.9 0.130 -9.000 -9.000 -999. 114. 20.2 0.0300 0.83 1.00 2.08 103.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 18 261 22 -8.0 0.117 -9.000 -9.000 -999. 96. 17.9 0.0290 0.83 1.00 1.89 79.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 18 261 23 -4.3 0.086 -9.000 -9.000 -999. 61. 13.2 0.0330 0.83 1.00 1.37 59.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 18 261 24 -3.8 0.080 -9.000 -9.000 -999. 55. 12.4 0.0310 0.83 1.00 1.28 29.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 19 262 1 -3.1 0.074 -9.000 -9.000 -999. 49. 11.8 0.0330 0.83 1.00 1.14 38.0 10.0 284.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 19 262 2 -5.0 0.092 -9.000 -9.000 -999. 67. 13.8 0.0260 0.83 1.00 1.53 275.0 10.0 284.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 19 262 3 -2.7 0.070 -9.000 -9.000 -999. 44. 11.3 0.0290 0.83 1.00 1.06 261.0 10.0 284.2 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 19 262 4 -3.2 0.075 -9.000 -9.000 -999. 50. 11.8 0.0310 0.83 1.00 1.18 27.0 10.0 284.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 19 262 5 -7.7 0.115 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.82 41.0 10.0 284.2 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 19 262 6 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.83 1.00 1.74 46.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 19 262 7 -6.7 0.118 -9.000 -9.000 -999. 97. 22.3 0.0310 0.83 0.46 1.86 26.0 10.0 284.2 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 19 262 8 8.5 0.127 0.369 0.024 211. 109. -21.7 0.0310 0.83 0.26 1.60 6.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 19 262 9 23.3 0.110 0.602 0.027 337. 88. -5.2 0.0330 0.83 0.20 1.18 35.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 19 262 10 35.4 0.118 0.698 0.026 346. 98. -4.2 0.0330 0.83 0.18 1.23 303.0 10.0 286.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
18 9 19 262 11 183.9 0.160 1.260 0.022 391. 154. -2.0 0.0300 0.83 0.17 1.52 108.0 10.0 290.4 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
18 9 19 262 12 200.8 0.215 1.344 0.019 435. 240. -4.5 0.0370 0.83 0.17 2.19 160.0 10.0 292.0 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
18 9 19 262 13 201.5 0.348 1.386 0.014 475. 492. -18.7 0.0380 0.83 0.17 4.14 214.0 10.0 293.1 2.0 0
0.00 58. 1006. 0 ADJ-A1 NoSubs
18 9 19 262 14 185.6 0.322 1.389 0.012 518. 439. -16.1 0.0380 0.83 0.17 3.78 227.0 10.0 293.1 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
18 9 19 262 15 154.0 0.326 1.346 0.011 568. 446. -20.1 0.0380 0.83 0.18 3.90 217.0 10.0 293.1 2.0 0
0.00 56. 1005. 0 ADJ-A1 Sub_CC
18 9 19 262 16 107.5 0.235 1.216 0.009 600. 278. -10.9 0.0230 0.83 0.20 2.95 180.0 10.0 292.5 2.0 0
0.00 60. 1005. 0 ADJ-A1 NoSubs
18 9 19 262 17 48.4 0.271 0.938 0.009 612. 338. -36.8 0.0370 0.83 0.26 3.42 174.0 10.0 290.4 2.0 0
0.00 69. 1004. 0 ADJ-A1 NoSubs
18 9 19 262 18 -7.9 0.170 -9.000 -9.000 -999. 173. 55.6 0.0230 0.83 0.46 2.73 186.0 10.0 288.1 2.0 0
0.00 77. 1004. 0 ADJ-A1 NoSubs
18 9 19 262 19 -11.1 0.137 -9.000 -9.000 -999. 123. 21.0 0.0230 0.83 1.00 2.28 203.0 10.0 286.4 2.0 0
0.00 83. 1004. 0 ADJ-A1 NoSubs
18 9 19 262 20 -3.3 0.075 -9.000 -9.000 -999. 51. 11.8 0.0290 0.83 1.00 1.20 261.0 10.0 286.4 2.0 0

0.00 86. 1005. 0 ADJ-A1 NoSubs
18 9 19 262 21 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.83 1.00 1.26 308.0 10.0 285.9 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
18 9 19 262 22 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.83 1.00 1.47 334.0 10.0 284.2 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
18 9 19 262 23 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.54 345.0 10.0 284.9 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
18 9 19 262 24 -6.1 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.83 1.00 1.60 340.0 10.0 284.2 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
18 9 20 263 1 -4.6 0.089 -9.000 -9.000 -999. 63. 13.8 0.0380 0.83 1.00 1.38 336.0 10.0 284.2 2.0 0
0.00 86. 1004. 0 ADJ-A1 NoSubs
18 9 20 263 2 -3.3 0.077 -9.000 -9.000 -999. 51. 12.2 0.0380 0.83 1.00 1.16 332.0 10.0 283.8 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
18 9 20 263 3 -6.1 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.83 1.00 1.60 330.0 10.0 283.8 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
18 9 20 263 4 -2.9 0.073 -9.000 -9.000 -999. 48. 11.9 0.0380 0.83 1.00 1.08 331.0 10.0 283.1 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
18 9 20 263 5 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.83 1.00 1.47 337.0 10.0 283.1 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
18 9 20 263 6 -4.7 0.090 -9.000 -9.000 -999. 65. 13.9 0.0380 0.83 1.00 1.40 341.0 10.0 281.4 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
18 9 20 263 7 -4.5 0.103 -9.000 -9.000 -999. 79. 21.9 0.0380 0.83 0.47 1.57 344.0 10.0 285.4 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
18 9 20 263 8 45.7 0.113 0.579 0.021 152. 91. -2.8 0.0310 0.83 0.26 1.13 15.0 10.0 289.2 2.0 0
0.00 66. 1006. 0 ADJ-A1 NoSubs
18 9 20 263 9 105.9 0.148 0.896 0.017 244. 136. -2.7 0.0340 0.83 0.20 1.43 148.0 10.0 293.8 2.0 0
0.00 48. 1006. 0 ADJ-A1 NoSubs
18 9 20 263 10 154.2 0.178 1.114 0.014 322. 180. -3.3 0.0340 0.83 0.18 1.77 136.0 10.0 297.5 2.0 0
0.00 38. 1006. 0 ADJ-A1 NoSubs
18 9 20 263 11 188.4 0.176 1.245 0.010 368. 177. -2.6 0.0370 0.83 0.17 1.65 172.0 10.0 301.4 2.0 0
0.00 25. 1006. 0 ADJ-A1 NoSubs
18 9 20 263 12 204.9 0.283 1.353 0.007 434. 361. -9.9 0.0290 0.83 0.17 3.35 248.0 10.0 302.0 2.0 0
0.00 24. 1005. 0 ADJ-A1 NoSubs
18 9 20 263 13 204.6 0.343 1.612 0.006 735. 483. -17.7 0.0260 0.83 0.17 4.39 271.0 10.0 301.4 2.0 0
0.00 25. 1005. 0 ADJ-A1 NoSubs
18 9 20 263 14 189.7 0.344 1.643 0.005 839. 484. -19.2 0.0290 0.83 0.17 4.34 268.0 10.0 303.1 2.0 0
0.00 20. 1004. 0 ADJ-A1 NoSubs
18 9 20 263 15 157.5 0.355 1.583 0.005 903. 508. -25.5 0.0290 0.83 0.18 4.58 255.0 10.0 302.5 2.0 0
0.00 19. 1004. 0 ADJ-A1 NoSubs
18 9 20 263 16 110.5 0.277 1.428 0.005 944. 353. -17.2 0.0380 0.83 0.20 3.27 228.0 10.0 301.4 2.0 0
0.00 21. 1004. 0 ADJ-A1 NoSubs
18 9 20 263 17 47.1 0.348 1.075 0.005 945. 492. -79.9 0.0370 0.83 0.26 4.58 179.0 10.0 291.4 2.0 0
0.00 65. 1004. 0 ADJ-A1 NoSubs
18 9 20 263 18 -14.7 0.283 -9.000 -9.000 -999. 364. 138.8 0.0230 0.83 0.46 4.46 195.0 10.0 287.0 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
18 9 20 263 19 -20.1 0.205 -9.000 -9.000 -999. 224. 46.0 0.0370 0.83 1.00 3.05 169.0 10.0 286.4 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 20 263 20 -11.8 0.144 -9.000 -9.000 -999. 132. 22.8 0.0340 0.83 1.00 2.23 147.0 10.0 285.9 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 20 263 21 -5.0 0.092 -9.000 -9.000 -999. 67. 13.9 0.0290 0.83 1.00 1.50 71.0 10.0 285.9 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 9 20 263 22 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.11 350.0 10.0 285.4 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 20 263 23 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0330 0.83 1.00 1.47 328.0 10.0 284.2 2.0 0

0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 20 263 24 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0310 0.83 1.00 1.25 4.0 10.0 284.9 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 21 264 1 -3.2 0.074 -9.000 -9.000 -999. 49. 11.7 0.0310 0.83 1.00 1.16 24.0 10.0 284.2 2.0 0
0.00 82. 1006. 0 ADJ-A1 NoSubs
18 9 21 264 2 -14.7 0.161 -9.000 -9.000 -999. 156. 28.6 0.0330 0.83 1.00 2.49 325.0 10.0 285.9 2.0 0
0.00 61. 1006. 0 ADJ-A1 NoSubs
18 9 21 264 3 -5.9 0.101 -9.000 -9.000 -999. 78. 15.6 0.0380 0.83 1.00 1.57 358.0 10.0 284.2 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
18 9 21 264 4 -9.5 0.127 -9.000 -9.000 -999. 109. 19.4 0.0260 0.83 1.00 2.08 289.0 10.0 285.4 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
18 9 21 264 5 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.83 1.00 1.37 340.0 10.0 283.8 2.0 0
0.00 68. 1008. 0 ADJ-A1 NoSubs
18 9 21 264 6 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.83 1.00 1.69 309.0 10.0 284.2 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
18 9 21 264 7 -9.4 0.169 -9.000 -9.000 -999. 167. 46.3 0.0260 0.83 0.47 2.67 276.0 10.0 287.0 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 9 21 264 8 8.7 0.282 0.209 0.008 38. 360. -233.3 0.0260 0.83 0.26 4.10 278.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 9 21 264 9 23.8 0.302 0.372 0.006 78. 398. -104.3 0.0260 0.83 0.20 4.29 280.0 10.0 288.1 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 9 21 264 10 153.8 0.358 1.020 0.005 249. 514. -26.9 0.0260 0.83 0.18 4.73 270.0 10.0 289.2 2.0 0
0.00 77. 1011. 3 ADJ-A1 NoSubs
18 9 21 264 11 181.8 0.403 1.191 0.005 335. 614. -32.5 0.0290 0.83 0.17 5.29 262.0 10.0 290.4 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
18 9 21 264 12 197.9 0.412 1.331 0.005 430. 633. -31.7 0.0290 0.83 0.17 5.39 264.0 10.0 290.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
18 9 21 264 13 198.1 0.403 1.465 0.005 572. 614. -29.7 0.0260 0.83 0.17 5.36 271.0 10.0 290.9 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
18 9 21 264 14 149.6 0.414 1.554 0.005 906. 640. -42.8 0.0290 0.83 0.17 5.53 262.0 10.0 290.4 2.0 0
0.00 77. 1010. 7 ADJ-A1 NoSubs
18 9 21 264 15 35.7 0.335 0.978 0.005 943. 469. -94.7 0.0290 0.83 0.18 4.65 252.0 10.0 289.2 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 9 21 264 16 88.2 0.280 1.364 0.005 1037. 356. -22.3 0.0290 0.83 0.20 3.57 269.0 10.0 288.8 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
18 9 21 264 17 44.2 0.241 1.099 0.005 1080. 284. -28.4 0.0290 0.83 0.26 3.13 254.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 9 21 264 18 -12.6 0.184 -9.000 -9.000 -999. 191. 44.8 0.0290 0.83 0.47 2.86 253.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 9 21 264 19 -11.7 0.143 -9.000 -9.000 -999. 130. 22.4 0.0290 0.83 1.00 2.27 265.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 9 21 264 20 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0260 0.83 1.00 1.43 291.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 9 21 264 21 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.83 1.00 1.14 302.0 10.0 285.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 9 21 264 22 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0260 0.83 1.00 1.08 285.0 10.0 285.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 9 21 264 23 -2.2 0.065 -9.000 -9.000 -999. 40. 11.5 0.0310 0.83 1.00 0.91 8.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 9 21 264 24 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.83 1.00 1.09 300.0 10.0 286.1 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
18 9 22 265 1 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0370 0.83 1.00 1.14 159.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 22 265 2 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0310 0.83 1.00 1.03 3.0 10.0 285.4 2.0 0

0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 22 265 3 -2.4 0.067 -9.000 -9.000 -999. 42. 11.3 0.0300 0.83 1.00 0.99 92.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 22 265 4 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0290 0.83 1.00 1.35 262.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 22 265 5 -3.0 0.072 -9.000 -9.000 -999. 47. 11.2 0.0230 0.83 1.00 1.18 205.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 22 265 6 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0370 0.83 1.00 1.14 178.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 22 265 7 -2.7 0.073 -9.000 -9.000 -999. 48. 13.2 0.0310 0.83 0.48 1.18 16.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 22 265 8 8.1 0.112 0.337 0.030 169. 90. -15.6 0.0310 0.83 0.26 1.37 17.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 22 265 9 22.9 0.095 0.557 0.033 272. 70. -3.4 0.0310 0.83 0.20 0.97 25.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 9 22 265 10 123.5 0.164 1.088 0.031 376. 160. -3.2 0.0380 0.83 0.18 1.59 229.0 10.0 288.8 2.0 0
0.00 79. 1010. 7 ADJ-A1 NoSubs
18 9 22 265 11 181.1 0.230 1.264 0.028 402. 265. -6.1 0.0230 0.83 0.17 2.71 201.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 9 22 265 12 197.1 0.345 1.315 0.013 416. 485. -18.7 0.0380 0.83 0.17 4.10 231.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 9 22 265 13 197.0 0.308 1.328 0.020 428. 410. -13.3 0.0290 0.83 0.17 3.75 240.0 10.0 291.4 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 9 22 265 14 179.8 0.371 1.299 0.012 439. 541. -25.5 0.0380 0.83 0.17 4.53 235.0 10.0 288.8 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
18 9 22 265 15 147.9 0.325 1.233 0.015 456. 445. -20.8 0.0380 0.83 0.18 3.90 227.0 10.0 289.2 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
18 9 22 265 16 105.7 0.333 1.120 0.013 478. 462. -31.5 0.0380 0.83 0.20 4.14 232.0 10.0 287.5 2.0 0
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0.00 86. 1008. 7 ADJ-A1 NoSubs
18 9 22 265 18 -10.5 0.148 -9.000 -9.000 -999. 144. 27.8 0.0380 0.83 0.48 2.22 216.0 10.0 285.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 22 265 19 -4.5 0.087 -9.000 -9.000 -999. 63. 13.2 0.0290 0.83 1.00 1.42 258.0 10.0 285.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 22 265 20 -3.5 0.077 -9.000 -9.000 -999. 52. 12.0 0.0300 0.83 1.00 1.23 105.0 10.0 285.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 22 265 21 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0300 0.83 1.00 1.04 98.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 9 22 265 22 -2.6 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.83 1.00 1.01 331.0 10.0 285.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 22 265 23 -2.1 0.065 -9.000 -9.000 -999. 40. 11.7 0.0330 0.83 1.00 0.89 45.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 22 265 24 -2.2 0.066 -9.000 -9.000 -999. 40. 11.6 0.0330 0.83 1.00 0.91 47.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 23 266 1 -1.9 0.062 -9.000 -9.000 -999. 37. 11.8 0.0290 0.83 1.00 0.82 248.0 10.0 284.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 23 266 2 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.83 1.00 1.26 319.0 10.0 284.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 23 266 3 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0330 0.83 1.00 1.18 316.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 23 266 4 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.83 1.00 1.06 343.0 10.0 283.8 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 23 266 5 -2.8 0.071 -9.000 -9.000 -999. 45. 11.5 0.0310 0.83 1.00 1.08 3.0 10.0 283.8 2.0 0

0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 23 266 6 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.83 1.00 0.97 8.0 10.0 283.1 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 23 266 7 -2.2 0.065 -9.000 -9.000 -999. 40. 11.6 0.0260 0.83 0.48 1.06 294.0 10.0 283.1 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 23 266 8 7.5 0.113 0.258 0.024 83. 91. -17.2 0.0330 0.83 0.27 1.37 35.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 23 266 9 22.2 0.104 0.469 0.024 167. 81. -4.6 0.0260 0.83 0.20 1.16 282.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 23 266 10 147.5 0.174 1.070 0.023 299. 174. -3.2 0.0370 0.83 0.18 1.69 169.0 10.0 289.2 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
18 9 23 266 11 180.0 0.227 1.196 0.019 342. 260. -5.9 0.0370 0.83 0.18 2.40 170.0 10.0 291.4 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
18 9 23 266 12 196.2 0.282 1.270 0.015 375. 359. -10.3 0.0230 0.83 0.17 3.51 185.0 10.0 292.0 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
18 9 23 266 13 196.7 0.309 1.322 0.012 422. 412. -13.5 0.0230 0.83 0.17 3.95 186.0 10.0 293.8 2.0 0
0.00 53. 1007. 0 ADJ-A1 NoSubs
18 9 23 266 14 179.8 0.322 1.368 0.010 511. 438. -16.6 0.0230 0.83 0.18 4.19 201.0 10.0 292.5 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 15 147.2 0.307 1.370 0.009 627. 409. -17.7 0.0370 0.83 0.18 3.66 177.0 10.0 291.4 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 16 100.1 0.335 1.246 0.008 693. 465. -33.6 0.0370 0.83 0.20 4.20 163.0 10.0 290.4 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 17 41.2 0.308 0.937 0.008 717. 412. -63.9 0.0370 0.83 0.27 4.02 158.0 10.0 289.2 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 18 -16.9 0.268 -9.000 -9.000 -999. 333. 101.8 0.0370 0.83 0.49 3.91 161.0 10.0 287.5 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 19 -21.4 0.218 -9.000 -9.000 -999. 245. 52.3 0.0340 0.83 1.00 3.29 137.0 10.0 286.4 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 20 -13.3 0.152 -9.000 -9.000 -999. 144. 25.5 0.0300 0.83 1.00 2.40 115.0 10.0 285.9 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 21 -6.9 0.108 -9.000 -9.000 -999. 86. 16.5 0.0290 0.83 1.00 1.76 71.0 10.0 285.4 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 22 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.83 1.00 1.77 36.0 10.0 284.9 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 23 -4.1 0.084 -9.000 -9.000 -999. 59. 12.9 0.0310 0.83 1.00 1.35 1.0 10.0 284.2 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 23 266 24 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.83 1.00 1.76 339.0 10.0 283.8 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 24 267 1 -8.8 0.123 -9.000 -9.000 -999. 104. 19.0 0.0330 0.83 1.00 1.94 322.0 10.0 283.1 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 24 267 2 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0290 0.83 1.00 1.26 245.0 10.0 282.0 2.0 0
0.00 100. 1006. 5 ADJ-A1 NoSubs
18 9 24 267 3 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0380 0.83 1.00 1.09 233.0 10.0 283.8 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 9 24 267 4 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.11 351.0 10.0 283.1 2.0 0
0.00 100. 1005. 10 ADJ-A1 NoSubs
18 9 24 267 5 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.83 1.00 1.37 18.0 10.0 283.1 2.0 0
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18 9 24 267 6 -4.0 0.082 -9.000 -9.000 -999. 56. 12.5 0.0290 0.83 1.00 1.33 72.0 10.0 283.1 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 9 24 267 7 -3.0 0.077 -9.000 -9.000 -999. 51. 13.3 0.0290 0.83 0.49 1.25 80.0 10.0 283.1 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
18 9 24 267 8 7.1 0.088 0.303 0.028 141. 62. -8.5 0.0310 0.83 0.27 1.01 18.0 10.0 283.1 2.0 0

0.00 100. 1006. 10 ADJ-A1 NoSubs
18 9 24 267 9 21.8 0.105 0.471 0.028 172. 82. -4.8 0.0380 0.83 0.20 1.08 213.0 10.0 283.8 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 24 267 10 146.3 0.183 1.078 0.025 308. 188. -3.8 0.0370 0.83 0.18 1.82 178.0 10.0 288.8 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
18 9 24 267 11 178.5 0.238 1.206 0.022 353. 279. -6.8 0.0230 0.83 0.18 2.84 183.0 10.0 290.4 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
18 9 24 267 12 194.3 0.323 1.279 0.013 387. 441. -15.6 0.0230 0.83 0.17 4.19 205.0 10.0 290.4 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
18 9 24 267 13 193.8 0.372 1.311 0.009 418. 545. -23.9 0.0380 0.83 0.17 4.53 218.0 10.0 289.9 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
18 9 24 267 14 177.3 0.333 1.323 0.012 469. 463. -18.8 0.0380 0.83 0.18 3.97 223.0 10.0 289.9 2.0 0
0.00 66. 1006. 0 ADJ-A1 NoSubs
18 9 24 267 15 144.9 0.353 1.295 0.010 538. 504. -27.3 0.0380 0.83 0.18 4.34 228.0 10.0 289.2 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
18 9 24 267 16 97.7 0.331 1.163 0.008 579. 456. -33.2 0.0380 0.83 0.20 4.12 238.0 10.0 288.1 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
18 9 24 267 17 38.9 0.247 0.864 0.008 594. 297. -34.6 0.0290 0.83 0.27 3.25 252.0 10.0 287.5 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
18 9 24 267 18 -9.5 0.142 -9.000 -9.000 -999. 134. 26.9 0.0290 0.83 0.50 2.23 258.0 10.0 285.4 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
18 9 24 267 19 -4.9 0.091 -9.000 -9.000 -999. 66. 13.7 0.0290 0.83 1.00 1.48 240.0 10.0 284.9 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
18 9 24 267 20 -6.6 0.106 -9.000 -9.000 -999. 82. 16.0 0.0290 0.83 1.00 1.72 259.0 10.0 284.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 24 267 21 -4.4 0.085 -9.000 -9.000 -999. 60. 12.9 0.0260 0.83 1.00 1.42 293.0 10.0 285.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 24 267 22 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.83 1.00 1.50 349.0 10.0 285.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
18 9 24 267 23 -8.2 0.119 -9.000 -9.000 -999. 99. 18.7 0.0380 0.83 1.00 1.84 360.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 9 24 267 24 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.83 1.00 1.69 360.0 10.0 284.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
18 9 25 268 1 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0310 0.83 1.00 1.47 7.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 25 268 2 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0310 0.83 1.00 1.50 24.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 25 268 3 -6.3 0.104 -9.000 -9.000 -999. 80. 15.8 0.0310 0.83 1.00 1.67 29.0 10.0 283.8 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 25 268 4 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.83 1.00 1.35 35.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
18 9 25 268 5 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0310 0.83 1.00 1.03 23.0 10.0 284.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 25 268 6 -3.8 0.080 -9.000 -9.000 -999. 55. 12.4 0.0310 0.83 1.00 1.28 24.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 25 268 7 -3.5 0.082 -9.000 -9.000 -999. 56. 14.2 0.0330 0.83 0.49 1.31 50.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 9 25 268 8 7.0 0.108 0.297 0.033 134. 86. -16.4 0.0290 0.83 0.27 1.35 85.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 25 268 9 21.5 0.094 0.495 0.034 202. 69. -3.5 0.0300 0.83 0.20 0.97 95.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 25 268 10 145.2 0.148 1.030 0.030 271. 137. -2.0 0.0340 0.83 0.18 1.37 122.0 10.0 288.8 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
18 9 25 268 11 177.6 0.270 1.226 0.027 374. 336. -10.0 0.0230 0.83 0.18 3.35 204.0 10.0 290.9 2.0 0

0.00 64. 1009. 0 ADJ-A1 NoSubs
18 9 25 268 12 192.9 0.364 1.313 0.016 423. 528. -22.6 0.0380 0.83 0.17 4.41 228.0 10.0 289.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 9 25 268 13 192.7 0.361 1.388 0.018 500. 520. -22.0 0.0380 0.83 0.17 4.36 239.0 10.0 290.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 9 25 268 14 175.9 0.333 1.365 0.017 521. 461. -18.8 0.0290 0.83 0.18 4.19 253.0 10.0 289.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 9 25 268 15 143.3 0.325 1.285 0.015 533. 445. -21.6 0.0290 0.83 0.18 4.14 248.0 10.0 289.2 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
18 9 25 268 16 96.4 0.284 1.131 0.014 540. 364. -21.3 0.0290 0.83 0.20 3.61 243.0 10.0 289.2 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
18 9 25 268 17 37.2 0.252 0.825 0.013 543. 305. -38.8 0.0290 0.83 0.28 3.35 258.0 10.0 287.5 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 9 25 268 18 -10.5 0.148 -9.000 -9.000 -999. 142. 27.9 0.0290 0.83 0.51 2.33 264.0 10.0 285.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 9 25 268 19 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0290 0.83 1.00 1.74 245.0 10.0 284.2 2.0 0
0.00 96. 1009. 3 ADJ-A1 NoSubs
18 9 25 268 20 -7.6 0.113 -9.000 -9.000 -999. 92. 17.3 0.0290 0.83 1.00 1.84 263.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 25 268 21 -3.2 0.075 -9.000 -9.000 -999. 49. 11.7 0.0290 0.83 1.00 1.18 256.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 25 268 22 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.83 1.00 1.28 326.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 25 268 23 -1.6 0.061 -9.000 -9.000 -999. 36. 12.3 0.0290 0.83 1.00 0.74 263.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 25 268 24 -2.7 0.070 -9.000 -9.000 -999. 45. 11.6 0.0330 0.83 1.00 1.04 47.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 26 269 1 -3.1 0.074 -9.000 -9.000 -999. 48. 11.6 0.0290 0.83 1.00 1.16 86.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 2 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.83 1.00 1.03 348.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 26 269 3 -2.1 0.065 -9.000 -9.000 -999. 40. 11.7 0.0330 0.83 1.00 0.89 314.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 26 269 4 -2.4 0.067 -9.000 -9.000 -999. 42. 11.1 0.0260 0.83 1.00 1.01 280.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 26 269 5 -4.3 0.086 -9.000 -9.000 -999. 61. 13.2 0.0330 0.83 1.00 1.37 326.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 9 26 269 6 -8.0 0.118 -9.000 -9.000 -999. 97. 18.4 0.0380 0.83 1.00 1.82 344.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 7 -5.5 0.104 -9.000 -9.000 -999. 80. 18.2 0.0380 0.83 0.50 1.60 351.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 8 6.7 0.086 0.250 0.037 83. 61. -8.5 0.0260 0.83 0.27 1.03 292.0 10.0 283.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 9 26 269 9 21.7 0.103 0.459 0.038 160. 80. -4.6 0.0230 0.83 0.20 1.18 195.0 10.0 285.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
18 9 26 269 10 144.5 0.156 0.986 0.033 239. 147. -2.3 0.0340 0.83 0.18 1.47 146.0 10.0 289.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
18 9 26 269 11 178.1 0.179 1.188 0.030 339. 182. -2.9 0.0370 0.83 0.18 1.72 159.0 10.0 294.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 9 26 269 12 194.5 0.241 1.269 0.026 378. 284. -6.5 0.0380 0.83 0.17 2.57 238.0 10.0 296.4 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
18 9 26 269 13 192.7 0.371 1.301 0.012 412. 542. -23.8 0.0380 0.83 0.17 4.51 234.0 10.0 293.8 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
18 9 26 269 14 174.7 0.406 1.286 0.007 439. 620. -34.4 0.0380 0.83 0.18 5.07 216.0 10.0 290.4 2.0 0

0.00 72. 1009. 0 ADJ-A1 NoSubs
18 9 26 269 15 140.3 0.366 1.215 0.013 461. 532. -31.4 0.0380 0.83 0.18 4.54 235.0 10.0 288.8 2.0 0
0.00 79. 1010. 5 ADJ-A1 NoSubs
18 9 26 269 16 21.3 0.286 0.651 0.018 464. 371. -98.9 0.0290 0.83 0.21 3.98 249.0 10.0 287.0 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 17 6.5 0.251 0.438 0.018 465. 303. -219.9 0.0290 0.83 0.28 3.58 256.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 18 -13.9 0.172 -9.000 -9.000 -999. 174. 33.0 0.0290 0.83 0.52 2.69 248.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 19 -4.4 0.085 -9.000 -9.000 -999. 63. 12.9 0.0260 0.83 1.00 1.42 275.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 20 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0380 0.83 1.00 1.62 235.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 21 -3.4 0.077 -9.000 -9.000 -999. 51. 11.9 0.0290 0.83 1.00 1.23 240.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 22 -2.7 0.069 -9.000 -9.000 -999. 44. 11.0 0.0230 0.83 1.00 1.11 206.0 10.0 285.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 9 26 269 23 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0370 0.83 1.00 1.14 174.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 9 26 269 24 -3.9 0.082 -9.000 -9.000 -999. 56. 12.7 0.0330 0.83 1.00 1.30 43.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
18 9 27 270 1 -4.2 0.085 -9.000 -9.000 -999. 59. 12.9 0.0290 0.83 1.00 1.38 67.0 10.0 285.9 2.0 0
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18 9 27 270 2 -4.0 0.082 -9.000 -9.000 -999. 57. 12.6 0.0300 0.83 1.00 1.33 103.0 10.0 285.4 2.0 0
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18 9 27 270 3 -2.0 0.063 -9.000 -9.000 -999. 38. 11.1 0.0230 0.83 1.00 0.89 202.0 10.0 284.9 2.0 0
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18 9 27 270 5 -4.1 0.083 -9.000 -9.000 -999. 58. 12.6 0.0260 0.83 1.00 1.38 285.0 10.0 284.9 2.0 0
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18 9 27 270 8 6.8 0.104 0.328 0.041 187. 80. -14.8 0.0380 0.83 0.27 1.21 210.0 10.0 284.9 2.0 0
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18 9 27 270 9 21.6 0.120 0.494 0.041 201. 100. -7.3 0.0380 0.83 0.20 1.30 216.0 10.0 285.9 2.0 0
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18 9 27 270 12 185.4 0.311 1.187 0.027 325. 415. -14.5 0.0380 0.83 0.17 3.61 218.0 10.0 289.2 2.0 0
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18 9 27 270 22 -2.8 0.071 -9.000 -9.000 -999. 45. 11.4 0.0300 0.83 1.00 1.08 119.0 10.0 285.9 2.0 0
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18 9 28 271 4 -5.1 0.093 -9.000 -9.000 -999. 68. 14.3 0.0340 0.83 1.00 1.48 130.0 10.0 285.4 2.0 0
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18 9 28 271 5 -5.2 0.094 -9.000 -9.000 -999. 69. 14.2 0.0300 0.83 1.00 1.52 105.0 10.0 285.4 2.0 0
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18 9 28 271 8 6.7 0.117 0.381 0.033 298. 97. -21.8 0.0380 0.83 0.28 1.42 215.0 10.0 285.4 2.0 0
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18 9 28 271 9 21.5 0.122 0.619 0.039 397. 103. -7.6 0.0230 0.83 0.20 1.48 207.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 9 28 271 10 33.0 0.137 0.779 0.040 514. 122. -7.1 0.0380 0.83 0.18 1.48 236.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
18 9 28 271 11 41.0 0.192 0.868 0.040 573. 202. -15.5 0.0380 0.83 0.18 2.25 221.0 10.0 287.0 2.0 0
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18 9 28 271 12 45.2 0.232 0.901 0.039 580. 268. -24.8 0.0380 0.83 0.17 2.83 232.0 10.0 288.1 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
18 9 28 271 13 45.3 0.228 0.904 0.039 586. 261. -23.4 0.0260 0.83 0.17 2.98 274.0 10.0 288.8 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
18 9 28 271 14 41.4 0.270 0.881 0.038 592. 337. -42.8 0.0290 0.83 0.18 3.61 266.0 10.0 289.9 2.0 0
0.00 72. 1006. 10 ADJ-A1 NoSubs
18 9 28 271 15 116.9 0.267 1.250 0.037 600. 331. -14.6 0.0290 0.83 0.18 3.28 264.0 10.0 291.4 2.0 0
0.00 65. 1006. 7 ADJ-A1 NoSubs
18 9 28 271 16 91.8 0.329 1.157 0.035 606. 453. -34.9 0.0290 0.83 0.21 4.34 254.0 10.0 290.4 2.0 0
0.00 72. 1005. 0 ADJ-A1 NoSubs
18 9 28 271 17 32.5 0.295 0.820 0.035 607. 386. -71.0 0.0290 0.83 0.29 4.05 244.0 10.0 288.8 2.0 0
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18 9 28 271 18 -17.7 0.224 -9.000 -9.000 -999. 257. 57.2 0.0290 0.83 0.55 3.46 260.0 10.0 287.0 2.0 0
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18 9 28 271 19 -2.7 0.071 -9.000 -9.000 -999. 74. 11.8 0.0380 0.83 1.00 1.03 223.0 10.0 286.4 2.0 0
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18 9 28 271 20 -2.1 0.065 -9.000 -9.000 -999. 39. 11.4 0.0290 0.83 1.00 0.91 75.0 10.0 286.4 2.0 0

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18 9 28 271 21 -2.3 0.066 -9.000 -9.000 -999. 41. 11.3 0.0290 0.83 1.00 0.96 269.0 10.0 285.4 2.0 0
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18 9 28 271 23 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.83 1.00 1.25 210.0 10.0 286.4 2.0 0
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18 9 29 272 2 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0380 0.83 1.00 1.42 330.0 10.0 285.4 2.0 0
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18 9 29 272 3 -7.5 0.114 -9.000 -9.000 -999. 93. 17.8 0.0380 0.83 1.00 1.77 340.0 10.0 284.9 2.0 0
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18 9 29 272 9 82.5 0.134 1.293 0.005 944. 118. -2.6 0.0330 0.83 0.21 1.30 321.0 10.0 290.4 2.0 0
0.00 67. 1008. 7 ADJ-A1 NoSubs
18 9 29 272 10 142.0 0.175 1.633 0.013 1104. 175. -3.4 0.0230 0.83 0.18 1.91 180.0 10.0 292.0 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
18 9 29 272 11 170.5 0.230 1.791 0.017 1213. 264. -6.4 0.0230 0.83 0.18 2.72 189.0 10.0 293.8 2.0 0
0.00 53. 1008. 5 ADJ-A1 NoSubs
18 9 29 272 12 189.7 0.270 1.878 0.017 1256. 337. -9.4 0.0290 0.83 0.17 3.18 244.0 10.0 294.2 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
18 9 29 272 13 188.4 0.449 1.918 0.016 1349. 721. -43.0 0.0290 0.83 0.17 5.99 261.0 10.0 293.1 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
18 9 29 272 14 171.4 0.391 1.912 0.018 1468. 589. -31.2 0.0290 0.83 0.18 5.11 257.0 10.0 293.1 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
18 9 29 272 15 138.6 0.405 1.786 0.017 1479. 619. -43.1 0.0290 0.83 0.18 5.41 254.0 10.0 293.1 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
18 9 29 272 16 90.8 0.380 1.554 0.017 1487. 563. -54.3 0.0290 0.83 0.21 5.14 245.0 10.0 292.0 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
18 9 29 272 17 31.4 0.317 1.092 0.017 1489. 430. -90.9 0.0290 0.83 0.29 4.39 253.0 10.0 290.4 2.0 0
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18 9 29 272 18 -14.7 0.214 -9.000 -9.000 -999. 243. 59.8 0.0290 0.83 0.56 3.30 264.0 10.0 289.2 2.0 0
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18 9 30 273 3 -2.8 0.071 -9.000 -9.000 -999. 45. 11.4 0.0290 0.83 1.00 1.09 71.0 10.0 288.8 2.0 0
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18 9 30 273 6 -6.5 0.106 -9.000 -9.000 -999. 83. 16.6 0.0380 0.83 1.00 1.65 335.0 10.0 287.5 2.0 0
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18 10 1 274 1 -3.8 0.081 -9.000 -9.000 -999. 55. 12.5 0.0290 0.83 1.00 1.31 63.0 10.0 288.8 2.0 0
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18 10 1 274 2 -3.5 0.079 -9.000 -9.000 -999. 53. 12.6 0.0380 0.83 1.00 1.21 357.0 10.0 288.1 2.0 0

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0.00 86. 1007. 10 ADJ-A1 NoSubs
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0.00 72. 1007. 0 ADJ-A1 NoSubs
18 10 1 274 10 141.0 0.160 1.224 0.005 467. 153. -2.6 0.0370 0.83 0.18 1.50 158.0 10.0 294.9 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
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0.00 42. 1006. 0 ADJ-A1 NoSubs
18 10 1 274 12 189.4 0.166 1.739 0.006 996. 163. -2.2 0.0340 0.83 0.17 1.55 140.0 10.0 298.8 2.0 0
0.00 35. 1005. 0 ADJ-A1 NoSubs
18 10 1 274 13 189.1 0.261 1.793 0.006 1095. 320. -8.4 0.0380 0.83 0.17 2.87 239.0 10.0 299.9 2.0 0
0.00 37. 1004. 0 ADJ-A1 NoSubs
18 10 1 274 14 170.6 0.382 1.784 0.010 1193. 566. -29.2 0.0290 0.83 0.18 4.97 253.0 10.0 297.5 2.0 0
0.00 41. 1004. 0 ADJ-A1 NoSubs
18 10 1 274 15 135.9 0.343 1.685 0.012 1262. 482. -26.5 0.0380 0.83 0.19 4.20 230.0 10.0 294.2 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
18 10 1 274 16 87.9 0.315 1.478 0.012 1318. 424. -31.7 0.0290 0.83 0.21 4.12 252.0 10.0 293.1 2.0 0
0.00 58. 1004. 0 ADJ-A1 NoSubs
18 10 1 274 17 28.5 0.257 1.020 0.012 1332. 314. -53.2 0.0290 0.83 0.30 3.47 259.0 10.0 291.4 2.0 0
0.00 69. 1004. 0 ADJ-A1 NoSubs
18 10 1 274 18 -11.3 0.147 -9.000 -9.000 -999. 142. 25.4 0.0380 0.83 0.58 2.22 217.0 10.0 288.8 2.0 0
0.00 86. 1003. 0 ADJ-A1 NoSubs
18 10 1 274 19 -8.1 0.117 -9.000 -9.000 -999. 96. 17.6 0.0230 0.83 1.00 1.96 200.0 10.0 287.0 2.0 0
0.00 96. 1003. 0 ADJ-A1 NoSubs
18 10 1 274 20 -6.1 0.103 -9.000 -9.000 -999. 79. 16.0 0.0380 0.83 1.00 1.60 225.0 10.0 286.4 2.0 0
0.00 100. 1004. 0 ADJ-A1 NoSubs
18 10 1 274 21 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.83 1.00 1.35 43.0 10.0 288.1 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
18 10 1 274 22 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0290 0.83 1.00 1.25 259.0 10.0 287.5 2.0 0
0.00 93. 1004. 0 ADJ-A1 NoSubs
18 10 1 274 23 -2.5 0.069 -9.000 -9.000 -999. 43. 11.5 0.0330 0.83 1.00 1.01 315.0 10.0 287.5 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
18 10 1 274 24 -3.9 0.082 -9.000 -9.000 -999. 56. 12.7 0.0330 0.83 1.00 1.30 317.0 10.0 288.1 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
18 10 2 275 1 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.83 1.00 1.14 38.0 10.0 288.1 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
18 10 2 275 2 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.97 348.0 10.0 288.1 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
18 10 2 275 3 -3.9 0.082 -9.000 -9.000 -999. 56. 12.6 0.0310 0.83 1.00 1.31 20.0 10.0 288.1 2.0 0
0.00 89. 1003. 0 ADJ-A1 NoSubs
18 10 2 275 4 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0330 0.83 1.00 1.65 322.0 10.0 288.1 2.0 0
0.00 83. 1003. 0 ADJ-A1 NoSubs
18 10 2 275 5 -7.5 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.81 327.0 10.0 288.1 2.0 0

0.00 80. 1004. 7 ADJ-A1 NoSubs
18 10 2 275 6 -9.1 0.126 -9.000 -9.000 -999. 108. 20.0 0.0380 0.83 1.00 1.94 234.0 10.0 288.1 2.0 0
0.00 89. 1004. 5 ADJ-A1 NoSubs
18 10 2 275 7 -3.3 0.085 -9.000 -9.000 -999. 59. 16.6 0.0290 0.83 0.53 1.38 63.0 10.0 288.8 2.0 0
0.00 86. 1004. 7 ADJ-A1 NoSubs
18 10 2 275 8 35.4 0.124 0.547 0.008 165. 105. -4.8 0.0310 0.83 0.28 1.33 28.0 10.0 290.9 2.0 0
0.00 74. 1004. 7 ADJ-A1 NoSubs
18 10 2 275 9 92.5 0.180 0.930 0.006 312. 183. -5.7 0.0340 0.83 0.21 1.93 149.0 10.0 291.4 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
18 10 2 275 10 139.6 0.176 1.208 0.005 452. 177. -3.5 0.0380 0.83 0.18 1.72 214.0 10.0 294.2 2.0 0
0.00 54. 1005. 0 ADJ-A1 NoSubs
18 10 2 275 11 172.0 0.211 1.524 0.005 738. 232. -4.9 0.0380 0.83 0.18 2.16 224.0 10.0 297.0 2.0 0
0.00 47. 1004. 0 ADJ-A1 NoSubs
18 10 2 275 12 187.8 0.305 1.729 0.005 987. 405. -13.6 0.0290 0.83 0.17 3.73 264.0 10.0 298.1 2.0 0
0.00 41. 1004. 0 ADJ-A1 NoSubs
18 10 2 275 13 186.4 0.353 1.785 0.005 1092. 504. -21.1 0.0290 0.83 0.17 4.49 250.0 10.0 297.5 2.0 0
0.00 44. 1003. 0 ADJ-A1 NoSubs
18 10 2 275 14 169.4 0.295 1.785 0.005 1203. 387. -13.6 0.0290 0.83 0.18 3.61 252.0 10.0 298.1 2.0 0
0.00 44. 1002. 0 ADJ-A1 NoSubs
18 10 2 275 15 133.6 0.425 1.685 0.006 1283. 664. -51.3 0.0380 0.83 0.19 5.44 229.0 10.0 292.5 2.0 0
0.00 78. 1003. 0 ADJ-A1 NoSubs
18 10 2 275 16 86.0 0.305 1.476 0.006 1340. 413. -29.4 0.0290 0.83 0.21 3.97 261.0 10.0 292.5 2.0 0
0.00 78. 1003. 0 ADJ-A1 NoSubs
18 10 2 275 17 32.7 0.296 1.074 0.006 1358. 387. -71.1 0.0260 0.83 0.30 4.14 288.0 10.0 291.4 2.0 0
0.00 84. 1003. 3 ADJ-A1 NoSubs
18 10 2 275 18 -19.4 0.226 -9.000 -9.000 -999. 260. 56.3 0.0260 0.83 0.60 3.56 297.0 10.0 290.9 2.0 0
0.00 83. 1004. 0 ADJ-A1 NoSubs
18 10 2 275 19 -9.5 0.129 -9.000 -9.000 -999. 116. 20.4 0.0330 0.83 1.00 2.03 301.0 10.0 291.4 2.0 0
0.00 75. 1005. 0 ADJ-A1 NoSubs
18 10 2 275 20 -18.5 0.192 -9.000 -9.000 -999. 202. 40.5 0.0260 0.83 1.00 3.05 289.0 10.0 292.0 2.0 0
0.00 72. 1006. 10 ADJ-A1 NoSubs
18 10 2 275 21 -15.8 0.167 -9.000 -9.000 -999. 163. 30.6 0.0260 0.83 1.00 2.67 282.0 10.0 291.4 2.0 0
0.00 75. 1006. 10 ADJ-A1 NoSubs
18 10 2 275 22 -15.1 0.163 -9.000 -9.000 -999. 157. 29.1 0.0260 0.83 1.00 2.61 295.0 10.0 291.4 2.0 0
0.00 77. 1006. 7 ADJ-A1 NoSubs
18 10 2 275 23 -8.3 0.119 -9.000 -9.000 -999. 99. 18.3 0.0260 0.83 1.00 1.96 271.0 10.0 290.9 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
18 10 2 275 24 -7.5 0.113 -9.000 -9.000 -999. 92. 17.4 0.0260 0.83 1.00 1.87 270.0 10.0 290.9 2.0 0
0.00 80. 1006. 7 ADJ-A1 NoSubs
18 10 3 276 1 -5.2 0.093 -9.000 -9.000 -999. 69. 14.0 0.0230 0.83 1.00 1.59 189.0 10.0 290.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 10 3 276 2 -7.2 0.110 -9.000 -9.000 -999. 88. 16.7 0.0230 0.83 1.00 1.86 206.0 10.0 289.2 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
18 10 3 276 3 -2.4 0.067 -9.000 -9.000 -999. 42. 11.3 0.0290 0.83 1.00 0.99 86.0 10.0 289.9 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 10 3 276 4 -3.5 0.078 -9.000 -9.000 -999. 52. 12.2 0.0300 0.83 1.00 1.25 108.0 10.0 289.9 2.0 0
0.00 89. 1006. 7 ADJ-A1 NoSubs
18 10 3 276 5 -4.9 0.093 -9.000 -9.000 -999. 68. 14.4 0.0370 0.83 1.00 1.45 175.0 10.0 289.9 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 10 3 276 6 -6.5 0.106 -9.000 -9.000 -999. 83. 16.6 0.0380 0.83 1.00 1.65 333.0 10.0 289.2 2.0 0
0.00 89. 1006. 7 ADJ-A1 NoSubs
18 10 3 276 7 -4.0 0.090 -9.000 -9.000 -999. 65. 16.3 0.0290 0.83 0.54 1.47 261.0 10.0 288.8 2.0 0
0.00 92. 1006. 3 ADJ-A1 NoSubs
18 10 3 276 8 39.1 0.138 0.601 0.005 199. 123. -6.0 0.0310 0.83 0.29 1.52 9.0 10.0 290.4 2.0 0

0.00 86. 1007. 3 ADJ-A1 NoSubs
18 10 3 276 9 96.9 0.181 1.099 0.005 492. 184. -5.5 0.0380 0.83 0.21 1.88 350.0 10.0 292.5 2.0 0
0.00 70. 1007. 3 ADJ-A1 NoSubs
18 10 3 276 10 142.4 0.194 1.439 0.005 752. 206. -4.6 0.0230 0.83 0.18 2.22 185.0 10.0 293.1 2.0 0
0.00 69. 1007. 3 ADJ-A1 NoSubs
18 10 3 276 11 140.2 0.170 1.500 0.005 866. 169. -3.2 0.0380 0.83 0.18 1.64 235.0 10.0 293.8 2.0 11
0.30 78. 1007. 7 ADJ-A1 NoSubs
18 10 3 276 12 152.7 0.193 1.607 0.005 978. 203. -4.2 0.0290 0.83 0.17 2.06 266.0 10.0 295.4 2.0 0
0.00 65. 1006. 7 ADJ-A1 NoSubs
18 10 3 276 13 45.7 0.376 1.087 0.005 1007. 554. -104.4 0.0290 0.83 0.17 5.24 256.0 10.0 294.2 2.0 0
0.00 65. 1006. 10 ADJ-A1 NoSubs
18 10 3 276 14 41.2 0.416 1.058 0.005 1033. 643. -156.7 0.0290 0.83 0.18 5.87 266.0 10.0 293.8 2.0 0
0.00 72. 1006. 10 ADJ-A1 NoSubs
18 10 3 276 15 111.2 0.357 1.512 0.005 1117. 515. -36.7 0.0260 0.83 0.19 4.82 273.0 10.0 292.5 2.0 0
0.00 80. 1006. 7 ADJ-A1 NoSubs
18 10 3 276 16 20.2 0.336 0.869 0.005 1167. 468. -168.9 0.0260 0.83 0.21 4.85 270.0 10.0 292.0 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
18 10 3 276 17 5.3 0.248 0.558 0.005 1176. 300. -258.2 0.0260 0.83 0.31 3.61 270.0 10.0 291.4 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
18 10 3 276 18 -15.3 0.170 -9.000 -9.000 -999. 170. 31.7 0.0260 0.83 0.61 2.71 285.0 10.0 290.4 2.0 0
0.00 93. 1007. 10 ADJ-A1 NoSubs
18 10 3 276 19 -8.5 0.121 -9.000 -9.000 -999. 101. 18.5 0.0260 0.83 1.00 1.98 283.0 10.0 290.4 2.0 11
0.50 93. 1007. 10 ADJ-A1 NoSubs
18 10 3 276 20 -8.3 0.120 -9.000 -9.000 -999. 99. 18.5 0.0290 0.83 1.00 1.93 269.0 10.0 289.9 2.0 11
1.80 96. 1008. 10 ADJ-A1 NoSubs
18 10 3 276 21 -5.8 0.099 -9.000 -9.000 -999. 74. 14.9 0.0260 0.83 1.00 1.64 276.0 10.0 289.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 10 3 276 22 -5.0 0.092 -9.000 -9.000 -999. 67. 13.9 0.0260 0.83 1.00 1.53 290.0 10.0 289.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 10 3 276 23 -5.4 0.096 -9.000 -9.000 -999. 71. 14.7 0.0290 0.83 1.00 1.57 269.0 10.0 289.2 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 10 3 276 24 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0260 0.83 1.00 1.52 275.0 10.0 289.2 2.0 11
0.50 100. 1008. 10 ADJ-A1 NoSubs
18 10 4 277 1 -9.5 0.129 -9.000 -9.000 -999. 112. 20.5 0.0380 0.83 1.00 1.98 222.0 10.0 288.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 10 4 277 2 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.83 1.00 1.30 205.0 10.0 288.8 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 10 4 277 3 -4.5 0.089 -9.000 -9.000 -999. 63. 13.9 0.0380 0.83 1.00 1.38 237.0 10.0 288.8 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 10 4 277 4 -4.8 0.090 -9.000 -9.000 -999. 65. 13.7 0.0290 0.83 1.00 1.47 269.0 10.0 288.1 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
18 10 4 277 5 -3.2 0.074 -9.000 -9.000 -999. 49. 11.5 0.0260 0.83 1.00 1.20 280.0 10.0 288.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 4 277 6 -3.7 0.079 -9.000 -9.000 -999. 54. 12.3 0.0290 0.83 1.00 1.28 242.0 10.0 288.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 4 277 7 -5.7 0.103 -9.000 -9.000 -999. 80. 17.5 0.0380 0.83 0.55 1.60 235.0 10.0 288.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 10 4 277 8 6.2 0.084 0.437 0.007 485. 58. -8.5 0.0380 0.83 0.29 0.92 219.0 10.0 288.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 10 4 277 9 21.1 0.137 0.670 0.007 511. 122. -11.0 0.0290 0.83 0.21 1.64 256.0 10.0 290.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 10 4 277 10 114.4 0.178 1.262 0.009 634. 180. -4.4 0.0260 0.83 0.19 1.96 276.0 10.0 292.0 2.0 0
0.00 77. 1011. 7 ADJ-A1 NoSubs
18 10 4 277 11 164.8 0.262 1.534 0.008 791. 322. -9.8 0.0230 0.83 0.18 3.25 200.0 10.0 293.8 2.0 0

0.00 69. 1011. 5 ADJ-A1 NoSubs
18 10 4 277 12 187.1 0.358 1.702 0.007 952. 513. -22.0 0.0380 0.83 0.17 4.32 236.0 10.0 294.2 2.0 0
0.00 63. 1011. 3 ADJ-A1 NoSubs
18 10 4 277 13 182.0 0.341 1.720 0.006 1010. 478. -19.6 0.0290 0.83 0.17 4.31 248.0 10.0 294.2 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
18 10 4 277 14 164.8 0.387 1.692 0.005 1061. 578. -31.7 0.0290 0.83 0.18 5.07 250.0 10.0 294.9 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 10 4 277 15 131.0 0.399 1.586 0.005 1099. 606. -43.9 0.0290 0.83 0.19 5.34 254.0 10.0 293.8 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 10 4 277 16 82.9 0.373 1.371 0.005 1122. 547. -56.3 0.0290 0.83 0.22 5.05 254.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
18 10 4 277 17 23.5 0.306 0.903 0.005 1127. 409. -109.6 0.0290 0.83 0.31 4.27 263.0 10.0 291.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
18 10 4 277 18 -13.8 0.159 -9.000 -9.000 -999. 167. 27.7 0.0290 0.83 0.62 2.50 241.0 10.0 289.2 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 10 4 277 19 -4.2 0.085 -9.000 -9.000 -999. 62. 13.0 0.0290 0.83 1.00 1.38 80.0 10.0 289.9 2.0 0
0.00 86. 1010. 7 ADJ-A1 NoSubs
18 10 4 277 20 -7.0 0.109 -9.000 -9.000 -999. 87. 17.0 0.0330 0.83 1.00 1.74 33.0 10.0 288.8 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 4 277 21 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.81 46.0 10.0 288.1 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 10 4 277 22 -6.0 0.102 -9.000 -9.000 -999. 78. 15.7 0.0330 0.83 1.00 1.62 57.0 10.0 288.8 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 10 4 277 23 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0330 0.83 1.00 1.54 59.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 10 4 277 24 -5.7 0.099 -9.000 -9.000 -999. 74. 15.1 0.0300 0.83 1.00 1.60 92.0 10.0 288.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
18 10 5 278 1 -9.8 0.131 -9.000 -9.000 -999. 114. 20.6 0.0340 0.83 1.00 2.04 144.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 10 5 278 2 -3.5 0.078 -9.000 -9.000 -999. 53. 12.1 0.0290 0.83 1.00 1.25 65.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 10 5 278 3 -2.7 0.071 -9.000 -9.000 -999. 45. 11.6 0.0330 0.83 1.00 1.06 55.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 10 5 278 4 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.83 1.00 1.48 182.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 10 5 278 5 -6.1 0.102 -9.000 -9.000 -999. 78. 15.9 0.0380 0.83 1.00 1.59 213.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 10 5 278 6 -7.8 0.116 -9.000 -9.000 -999. 94. 18.0 0.0340 0.83 1.00 1.82 132.0 10.0 287.5 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 10 5 278 7 -3.5 0.080 -9.000 -9.000 -999. 55. 13.2 0.0300 0.83 0.55 1.30 111.0 10.0 288.1 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 10 5 278 8 37.4 0.134 0.766 0.014 433. 118. -5.8 0.0290 0.83 0.29 1.50 68.0 10.0 289.2 2.0 0
0.00 83. 1013. 5 ADJ-A1 NoSubs
18 10 5 278 9 91.4 0.170 1.077 0.013 494. 169. -4.9 0.0290 0.83 0.21 1.86 85.0 10.0 290.9 2.0 0
0.00 67. 1013. 5 ADJ-A1 NoSubs
18 10 5 278 10 135.1 0.158 1.285 0.011 568. 151. -2.7 0.0290 0.83 0.19 1.59 64.0 10.0 292.0 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
18 10 5 278 11 166.7 0.231 1.446 0.010 656. 267. -6.7 0.0380 0.83 0.18 2.47 235.0 10.0 293.8 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
18 10 5 278 12 181.9 0.332 1.572 0.008 772. 460. -18.2 0.0290 0.83 0.17 4.17 254.0 10.0 294.2 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 10 5 278 13 180.8 0.318 1.582 0.007 791. 431. -16.1 0.0290 0.83 0.18 3.95 253.0 10.0 294.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
18 10 5 278 14 163.0 0.301 1.542 0.005 812. 396. -15.0 0.0290 0.83 0.18 3.71 252.0 10.0 294.2 2.0 0

0.00 54. 1011. 0 ADJ-A1 NoSubs
18 10 5 278 15 129.4 0.282 1.445 0.005 841. 360. -15.6 0.0290 0.83 0.19 3.49 245.0 10.0 293.8 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
18 10 5 278 16 82.0 0.198 1.254 0.005 868. 214. -8.5 0.0230 0.83 0.22 2.42 202.0 10.0 294.9 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
18 10 5 278 17 22.6 0.215 0.820 0.005 876. 240. -39.8 0.0340 0.83 0.31 2.78 144.0 10.0 293.1 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 10 5 278 18 -21.6 0.234 -9.000 -9.000 -999. 272. 60.5 0.0370 0.83 0.64 3.47 159.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
18 10 5 278 19 -18.9 0.193 -9.000 -9.000 -999. 204. 41.0 0.0340 0.83 1.00 2.93 146.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
18 10 5 278 20 -6.8 0.108 -9.000 -9.000 -999. 87. 16.5 0.0300 0.83 1.00 1.74 92.0 10.0 288.1 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 10 5 278 21 -4.4 0.087 -9.000 -9.000 -999. 61. 13.4 0.0330 0.83 1.00 1.38 43.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
18 10 5 278 22 -6.5 0.106 -9.000 -9.000 -999. 83. 16.5 0.0380 0.83 1.00 1.65 357.0 10.0 286.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 10 5 278 23 -8.4 0.121 -9.000 -9.000 -999. 101. 18.9 0.0380 0.83 1.00 1.86 340.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 10 5 278 24 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.83 1.00 1.74 343.0 10.0 285.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 10 6 279 1 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.83 1.00 1.76 347.0 10.0 284.9 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 10 6 279 2 -7.7 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.83 1.00 1.79 334.0 10.0 284.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 10 6 279 3 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0380 0.83 1.00 2.06 333.0 10.0 284.2 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 10 6 279 4 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0380 0.83 1.00 2.06 331.0 10.0 284.9 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 10 6 279 5 -11.1 0.140 -9.000 -9.000 -999. 126. 22.1 0.0380 0.83 1.00 2.13 332.0 10.0 284.2 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 10 6 279 6 -7.0 0.110 -9.000 -9.000 -999. 88. 17.1 0.0380 0.83 1.00 1.71 334.0 10.0 284.2 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
18 10 6 279 7 -4.2 0.089 -9.000 -9.000 -999. 63. 14.9 0.0380 0.83 0.56 1.38 343.0 10.0 284.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 10 6 279 8 29.5 0.109 0.533 0.009 184. 87. -4.0 0.0380 0.83 0.29 1.09 351.0 10.0 288.1 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
18 10 6 279 9 87.4 0.148 0.981 0.011 389. 136. -3.3 0.0300 0.83 0.21 1.52 114.0 10.0 289.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
18 10 6 279 10 133.9 0.151 1.302 0.009 593. 141. -2.3 0.0230 0.83 0.19 1.57 183.0 10.0 292.0 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
18 10 6 279 11 164.7 0.298 1.434 0.007 644. 390. -14.4 0.0230 0.83 0.18 3.83 200.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 10 6 279 12 180.0 0.278 1.516 0.006 697. 352. -10.7 0.0370 0.83 0.18 3.15 171.0 10.0 293.1 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
18 10 6 279 13 179.4 0.242 1.550 0.005 746. 286. -7.1 0.0340 0.83 0.18 2.67 143.0 10.0 294.9 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
18 10 6 279 14 162.5 0.248 1.617 0.005 934. 296. -8.4 0.0340 0.83 0.18 2.79 146.0 10.0 296.4 2.0 0
0.00 52. 1005. 0 ADJ-A1 NoSubs
18 10 6 279 15 129.0 0.287 1.607 0.005 1154. 370. -16.5 0.0230 0.83 0.19 3.74 199.0 10.0 296.4 2.0 0
0.00 51. 1004. 0 ADJ-A1 NoSubs
18 10 6 279 16 80.5 0.292 1.387 0.005 1188. 378. -27.6 0.0370 0.83 0.22 3.61 176.0 10.0 295.4 2.0 0
0.00 48. 1004. 0 ADJ-A1 NoSubs
18 10 6 279 17 20.5 0.332 0.881 0.005 1190. 459. -159.7 0.0340 0.83 0.32 4.56 145.0 10.0 292.0 2.0 0

0.00 69. 1004. 0 ADJ-A1 NoSubs
18 10 6 279 18 -11.2 0.143 -9.000 -9.000 -999. 165. 23.3 0.0340 0.83 0.65 2.21 134.0 10.0 290.9 2.0 0
0.00 72. 1004. 0 ADJ-A1 NoSubs
18 10 6 279 19 -2.6 0.068 -9.000 -9.000 -999. 49. 11.1 0.0260 0.83 1.00 1.06 277.0 10.0 289.9 2.0 0
0.00 77. 1005. 0 ADJ-A1 NoSubs
18 10 6 279 20 -2.7 0.071 -9.000 -9.000 -999. 45. 11.6 0.0330 0.83 1.00 1.06 312.0 10.0 288.1 2.0 0
0.00 83. 1005. 0 ADJ-A1 NoSubs
18 10 6 279 21 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.83 1.00 1.26 341.0 10.0 285.9 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
18 10 6 279 22 -3.3 0.077 -9.000 -9.000 -999. 51. 12.0 0.0330 0.83 1.00 1.19 325.0 10.0 285.4 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
18 10 6 279 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 89. 1005. 0 ADJ-SFC NoSubs
18 10 6 279 24 -7.1 0.111 -9.000 -9.000 -999. 89. 17.0 0.0330 0.83 1.00 1.76 312.0 10.0 284.9 2.0 0
0.00 92. 1005. 0 ADJ-SFC NoSubs
18 10 7 280 1 -7.1 0.110 -9.000 -9.000 -999. 88. 16.9 0.0317 0.83 1.00 1.76 999.0 10.0 284.2 2.0 0
0.00 92. 1005. 0 ADJ-SFC NoSubs
18 10 7 280 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 92. 1005. 0 ADJ-SFC NoSubs
18 10 7 280 3 -13.2 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 316.0 10.0 283.1 2.0 0
0.00 96. 1005. 0 ADJ-SFC NoSubs
18 10 7 280 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 282.5 2.0
0 0.00 96. 1005. 0 ADJ-SFC NoSubs
18 10 7 280 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 282.5 2.0
0 0.00 92. 1005. 0 ADJ-SFC NoSubs
18 10 7 280 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 282.5 2.0
0 0.00 96. 1005. 0 ADJ-SFC NoSubs
18 10 7 280 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.57 0.00 0.0 10.0 284.9 2.0
0 0.00 92. 1006. 0 ADJ-SFC NoSubs
18 10 7 280 8 29.0 -9.000 -9.000 -9.000 144. -999. -99999.0 0.0317 0.83 0.30 0.00 0.0 10.0 289.9 2.0 0
0.00 69. 1006. 0 ADJ-SFC NoSubs
18 10 7 280 9 88.8 0.270 0.954 0.005 351. 337. -19.9 0.0317 0.83 0.21 3.36 999.0 10.0 295.9 2.0 0
0.00 28. 1006. 0 ADJ-SFC NoSubs
18 10 7 280 10 135.2 0.213 1.330 0.005 625. 237. -6.4 0.0317 0.83 0.19 2.36 999.0 10.0 297.5 2.0 0
0.00 24. 1006. 0 ADJ-SFC NoSubs
18 10 7 280 11 166.6 0.378 1.610 0.005 900. 558. -29.1 0.0310 0.83 0.18 4.86 21.0 10.0 298.8 2.0 0
0.00 21. 1005. 0 ADJ-SFC NoSubs
18 10 7 280 12 181.5 0.285 1.756 0.006 1072. 370. -11.4 0.0317 0.83 0.18 3.36 999.0 10.0 298.8 2.0 0
0.00 27. 1005. 0 ADJ-SFC NoSubs
18 10 7 280 13 181.3 0.319 1.873 0.008 1301. 433. -16.1 0.0330 0.83 0.18 3.86 39.0 10.0 300.9 2.0 0
0.00 19. 1004. 0 ADJ-SFC NoSubs
18 10 7 280 14 163.5 0.324 1.832 0.007 1349. 443. -18.7 0.0380 0.83 0.18 3.86 336.0 10.0 300.9 2.0 0
0.00 20. 1003. 0 ADJ-SFC NoSubs
18 10 7 280 15 130.0 0.341 1.713 0.007 1386. 477. -27.2 0.0310 0.83 0.19 4.36 7.0 10.0 300.9 2.0 0
0.00 20. 1003. 0 ADJ-SFC NoSubs
18 10 7 280 16 81.6 0.269 1.475 0.007 1408. 337. -21.3 0.0317 0.83 0.22 3.36 999.0 10.0 300.4 2.0 0
0.00 20. 1003. 0 ADJ-SFC NoSubs
18 10 7 280 17 22.5 0.218 0.961 0.007 1413. 246. -41.4 0.0317 0.83 0.32 2.86 999.0 10.0 299.2 2.0 0
0.00 20. 1003. 0 ADJ-SFC NoSubs
18 10 7 280 18 -6.8 0.110 -9.000 -9.000 -999. 94. 17.6 0.0317 0.83 0.66 1.76 999.0 10.0 296.4 2.0 0
0.00 23. 1003. 0 ADJ-SFC NoSubs
18 10 7 280 19 -18.6 0.191 -9.000 -9.000 -999. 201. 40.2 0.0370 0.83 1.00 2.86 177.0 10.0 288.8 2.0 0
0.00 68. 1004. 0 ADJ-SFC NoSubs
18 10 7 280 20 -32.7 0.334 -9.000 -9.000 -999. 464. 122.9 0.0380 0.83 1.00 4.86 219.0 10.0 287.5 2.0 0

0.00 77. 1004. 0 ADJ-SFC NoSubs
18 10 7 280 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 287.5 2.0
0 0.00 86. 1004. 0 ADJ-SFC NoSubs
18 10 7 280 22 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.38 326.0 10.0 286.4 2.0 0
0.00 86. 1004. 0 ADJ-A1 NoSubs
18 10 7 280 23 -5.2 0.095 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.48 338.0 10.0 285.4 2.0 0
0.00 76. 1004. 0 ADJ-A1 NoSubs
18 10 7 280 24 -6.5 0.106 -9.000 -9.000 -999. 83. 16.4 0.0380 0.83 1.00 1.65 332.0 10.0 283.8 2.0 0
0.00 76. 1004. 0 ADJ-A1 NoSubs
18 10 8 281 1 -5.8 0.100 -9.000 -9.000 -999. 75. 15.2 0.0330 0.83 1.00 1.59 327.0 10.0 283.8 2.0 0
0.00 76. 1004. 0 ADJ-A1 NoSubs
18 10 8 281 2 -10.3 0.135 -9.000 -9.000 -999. 119. 21.3 0.0380 0.83 1.00 2.06 334.0 10.0 284.2 2.0 0
0.00 74. 1004. 0 ADJ-A1 NoSubs
18 10 8 281 3 -5.2 0.094 -9.000 -9.000 -999. 70. 14.5 0.0380 0.83 1.00 1.47 351.0 10.0 282.0 2.0 0
0.00 82. 1004. 0 ADJ-A1 NoSubs
18 10 8 281 4 -9.1 0.126 -9.000 -9.000 -999. 108. 19.8 0.0380 0.83 1.00 1.94 344.0 10.0 282.5 2.0 0
0.00 76. 1003. 0 ADJ-A1 NoSubs
18 10 8 281 5 -6.6 0.106 -9.000 -9.000 -999. 83. 16.2 0.0330 0.83 1.00 1.69 319.0 10.0 283.1 2.0 0
0.00 76. 1004. 0 ADJ-A1 NoSubs
18 10 8 281 6 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.83 1.00 1.33 5.0 10.0 283.1 2.0 0
0.00 76. 1004. 0 ADJ-A1 NoSubs
18 10 8 281 7 -4.2 0.088 -9.000 -9.000 -999. 63. 14.6 0.0380 0.83 0.58 1.37 358.0 10.0 283.8 2.0 0
0.00 76. 1005. 0 ADJ-A1 NoSubs
18 10 8 281 8 27.6 0.111 0.457 0.005 124. 89. -4.5 0.0310 0.83 0.30 1.18 4.0 10.0 288.8 2.0 0
0.00 56. 1005. 0 ADJ-A1 NoSubs
18 10 8 281 9 85.9 0.120 1.086 0.005 534. 99. -1.8 0.0330 0.83 0.21 1.09 34.0 10.0 292.0 2.0 0
0.00 44. 1005. 0 ADJ-A1 NoSubs
18 10 8 281 10 132.9 0.158 1.405 0.005 749. 151. -2.7 0.0370 0.83 0.19 1.50 153.0 10.0 295.4 2.0 0
0.00 32. 1005. 0 ADJ-A1 NoSubs
18 10 8 281 11 164.4 0.306 1.648 0.005 976. 406. -15.6 0.0380 0.83 0.18 3.58 210.0 10.0 297.0 2.0 0
0.00 26. 1004. 0 ADJ-A1 NoSubs
18 10 8 281 12 179.2 0.363 1.804 0.005 1174. 524. -23.8 0.0380 0.83 0.18 4.41 215.0 10.0 297.0 2.0 0
0.00 30. 1004. 0 ADJ-A1 NoSubs
18 10 8 281 13 177.6 0.320 1.881 0.005 1342. 436. -16.5 0.0230 0.83 0.18 4.17 207.0 10.0 297.0 2.0 0
0.00 31. 1003. 0 ADJ-A1 NoSubs
18 10 8 281 14 160.1 0.322 1.873 0.006 1472. 438. -18.6 0.0290 0.83 0.18 4.05 242.0 10.0 297.5 2.0 0
0.00 29. 1003. 0 ADJ-A1 NoSubs
18 10 8 281 15 124.6 0.340 1.737 0.006 1508. 475. -28.2 0.0230 0.83 0.19 4.61 195.0 10.0 293.8 2.0 0
0.00 60. 1003. 0 ADJ-A1 NoSubs
18 10 8 281 16 75.3 0.355 1.476 0.006 1528. 507. -53.1 0.0230 0.83 0.22 5.00 187.0 10.0 290.9 2.0 0
0.00 74. 1003. 0 ADJ-A1 NoSubs
18 10 8 281 17 16.3 0.214 0.887 0.006 1531. 250. -53.4 0.0230 0.83 0.33 3.01 186.0 10.0 289.2 2.0 0
0.00 83. 1003. 0 ADJ-A1 NoSubs
18 10 8 281 18 -20.2 0.212 -9.000 -9.000 -999. 234. 49.3 0.0370 0.83 0.68 3.15 176.0 10.0 287.5 2.0 0
0.00 89. 1003. 0 ADJ-A1 NoSubs
18 10 8 281 19 -17.8 0.182 -9.000 -9.000 -999. 186. 36.4 0.0370 0.83 1.00 2.73 154.0 10.0 287.0 2.0 0
0.00 92. 1003. 5 ADJ-A1 NoSubs
18 10 8 281 20 -9.4 0.128 -9.000 -9.000 -999. 110. 19.8 0.0300 0.83 1.00 2.04 105.0 10.0 287.0 2.0 0
0.00 92. 1004. 7 ADJ-A1 NoSubs
18 10 8 281 21 -7.1 0.110 -9.000 -9.000 -999. 88. 16.9 0.0290 0.83 1.00 1.79 72.0 10.0 287.0 2.0 0
0.00 89. 1004. 7 ADJ-A1 NoSubs
18 10 8 281 22 -9.0 0.125 -9.000 -9.000 -999. 106. 19.3 0.0290 0.83 1.00 2.01 69.0 10.0 287.0 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
18 10 8 281 23 -6.9 0.109 -9.000 -9.000 -999. 87. 16.9 0.0330 0.83 1.00 1.74 59.0 10.0 287.0 2.0 0

0.00 96. 1004. 10 ADJ-A1 NoSubs
18 10 8 281 24 -7.6 0.115 -9.000 -9.000 -999. 93. 17.8 0.0330 0.83 1.00 1.82 46.0 10.0 287.0 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 1 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.83 1.00 1.35 47.0 10.0 287.0 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 2 -7.3 0.112 -9.000 -9.000 -999. 90. 17.4 0.0340 0.83 1.00 1.77 141.0 10.0 287.0 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 3 -2.7 0.070 -9.000 -9.000 -999. 45. 11.6 0.0330 0.83 1.00 1.04 34.0 10.0 286.4 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 4 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.83 1.00 1.21 360.0 10.0 286.4 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 5 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0380 0.83 1.00 1.18 341.0 10.0 286.4 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 6 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.83 1.00 1.37 351.0 10.0 286.4 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 10 9 282 7 -7.0 0.112 -9.000 -9.000 -999. 90. 18.1 0.0310 0.83 0.58 1.79 4.0 10.0 286.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
18 10 9 282 8 4.3 0.107 0.208 0.020 74. 84. -25.7 0.0310 0.83 0.30 1.37 24.0 10.0 287.0 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 10 9 282 9 18.9 0.175 0.408 0.018 129. 175. -25.3 0.0260 0.83 0.21 2.30 289.0 10.0 288.1 2.0 0
0.00 82. 1006. 10 ADJ-A1 NoSubs
18 10 9 282 10 133.9 0.248 0.995 0.015 264. 296. -10.2 0.0260 0.83 0.19 3.01 275.0 10.0 289.9 2.0 0
0.00 74. 1006. 3 ADJ-A1 NoSubs
18 10 9 282 11 160.2 0.352 1.183 0.007 371. 502. -24.5 0.0290 0.83 0.18 4.53 264.0 10.0 290.4 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
18 10 9 282 12 175.3 0.420 1.278 0.005 427. 652. -37.8 0.0290 0.83 0.18 5.56 256.0 10.0 291.4 2.0 0
0.00 65. 1005. 0 ADJ-A1 NoSubs
18 10 9 282 13 173.6 0.396 1.357 0.005 516. 599. -32.0 0.0290 0.83 0.18 5.19 263.0 10.0 291.4 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
18 10 9 282 14 156.0 0.435 1.377 0.005 600. 689. -47.3 0.0290 0.83 0.18 5.84 253.0 10.0 292.0 2.0 0
0.00 64. 1004. 0 ADJ-A1 NoSubs
18 10 9 282 15 121.6 0.422 1.305 0.005 656. 659. -55.5 0.0290 0.83 0.19 5.72 259.0 10.0 290.4 2.0 0
0.00 72. 1004. 0 ADJ-A1 NoSubs
18 10 9 282 16 78.7 0.308 1.182 0.005 752. 419. -33.3 0.0290 0.83 0.22 4.05 266.0 10.0 290.4 2.0 0
0.00 72. 1004. 3 ADJ-A1 NoSubs
18 10 9 282 17 1.9 0.269 0.341 0.005 746. 336. -920.2 0.0260 0.83 0.33 3.98 273.0 10.0 288.8 2.0 0
0.00 83. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 18 -19.0 0.197 -9.000 -9.000 -999. 211. 42.5 0.0260 0.83 0.69 3.12 291.0 10.0 288.1 2.0 0
0.00 83. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 19 -7.7 0.115 -9.000 -9.000 -999. 95. 17.5 0.0260 0.83 1.00 1.89 295.0 10.0 288.1 2.0 0
0.00 83. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 20 -14.9 0.162 -9.000 -9.000 -999. 156. 28.8 0.0290 0.83 1.00 2.55 245.0 10.0 287.5 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 21 -15.7 0.166 -9.000 -9.000 -999. 163. 30.5 0.0290 0.83 1.00 2.62 255.0 10.0 287.5 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 22 -16.8 0.173 -9.000 -9.000 -999. 172. 32.8 0.0290 0.83 1.00 2.71 258.0 10.0 287.5 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
18 10 9 282 23 -19.5 0.199 -9.000 -9.000 -999. 213. 43.5 0.0290 0.83 1.00 3.10 250.0 10.0 286.4 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
18 10 9 282 24 -12.6 0.150 -9.000 -9.000 -999. 140. 24.7 0.0380 0.83 1.00 2.27 232.0 10.0 286.4 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
18 10 10 283 1 -11.6 0.144 -9.000 -9.000 -999. 131. 22.8 0.0380 0.83 1.00 2.18 219.0 10.0 286.4 2.0 0
0.00 100. 1004. 10 ADJ-A1 NoSubs
18 10 10 283 2 -14.3 0.158 -9.000 -9.000 -999. 151. 27.6 0.0290 0.83 1.00 2.50 245.0 10.0 286.4 2.0 11

0.30 96. 1004. 10 ADJ-A1 NoSubs
18 10 10 283 3 -17.6 0.179 -9.000 -9.000 -999. 182. 35.4 0.0290 0.83 1.00 2.81 266.0 10.0 286.4 2.0 11
0.30 96. 1004. 10 ADJ-A1 NoSubs
18 10 10 283 4 -13.3 0.152 -9.000 -9.000 -999. 142. 25.4 0.0260 0.83 1.00 2.45 285.0 10.0 285.9 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
18 10 10 283 5 -1.7 0.062 -9.000 -9.000 -999. 41. 12.4 0.0330 0.83 1.00 0.75 310.0 10.0 285.4 2.0 0
0.00 96. 1004. 7 ADJ-A1 NoSubs
18 10 10 283 6 -2.6 0.070 -9.000 -9.000 -999. 44. 11.5 0.0330 0.83 1.00 1.03 323.0 10.0 285.9 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
18 10 10 283 7 -4.2 0.087 -9.000 -9.000 -999. 61. 14.0 0.0380 0.83 0.59 1.35 332.0 10.0 286.4 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
18 10 10 283 8 4.1 0.082 0.219 0.005 93. 57. -12.3 0.0330 0.83 0.30 0.97 313.0 10.0 287.0 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 10 10 283 9 18.6 0.112 0.519 0.008 269. 90. -6.7 0.0260 0.83 0.22 1.30 284.0 10.0 288.1 2.0 0
0.00 77. 1005. 10 ADJ-A1 NoSubs
18 10 10 283 10 30.4 0.160 0.709 0.013 421. 154. -12.2 0.0290 0.83 0.19 1.94 242.0 10.0 289.2 2.0 0
0.00 74. 1005. 10 ADJ-A1 NoSubs
18 10 10 283 11 38.2 0.206 0.828 0.014 533. 224. -20.4 0.0380 0.83 0.18 2.47 234.0 10.0 289.9 2.0 0
0.00 69. 1005. 10 ADJ-A1 NoSubs
18 10 10 283 12 143.4 0.250 1.414 0.015 709. 299. -9.8 0.0290 0.83 0.18 2.95 269.0 10.0 291.0 2.0
9999 -9.00 999. 1007. 7 ADJ-A1 Sub_CC-TT
18 10 10 283 13 176.5 0.326 1.537 0.013 738. 446. -17.5 0.0290 0.83 0.18 4.07 266.0 10.0 292.0 2.0 0
0.00 55. 1004. 3 ADJ-A1 NoSubs
18 10 10 283 14 154.4 0.381 1.483 0.012 757. 564. -32.0 0.0290 0.83 0.18 4.99 265.0 10.0 292.0 2.0 0
0.00 55. 1004. 0 ADJ-A1 NoSubs
18 10 10 283 15 120.4 0.416 1.374 0.011 772. 643. -53.5 0.0290 0.83 0.19 5.62 257.0 10.0 291.4 2.0 0
0.00 60. 1004. 0 ADJ-A1 NoSubs
18 10 10 283 16 71.8 0.363 1.161 0.010 780. 526. -59.5 0.0290 0.83 0.23 4.93 258.0 10.0 290.4 2.0 0
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18 10 10 283 17 13.2 0.265 0.661 0.010 782. 332. -125.5 0.0290 0.83 0.34 3.71 266.0 10.0 289.2 2.0 0
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18 10 10 283 18 -15.7 0.166 -9.000 -9.000 -999. 167. 30.3 0.0260 0.83 0.71 2.66 273.0 10.0 287.5 2.0 0
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18 10 10 283 19 -4.5 0.087 -9.000 -9.000 -999. 64. 13.2 0.0260 0.83 1.00 1.45 292.0 10.0 287.0 2.0 0
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18 10 10 283 20 -3.4 0.077 -9.000 -9.000 -999. 52. 12.1 0.0330 0.83 1.00 1.21 321.0 10.0 285.4 2.0 0
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18 10 10 283 21 -12.4 0.149 -9.000 -9.000 -999. 137. 24.3 0.0380 0.83 1.00 2.25 336.0 10.0 284.9 2.0 0
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18 10 10 283 22 -8.4 0.121 -9.000 -9.000 -999. 102. 19.0 0.0380 0.83 1.00 1.87 331.0 10.0 284.9 2.0 0
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18 10 10 283 23 -6.8 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.83 1.00 1.69 332.0 10.0 285.4 2.0 0
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18 10 10 283 24 -5.7 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.83 1.00 1.55 340.0 10.0 285.9 2.0 0
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18 10 11 284 1 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.97 356.0 10.0 286.4 2.0 0
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18 10 11 284 2 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.83 1.00 1.09 329.0 10.0 287.0 2.0 0
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18 10 11 284 3 -2.4 0.068 -9.000 -9.000 -999. 42. 11.4 0.0310 0.83 1.00 0.99 11.0 10.0 287.0 2.0 0
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18 10 11 284 4 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0310 0.83 1.00 1.72 13.0 10.0 287.0 2.0 0
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18 10 11 284 5 -4.8 0.091 -9.000 -9.000 -999. 65. 13.8 0.0290 0.83 1.00 1.48 63.0 10.0 286.4 2.0 0

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18 10 11 284 7 -2.5 0.070 -9.000 -9.000 -999. 44. 11.9 0.0380 0.83 0.60 1.03 357.0 10.0 285.4 2.0 0
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18 10 11 284 8 24.1 0.141 0.631 0.009 372. 127. -10.5 0.0380 0.83 0.31 1.59 346.0 10.0 288.1 2.0 0
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18 10 11 284 9 81.7 0.139 1.161 0.013 687. 125. -3.0 0.0310 0.83 0.22 1.40 9.0 10.0 290.4 2.0 0
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18 10 11 284 10 107.8 0.186 1.292 0.012 719. 193. -5.4 0.0290 0.83 0.19 2.06 247.0 10.0 292.0 2.0 0
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18 10 11 284 11 131.9 0.198 1.406 0.010 757. 212. -5.3 0.0340 0.83 0.18 2.11 147.0 10.0 293.1 2.0 0
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18 10 11 284 12 42.8 0.150 0.972 0.010 769. 140. -7.1 0.0290 0.83 0.18 1.72 79.0 10.0 293.1 2.0 0
0.00 52. 1005. 10 ADJ-A1 NoSubs
18 10 11 284 13 176.0 0.163 1.588 0.008 816. 158. -2.2 0.0290 0.83 0.18 1.59 82.0 10.0 294.2 2.0 0
0.00 48. 1005. 3 ADJ-A1 NoSubs
18 10 11 284 14 128.8 0.212 1.451 0.007 850. 235. -6.6 0.0370 0.83 0.18 2.28 177.0 10.0 295.4 2.0 0
0.00 47. 1004. 7 ADJ-A1 NoSubs
18 10 11 284 15 124.5 0.388 1.451 0.006 880. 580. -41.9 0.0290 0.83 0.19 5.17 260.0 10.0 293.8 2.0 0
0.00 52. 1004. 3 ADJ-A1 NoSubs
18 10 11 284 16 70.8 0.405 1.210 0.005 895. 619. -84.3 0.0290 0.83 0.23 5.60 256.0 10.0 292.0 2.0 0
0.00 53. 1004. 0 ADJ-A1 NoSubs
18 10 11 284 17 12.3 0.308 0.676 0.005 897. 417. -213.5 0.0290 0.83 0.34 4.39 257.0 10.0 290.9 2.0 0
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18 10 11 284 18 -19.1 0.197 -9.000 -9.000 -999. 217. 42.7 0.0290 0.83 0.72 3.07 258.0 10.0 289.2 2.0 0
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18 10 11 284 19 -5.0 0.091 -9.000 -9.000 -999. 73. 13.6 0.0230 0.83 1.00 1.55 206.0 10.0 288.1 2.0 0
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18 10 11 284 20 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0290 0.83 1.00 1.62 64.0 10.0 287.0 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
18 10 11 284 21 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0330 0.83 1.00 1.79 46.0 10.0 286.4 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
18 10 11 284 22 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.83 1.00 1.69 360.0 10.0 284.9 2.0 0
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18 10 11 284 23 -8.0 0.118 -9.000 -9.000 -999. 97. 18.4 0.0380 0.83 1.00 1.82 340.0 10.0 284.9 2.0 0
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18 10 11 284 24 -10.9 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.15 329.0 10.0 284.9 2.0 0
0.00 85. 1006. 0 ADJ-A1 NoSubs
18 10 12 285 1 -13.9 0.156 -9.000 -9.000 -999. 149. 26.9 0.0330 0.83 1.00 2.42 324.0 10.0 284.2 2.0 0
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18 10 12 285 2 -6.9 0.109 -9.000 -9.000 -999. 87. 16.9 0.0380 0.83 1.00 1.69 338.0 10.0 283.8 2.0 0
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18 10 12 285 3 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.83 1.00 1.06 344.0 10.0 283.8 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
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0.00 92. 1006. 0 ADJ-A1 NoSubs
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0.00 92. 1006. 0 ADJ-A1 NoSubs
18 10 12 285 6 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0380 0.83 1.00 1.09 336.0 10.0 282.0 2.0 0
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0.00 77. 1007. 0 ADJ-A1 NoSubs
18 10 12 285 9 80.3 0.129 0.862 0.014 286. 111. -2.4 0.0370 0.83 0.22 1.20 170.0 10.0 289.9 2.0 0
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18 10 12 285 10 127.2 0.153 1.089 0.012 365. 143. -2.5 0.0370 0.83 0.19 1.43 156.0 10.0 293.8 2.0 0
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18 10 12 285 11 159.2 0.169 1.255 0.009 445. 166. -2.7 0.0370 0.83 0.18 1.60 154.0 10.0 297.0 2.0 0
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18 10 12 285 12 174.6 0.167 1.416 0.008 584. 164. -2.4 0.0370 0.83 0.18 1.55 175.0 10.0 298.8 2.0 0
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18 10 12 285 13 173.4 0.240 1.494 0.009 689. 283. -7.2 0.0380 0.83 0.18 2.59 225.0 10.0 299.9 2.0 0
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18 10 12 285 14 155.3 0.319 1.478 0.009 745. 433. -18.7 0.0290 0.83 0.18 4.02 258.0 10.0 299.9 2.0 0
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18 10 12 285 15 120.7 0.313 1.436 0.009 879. 420. -22.7 0.0290 0.83 0.19 4.00 259.0 10.0 298.8 2.0 0
0.00 35. 1003. 0 ADJ-A1 NoSubs
18 10 12 285 16 72.1 0.178 1.242 0.009 952. 191. -7.0 0.0230 0.83 0.23 2.13 205.0 10.0 298.1 2.0 0
0.00 38. 1003. 0 ADJ-A1 NoSubs
18 10 12 285 17 12.0 0.188 0.682 0.009 948. 196. -49.8 0.0370 0.83 0.35 2.42 166.0 10.0 293.8 2.0 0
0.00 60. 1003. 0 ADJ-A1 NoSubs
18 10 12 285 18 -15.2 0.162 -9.000 -9.000 -999. 157. 29.0 0.0230 0.83 0.74 2.66 196.0 10.0 288.8 2.0 0
0.00 79. 1003. 0 ADJ-A1 NoSubs
18 10 12 285 19 -4.5 0.087 -9.000 -9.000 -999. 63. 13.1 0.0230 0.83 1.00 1.48 204.0 10.0 288.8 2.0 0
0.00 79. 1004. 0 ADJ-A1 NoSubs
18 10 12 285 20 -3.4 0.077 -9.000 -9.000 -999. 51. 11.8 0.0260 0.83 1.00 1.25 293.0 10.0 288.8 2.0 0
0.00 79. 1004. 0 ADJ-A1 NoSubs
18 10 12 285 21 -11.4 0.142 -9.000 -9.000 -999. 129. 22.6 0.0380 0.83 1.00 2.16 339.0 10.0 287.5 2.0 0
0.00 80. 1004. 0 ADJ-A1 NoSubs
18 10 12 285 22 -17.0 0.175 -9.000 -9.000 -999. 176. 33.7 0.0380 0.83 1.00 2.62 330.0 10.0 287.5 2.0 0
0.00 74. 1004. 0 ADJ-A1 NoSubs
18 10 12 285 23 -9.5 0.129 -9.000 -9.000 -999. 112. 20.4 0.0380 0.83 1.00 1.98 345.0 10.0 286.4 2.0 0
0.00 77. 1004. 0 ADJ-A1 NoSubs
18 10 12 285 24 -10.0 0.133 -9.000 -9.000 -999. 116. 21.0 0.0380 0.83 1.00 2.03 341.0 10.0 286.4 2.0 0
0.00 71. 1004. 0 ADJ-A1 NoSubs
18 10 13 286 1 -12.2 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.83 1.00 2.28 329.0 10.0 287.0 2.0 0
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18 10 13 286 2 -12.7 0.150 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 322.0 10.0 286.4 2.0 0
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18 10 13 286 4 -6.7 0.107 -9.000 -9.000 -999. 85. 16.5 0.0330 0.83 1.00 1.71 328.0 10.0 284.9 2.0 0
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18 10 13 286 6 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0330 0.83 1.00 1.84 310.0 10.0 283.8 2.0 0
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18 10 13 286 7 -6.6 0.109 -9.000 -9.000 -999. 87. 17.7 0.0380 0.83 0.61 1.69 347.0 10.0 284.9 2.0 0
0.00 71. 1005. 0 ADJ-A1 NoSubs
18 10 13 286 8 22.0 0.128 0.333 0.019 60. 110. -8.6 0.0340 0.83 0.31 1.45 147.0 10.0 288.1 2.0 0
0.00 59. 1006. 0 ADJ-A1 NoSubs
18 10 13 286 9 79.5 0.167 0.797 0.017 229. 164. -5.3 0.0330 0.83 0.22 1.79 56.0 10.0 290.9 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
18 10 13 286 10 125.6 0.208 0.988 0.013 276. 228. -6.5 0.0370 0.83 0.19 2.23 154.0 10.0 293.1 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
18 10 13 286 11 156.5 0.312 1.217 0.010 414. 418. -17.4 0.0380 0.83 0.18 3.69 232.0 10.0 294.2 2.0 0

0.00 63. 1007. 0 ADJ-A1 NoSubs
18 10 13 286 12 170.9 0.381 1.299 0.005 461. 564. -29.0 0.0380 0.83 0.18 4.70 235.0 10.0 294.2 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
18 10 13 286 13 168.5 0.396 1.346 0.005 519. 599. -33.1 0.0380 0.83 0.18 4.94 230.0 10.0 293.1 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
18 10 13 286 14 150.6 0.383 1.373 0.005 617. 570. -33.5 0.0380 0.83 0.18 4.78 225.0 10.0 293.8 2.0 0
0.00 62. 1005. 0 ADJ-A1 NoSubs
18 10 13 286 15 116.3 0.310 1.389 0.005 827. 418. -23.0 0.0290 0.83 0.19 3.97 250.0 10.0 293.1 2.0 0
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18 10 13 286 16 67.3 0.253 1.210 0.005 944. 307. -21.5 0.0290 0.83 0.23 3.22 246.0 10.0 291.4 2.0 0
0.00 65. 1005. 0 ADJ-A1 NoSubs
18 10 13 286 17 8.9 0.234 0.618 0.005 949. 272. -129.3 0.0380 0.83 0.35 3.13 232.0 10.0 289.9 2.0 0
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18 10 13 286 18 -11.9 0.146 -9.000 -9.000 -999. 136. 23.4 0.0380 0.83 0.75 2.21 235.0 10.0 286.4 2.0 0
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18 10 14 287 6 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0310 0.83 1.00 1.40 14.0 10.0 286.4 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
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18 10 14 287 11 154.2 0.222 1.287 0.021 498. 251. -6.4 0.0370 0.83 0.18 2.37 168.0 10.0 292.0 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
18 10 14 287 12 168.6 0.318 1.336 0.018 509. 430. -17.1 0.0380 0.83 0.18 3.75 222.0 10.0 292.0 2.0 0
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18 10 14 287 13 166.8 0.341 1.341 0.015 520. 478. -21.4 0.0290 0.83 0.18 4.34 251.0 10.0 292.5 2.0 0
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18 10 14 287 14 148.4 0.375 1.298 0.011 531. 552. -32.1 0.0290 0.83 0.18 4.92 257.0 10.0 292.0 2.0 0

0.00 62. 1008. 0 ADJ-A1 NoSubs
18 10 14 287 15 114.1 0.350 1.198 0.011 542. 498. -33.9 0.0290 0.83 0.19 4.61 258.0 10.0 291.4 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
18 10 14 287 16 65.3 0.339 1.007 0.011 563. 474. -53.6 0.0290 0.83 0.23 4.58 251.0 10.0 290.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 10 14 287 17 7.1 0.241 0.480 0.011 563. 289. -178.9 0.0290 0.83 0.36 3.42 257.0 10.0 288.8 2.0 0
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18 10 14 287 18 -10.0 0.131 -9.000 -9.000 -999. 121. 20.3 0.0290 0.83 1.00 2.10 269.0 10.0 287.0 2.0 0
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18 10 14 287 19 -1.4 0.059 -9.000 -9.000 -999. 37. 13.1 0.0290 0.83 1.00 0.65 250.0 10.0 286.4 2.0 0
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18 10 14 287 20 -2.6 0.070 -9.000 -9.000 -999. 44. 11.5 0.0330 0.83 1.00 1.03 306.0 10.0 285.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 10 14 287 21 -9.2 0.126 -9.000 -9.000 -999. 108. 19.8 0.0380 0.83 1.00 1.94 338.0 10.0 284.2 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 10 14 287 22 -10.3 0.134 -9.000 -9.000 -999. 118. 21.1 0.0380 0.83 1.00 2.05 334.0 10.0 283.8 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 14 287 23 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.83 1.00 1.93 339.0 10.0 283.1 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 14 287 24 -9.5 0.128 -9.000 -9.000 -999. 110. 19.8 0.0330 0.83 1.00 2.01 328.0 10.0 282.5 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 15 288 1 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.83 1.00 2.27 334.0 10.0 282.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 15 288 2 -11.4 0.141 -9.000 -9.000 -999. 128. 22.3 0.0380 0.83 1.00 2.15 337.0 10.0 282.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 15 288 3 -7.4 0.112 -9.000 -9.000 -999. 90. 17.4 0.0380 0.83 1.00 1.74 343.0 10.0 280.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
18 10 15 288 4 -10.2 0.133 -9.000 -9.000 -999. 116. 20.8 0.0380 0.83 1.00 2.03 336.0 10.0 280.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 10 15 288 5 -6.5 0.105 -9.000 -9.000 -999. 82. 16.2 0.0380 0.83 1.00 1.64 332.0 10.0 280.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 15 288 6 -8.5 0.121 -9.000 -9.000 -999. 101. 18.7 0.0380 0.83 1.00 1.86 333.0 10.0 280.4 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 15 288 7 -9.7 0.132 -9.000 -9.000 -999. 115. 21.2 0.0380 0.83 0.63 2.01 335.0 10.0 280.9 2.0 0
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18 10 15 288 8 18.9 0.116 0.559 0.010 333. 95. -7.5 0.0380 0.83 0.32 1.26 333.0 10.0 285.4 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 9 76.4 0.136 0.907 0.008 354. 120. -2.9 0.0300 0.83 0.22 1.37 111.0 10.0 289.2 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 10 123.0 0.186 1.088 0.006 379. 193. -4.8 0.0300 0.83 0.19 2.01 113.0 10.0 293.1 2.0 0
0.00 35. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 11 155.4 0.173 1.313 0.005 527. 173. -3.0 0.0300 0.83 0.18 1.76 96.0 10.0 297.5 2.0 0
0.00 22. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 12 171.0 0.196 1.553 0.005 793. 208. -4.0 0.0300 0.83 0.18 2.06 100.0 10.0 299.9 2.0 0
0.00 17. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 13 169.7 0.222 1.800 0.010 1244. 251. -5.8 0.0230 0.83 0.18 2.60 191.0 10.0 300.9 2.0 0
0.00 21. 1013. 0 ADJ-A1 NoSubs
18 10 15 288 14 149.7 0.380 1.818 0.011 1453. 561. -33.0 0.0380 0.83 0.18 4.73 233.0 10.0 298.1 2.0
0 0.00 23. 1013. 0 ADJ-A1 NoSubs
18 10 15 288 15 115.3 0.319 1.669 0.011 1460. 435. -25.5 0.0290 0.83 0.20 4.12 253.0 10.0 297.5 2.0
0 0.00 21. 1013. 0 ADJ-A1 NoSubs
18 10 15 288 16 66.3 0.252 1.390 0.010 1464. 306. -21.9 0.0380 0.83 0.24 3.05 231.0 10.0 296.4 2.0 0
0.00 26. 1013. 0 ADJ-A1 NoSubs
18 10 15 288 17 6.4 0.232 0.639 0.011 1463. 268. -175.4 0.0230 0.83 0.36 3.42 205.0 10.0 290.9 2.0 0

0.00 67. 1013. 0 ADJ-A1 NoSubs
18 10 15 288 18 -22.1 0.225 -9.000 -9.000 -999. 256. 55.7 0.0370 0.83 1.00 3.34 171.0 10.0 288.8 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 19 -14.2 0.157 -9.000 -9.000 -999. 151. 27.2 0.0300 0.83 1.00 2.47 95.0 10.0 288.1 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 20 -9.2 0.126 -9.000 -9.000 -999. 107. 19.6 0.0330 0.83 1.00 1.98 48.0 10.0 287.0 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 21 -8.6 0.121 -9.000 -9.000 -999. 101. 18.7 0.0310 0.83 1.00 1.93 3.0 10.0 285.9 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 22 -13.4 0.154 -9.000 -9.000 -999. 144. 25.9 0.0380 0.83 1.00 2.32 339.0 10.0 284.2 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 23 -17.1 0.174 -9.000 -9.000 -999. 175. 33.4 0.0380 0.83 1.00 2.61 335.0 10.0 283.8 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
18 10 15 288 24 -17.3 0.175 -9.000 -9.000 -999. 176. 33.7 0.0380 0.83 1.00 2.62 333.0 10.0 283.1 2.0 0
0.00 70. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 1 -14.9 0.162 -9.000 -9.000 -999. 157. 28.9 0.0380 0.83 1.00 2.44 338.0 10.0 282.5 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 2 -16.2 0.169 -9.000 -9.000 -999. 167. 31.5 0.0380 0.83 1.00 2.54 332.0 10.0 283.1 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 3 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.83 1.00 2.27 336.0 10.0 282.0 2.0 0
0.00 62. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 4 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0380 0.83 1.00 1.43 345.0 10.0 281.4 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 5 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0310 0.83 1.00 1.42 7.0 10.0 281.4 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 6 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.83 1.00 1.67 342.0 10.0 280.4 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 7 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0330 0.83 0.64 1.48 318.0 10.0 280.9 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 8 18.0 0.096 0.294 0.017 51. 72. -4.5 0.0330 0.83 0.32 1.01 50.0 10.0 285.9 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 9 75.0 0.126 0.766 0.015 217. 107. -2.4 0.0230 0.83 0.22 1.31 188.0 10.0 288.8 2.0 0
0.00 41. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 10 121.3 0.175 1.011 0.012 308. 176. -4.0 0.0370 0.83 0.19 1.76 152.0 10.0 292.0 2.0 0
0.00 35. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 11 152.7 0.187 1.168 0.008 378. 194. -3.9 0.0230 0.83 0.18 2.08 196.0 10.0 294.9 2.0 0
0.00 30. 1014. 0 ADJ-A1 NoSubs
18 10 16 289 12 167.2 0.267 1.267 0.005 440. 331. -10.3 0.0380 0.83 0.18 3.00 213.0 10.0 295.4 2.0 0
0.00 28. 1013. 0 ADJ-A1 NoSubs
18 10 16 289 13 165.1 0.270 1.360 0.005 551. 338. -10.8 0.0290 0.83 0.18 3.23 257.0 10.0 295.4 2.0 0
0.00 30. 1012. 0 ADJ-A1 NoSubs
18 10 16 289 14 146.5 0.308 1.498 0.005 829. 411. -18.1 0.0380 0.83 0.18 3.66 228.0 10.0 294.9 2.0 0
0.00 31. 1012. 0 ADJ-A1 NoSubs
18 10 16 289 15 111.6 0.302 1.441 0.007 969. 398. -22.2 0.0290 0.83 0.20 3.85 253.0 10.0 293.1 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
18 10 16 289 16 62.3 0.283 1.213 0.007 1033. 361. -32.7 0.0290 0.83 0.24 3.71 241.0 10.0 290.9 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
18 10 16 289 17 3.7 0.251 0.470 0.007 1022. 302. -389.9 0.0230 0.83 0.37 3.76 205.0 10.0 287.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 16 289 18 -15.4 0.166 -9.000 -9.000 -999. 165. 30.2 0.0380 0.83 1.00 2.49 212.0 10.0 285.4 2.0 0
0.00 96. 1012. 5 ADJ-A1 NoSubs
18 10 16 289 19 -6.5 0.105 -9.000 -9.000 -999. 83. 16.3 0.0340 0.83 1.00 1.67 146.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 10 16 289 20 -6.1 0.102 -9.000 -9.000 -999. 78. 15.5 0.0300 0.83 1.00 1.65 103.0 10.0 285.9 2.0 0

0.00 92. 1013. 10 ADJ-A1 NoSubs
18 10 16 289 21 -3.4 0.077 -9.000 -9.000 -999. 51. 11.9 0.0290 0.83 1.00 1.23 85.0 10.0 285.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 10 16 289 22 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0330 0.83 1.00 1.45 32.0 10.0 285.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 10 16 289 23 -4.1 0.083 -9.000 -9.000 -999. 58. 12.7 0.0290 0.83 1.00 1.35 70.0 10.0 284.9 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 10 16 289 24 -4.2 0.084 -9.000 -9.000 -999. 58. 12.8 0.0310 0.83 1.00 1.35 18.0 10.0 283.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 10 17 290 1 -3.6 0.078 -9.000 -9.000 -999. 52. 11.9 0.0260 0.83 1.00 1.28 285.0 10.0 281.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 10 17 290 2 -4.8 0.090 -9.000 -9.000 -999. 64. 13.6 0.0330 0.83 1.00 1.43 311.0 10.0 279.9 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
18 10 17 290 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.0 0.0380 0.83 1.00 1.30 330.0 10.0 280.4 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
18 10 17 290 4 -3.9 0.081 -9.000 -9.000 -999. 55. 12.2 0.0260 0.83 1.00 1.33 296.0 10.0 279.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 17 290 5 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0330 0.83 1.00 1.48 35.0 10.0 279.9 2.0 0
0.00 95. 1013. 10 ADJ-A1 NoSubs
18 10 17 290 6 -4.8 0.090 -9.000 -9.000 -999. 65. 13.8 0.0380 0.83 1.00 1.40 356.0 10.0 278.1 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
18 10 17 290 7 -4.8 0.091 -9.000 -9.000 -999. 66. 14.3 0.0380 0.83 0.65 1.42 340.0 10.0 279.9 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
18 10 17 290 8 16.4 0.098 0.385 0.023 125. 74. -5.2 0.0330 0.83 0.32 1.05 327.0 10.0 284.2 2.0 0
0.00 71. 1014. 0 ADJ-A1 Sub_CC
18 10 17 290 9 73.0 0.137 0.825 0.023 278. 122. -3.2 0.0370 0.83 0.22 1.33 158.0 10.0 286.4 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
18 10 17 290 10 118.9 0.158 1.058 0.023 360. 150. -3.0 0.0340 0.83 0.19 1.55 133.0 10.0 289.2 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
18 10 17 290 11 150.6 0.183 1.172 0.020 386. 188. -3.7 0.0370 0.83 0.18 1.82 170.0 10.0 293.1 2.0 0
0.00 44. 1013. 0 ADJ-A1 NoSubs
18 10 17 290 12 165.6 0.217 1.231 0.016 408. 243. -5.6 0.0370 0.83 0.18 2.28 154.0 10.0 294.9 2.0 0
0.00 44. 1013. 0 ADJ-A1 NoSubs
18 10 17 290 13 164.0 0.256 1.250 0.013 431. 310. -9.2 0.0230 0.83 0.18 3.15 194.0 10.0 295.9 2.0 0
0.00 37. 1012. 0 ADJ-A1 NoSubs
18 10 17 290 14 144.3 0.326 1.269 0.011 511. 446. -21.6 0.0290 0.83 0.18 4.15 241.0 10.0 293.1 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
18 10 17 290 15 109.6 0.290 1.206 0.010 579. 375. -20.0 0.0380 0.83 0.20 3.47 233.0 10.0 292.0 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
18 10 17 290 16 60.7 0.280 0.999 0.009 594. 356. -32.7 0.0380 0.83 0.24 3.49 227.0 10.0 290.9 2.0 0
0.00 55. 1012. 0 ADJ-A1 NoSubs
18 10 17 290 17 2.6 0.225 0.351 0.009 592. 256. -387.9 0.0380 0.83 0.38 3.08 217.0 10.0 288.1 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
18 10 17 290 18 -12.3 0.147 -9.000 -9.000 -999. 137. 23.8 0.0380 0.83 1.00 2.23 224.0 10.0 285.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 10 17 290 19 -2.5 0.067 -9.000 -9.000 -999. 44. 10.9 0.0230 0.83 1.00 1.04 195.0 10.0 286.4 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
18 10 17 290 20 -6.0 0.102 -9.000 -9.000 -999. 78. 15.8 0.0370 0.83 1.00 1.59 163.0 10.0 287.0 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 10 17 290 21 -5.9 0.100 -9.000 -9.000 -999. 76. 15.2 0.0300 0.83 1.00 1.62 96.0 10.0 287.0 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
18 10 17 290 22 -5.3 0.095 -9.000 -9.000 -999. 70. 14.4 0.0290 0.83 1.00 1.55 79.0 10.0 287.0 2.0 0
0.00 86. 1014. 10 ADJ-A1 NoSubs
18 10 17 290 23 -4.3 0.085 -9.000 -9.000 -999. 59. 12.9 0.0290 0.83 1.00 1.38 64.0 10.0 286.4 2.0 0

0.00 86. 1014. 10 ADJ-A1 NoSubs
18 10 17 290 24 -4.4 0.086 -9.000 -9.000 -999. 61. 13.3 0.0340 0.83 1.00 1.37 135.0 10.0 285.9 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
18 10 18 291 1 -5.5 0.096 -9.000 -9.000 -999. 72. 14.8 0.0330 0.83 1.00 1.54 37.0 10.0 285.9 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
18 10 18 291 2 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.83 1.00 1.50 352.0 10.0 284.9 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
18 10 18 291 3 -5.9 0.101 -9.000 -9.000 -999. 77. 15.6 0.0380 0.83 1.00 1.57 360.0 10.0 284.9 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
18 10 18 291 4 -6.3 0.104 -9.000 -9.000 -999. 81. 16.1 0.0380 0.83 1.00 1.62 358.0 10.0 284.2 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
18 10 18 291 5 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.83 1.00 1.47 337.0 10.0 283.8 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 10 18 291 6 -4.3 0.086 -9.000 -9.000 -999. 60. 13.3 0.0380 0.83 1.00 1.33 335.0 10.0 282.5 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 10 18 291 7 -2.1 0.064 -9.000 -9.000 -999. 39. 11.5 0.0310 0.83 0.66 0.89 27.0 10.0 283.1 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
18 10 18 291 8 0.8 0.096 0.116 0.019 70. 71. -98.5 0.0330 0.83 0.33 1.30 31.0 10.0 283.1 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
18 10 18 291 9 15.0 0.117 0.464 0.024 240. 96. -9.7 0.0330 0.83 0.22 1.35 42.0 10.0 284.2 2.0 0
0.00 89. 1015. 10 ADJ-A1 NoSubs
18 10 18 291 10 117.0 0.151 1.131 0.024 448. 141. -2.7 0.0330 0.83 0.19 1.47 50.0 10.0 287.5 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
18 10 18 291 11 148.8 0.164 1.255 0.022 481. 160. -2.7 0.0340 0.83 0.18 1.59 137.0 10.0 292.0 2.0 0
0.00 51. 1015. 0 ADJ-A1 NoSubs
18 10 18 291 12 163.4 0.250 1.309 0.019 497. 301. -8.7 0.0380 0.83 0.18 2.76 217.0 10.0 293.1 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
18 10 18 291 13 162.0 0.299 1.319 0.017 513. 393. -15.0 0.0290 0.83 0.18 3.69 240.0 10.0 294.9 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
18 10 18 291 14 143.2 0.295 1.277 0.015 526. 385. -16.2 0.0380 0.83 0.18 3.47 215.0 10.0 294.2 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
18 10 18 291 15 108.8 0.251 1.172 0.013 535. 302. -13.1 0.0230 0.83 0.20 3.20 204.0 10.0 293.8 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
18 10 18 291 16 59.8 0.245 0.964 0.012 540. 291. -22.2 0.0230 0.83 0.24 3.27 185.0 10.0 292.5 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
18 10 18 291 17 2.0 0.205 0.313 0.012 540. 223. -380.3 0.0230 0.83 0.38 3.07 181.0 10.0 290.4 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
18 10 18 291 18 -15.3 0.165 -9.000 -9.000 -999. 161. 29.9 0.0370 0.83 1.00 2.49 157.0 10.0 287.5 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 10 18 291 19 -8.6 0.121 -9.000 -9.000 -999. 101. 18.7 0.0300 0.83 1.00 1.94 113.0 10.0 286.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 18 291 20 -9.8 0.130 -9.000 -9.000 -999. 113. 20.4 0.0340 0.83 1.00 2.03 130.0 10.0 286.4 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 10 18 291 21 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0290 0.83 1.00 1.52 78.0 10.0 286.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 10 18 291 22 -3.1 0.073 -9.000 -9.000 -999. 48. 11.7 0.0310 0.83 1.00 1.14 22.0 10.0 286.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 10 18 291 23 -2.5 0.068 -9.000 -9.000 -999. 42. 11.4 0.0310 0.83 1.00 0.99 1.0 10.0 284.9 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
18 10 18 291 24 -2.7 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.83 1.00 1.01 348.0 10.0 283.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 10 19 292 1 -4.6 0.088 -9.000 -9.000 -999. 63. 13.6 0.0380 0.83 1.00 1.37 344.0 10.0 282.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
18 10 19 292 2 -2.4 0.068 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.94 353.0 10.0 282.0 2.0 0

0.00 92. 1014. 0 ADJ-A1 NoSubs
18 10 19 292 3 -14.0 0.157 -9.000 -9.000 -999. 149. 27.1 0.0380 0.83 1.00 2.37 331.0 10.0 282.0 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 19 292 4 -2.5 0.069 -9.000 -9.000 -999. 47. 11.8 0.0380 0.83 1.00 0.96 336.0 10.0 281.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 19 292 5 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.55 335.0 10.0 281.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 10 19 292 6 -4.6 0.088 -9.000 -9.000 -999. 63. 13.6 0.0380 0.83 1.00 1.37 336.0 10.0 280.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 10 19 292 7 -2.3 0.066 -9.000 -9.000 -999. 41. 11.5 0.0330 0.83 0.67 0.94 326.0 10.0 281.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 10 19 292 8 14.6 0.088 0.331 0.021 89. 63. -4.3 0.0380 0.83 0.33 0.89 342.0 10.0 285.9 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
18 10 19 292 9 71.2 0.110 0.769 0.021 231. 87. -1.7 0.0330 0.83 0.23 0.99 326.0 10.0 288.8 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
18 10 19 292 10 117.5 0.130 0.982 0.018 291. 112. -1.7 0.0370 0.83 0.19 1.14 174.0 10.0 292.5 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
18 10 19 292 11 149.4 0.168 1.136 0.014 355. 165. -2.9 0.0340 0.83 0.18 1.64 142.0 10.0 296.4 2.0 0
0.00 40. 1014. 0 ADJ-A1 NoSubs
18 10 19 292 12 165.0 0.187 1.238 0.011 416. 194. -3.6 0.0230 0.83 0.18 2.06 187.0 10.0 299.2 2.0 0
0.00 34. 1013. 0 ADJ-A1 NoSubs
18 10 19 292 13 163.8 0.224 1.286 0.008 469. 255. -6.2 0.0380 0.83 0.18 2.37 212.0 10.0 300.9 2.0 0
0.00 27. 1012. 0 ADJ-A1 NoSubs
18 10 19 292 14 144.9 0.269 1.309 0.006 559. 335. -12.1 0.0290 0.83 0.18 3.25 252.0 10.0 300.4 2.0 0
0.00 27. 1011. 0 ADJ-A1 NoSubs
18 10 19 292 15 110.7 0.253 1.245 0.005 629. 305. -13.2 0.0290 0.83 0.20 3.08 267.0 10.0 300.4 2.0 0
0.00 21. 1011. 0 ADJ-A1 NoSubs
18 10 19 292 16 61.9 0.221 1.045 0.005 664. 250. -15.7 0.0290 0.83 0.24 2.74 247.0 10.0 299.9 2.0 0
0.00 23. 1011. 0 ADJ-A1 NoSubs
18 10 19 292 17 0.9 0.251 0.257 0.005 647. 302. -1510.0 0.0230 0.83 0.39 3.80 182.0 10.0 290.9 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 10 19 292 18 -17.1 0.173 -9.000 -9.000 -999. 175. 33.1 0.0230 0.83 1.00 2.83 190.0 10.0 287.5 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
18 10 19 292 19 -8.8 0.122 -9.000 -9.000 -999. 103. 18.5 0.0230 0.83 1.00 2.04 201.0 10.0 286.4 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 10 19 292 20 -5.9 0.101 -9.000 -9.000 -999. 77. 15.6 0.0380 0.83 1.00 1.57 227.0 10.0 284.9 2.0 0
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18 10 19 292 21 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0330 0.83 1.00 1.33 303.0 10.0 285.4 2.0 0
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18 10 19 292 22 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.83 1.00 1.69 309.0 10.0 284.9 2.0 0
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18 10 19 292 23 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.83 1.00 1.79 330.0 10.0 284.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 19 292 24 -2.4 0.068 -9.000 -9.000 -999. 43. 11.5 0.0330 0.83 1.00 0.97 310.0 10.0 283.8 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 1 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0330 0.83 1.00 1.74 329.0 10.0 283.1 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 2 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.83 1.00 1.55 333.0 10.0 283.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 3 -5.2 0.094 -9.000 -9.000 -999. 70. 14.5 0.0380 0.83 1.00 1.47 332.0 10.0 282.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 4 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.11 342.0 10.0 282.0 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 5 -9.7 0.130 -9.000 -9.000 -999. 112. 20.3 0.0380 0.83 1.00 1.99 336.0 10.0 282.0 2.0 0

0.00 85. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 6 -4.9 0.092 -9.000 -9.000 -999. 67. 14.1 0.0380 0.83 1.00 1.43 341.0 10.0 281.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 7 -4.1 0.084 -9.000 -9.000 -999. 58. 13.2 0.0380 0.83 0.68 1.30 346.0 10.0 282.0 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 8 13.7 0.098 0.364 0.028 127. 74. -6.2 0.0380 0.83 0.33 1.04 343.0 10.0 286.4 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 9 70.9 0.116 0.721 0.025 190. 95. -2.0 0.0330 0.83 0.23 1.08 308.0 10.0 291.4 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 10 116.5 0.197 0.908 0.021 232. 210. -5.9 0.0370 0.83 0.19 2.08 176.0 10.0 293.1 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
18 10 20 293 11 147.8 0.212 1.047 0.016 280. 234. -5.8 0.0370 0.83 0.18 2.23 178.0 10.0 295.9 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
18 10 20 293 12 163.0 0.251 1.166 0.013 351. 301. -8.7 0.0370 0.83 0.18 2.78 176.0 10.0 298.1 2.0 0
0.00 36. 1009. 0 ADJ-A1 NoSubs
18 10 20 293 13 161.1 0.294 1.232 0.010 417. 383. -14.2 0.0380 0.83 0.18 3.41 215.0 10.0 298.8 2.0 0
0.00 34. 1009. 0 ADJ-A1 NoSubs
18 10 20 293 14 141.6 0.268 1.234 0.008 477. 334. -12.3 0.0230 0.83 0.18 3.40 209.0 10.0 297.0 2.0 0
0.00 39. 1008. 0 ADJ-A1 NoSubs
18 10 20 293 15 106.7 0.264 1.154 0.007 518. 325. -15.4 0.0230 0.83 0.20 3.41 188.0 10.0 295.9 2.0 0
0.00 43. 1008. 0 ADJ-A1 NoSubs
18 10 20 293 16 57.7 0.261 0.952 0.007 538. 320. -27.7 0.0230 0.83 0.25 3.54 194.0 10.0 294.9 2.0 0
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0 0.00 72. 1008. 0 ADJ-A1 NoSubs
18 10 20 293 18 -15.2 0.165 -9.000 -9.000 -999. 161. 29.9 0.0370 0.83 1.00 2.49 164.0 10.0 287.5 2.0 0
0.00 93. 1008. 0 ADJ-A1 NoSubs
18 10 20 293 19 -9.8 0.131 -9.000 -9.000 -999. 114. 20.5 0.0340 0.83 1.00 2.04 145.0 10.0 286.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 10 20 293 20 -8.3 0.119 -9.000 -9.000 -999. 98. 18.3 0.0300 0.83 1.00 1.91 118.0 10.0 286.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 10 20 293 21 -10.6 0.136 -9.000 -9.000 -999. 120. 21.3 0.0340 0.83 1.00 2.11 126.0 10.0 285.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 20 293 22 -5.0 0.092 -9.000 -9.000 -999. 67. 14.0 0.0300 0.83 1.00 1.50 118.0 10.0 285.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 10 20 293 23 -3.1 0.074 -9.000 -9.000 -999. 48. 11.6 0.0290 0.83 1.00 1.16 87.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 20 293 24 -3.9 0.081 -9.000 -9.000 -999. 56. 12.5 0.0300 0.83 1.00 1.31 113.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 21 294 1 -2.9 0.071 -9.000 -9.000 -999. 45. 11.0 0.0230 0.83 1.00 1.14 187.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 21 294 2 -3.3 0.076 -9.000 -9.000 -999. 50. 11.8 0.0290 0.83 1.00 1.21 79.0 10.0 284.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 21 294 3 -3.9 0.082 -9.000 -9.000 -999. 56. 12.8 0.0380 0.83 1.00 1.26 352.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 21 294 4 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0380 0.83 1.00 1.35 334.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 21 294 5 -2.2 0.066 -9.000 -9.000 -999. 41. 11.6 0.0330 0.83 1.00 0.92 307.0 10.0 283.1 2.0 0
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18 10 21 294 6 -2.2 0.065 -9.000 -9.000 -999. 40. 11.2 0.0260 0.83 1.00 0.95 296.0 10.0 282.5 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 21 294 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.69 0.00 0.0 10.0 282.5 2.0
0 0.00 100. 1009. 10 ADJ-SFC NoSubs
18 10 21 294 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.34 0.00 0.0 10.0 282.5 2.0

0 0.00 100. 1010. 10 ADJ-SFC NoSubs
18 10 21 294 9 14.1 0.186 0.434 0.030 209. 193. -41.4 0.0380 0.83 0.23 2.36 212.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-SFC NoSubs
18 10 21 294 10 113.2 0.215 1.073 0.031 392. 239. -7.9 0.0370 0.83 0.19 2.36 161.0 10.0 288.1 2.0 0
0.00 77. 1009. 0 ADJ-SFC NoSubs
18 10 21 294 11 144.4 0.214 1.207 0.029 439. 238. -6.1 0.0317 0.83 0.18 2.36 999.0 10.0 291.4 2.0 0
0.00 60. 1009. 0 ADJ-SFC NoSubs
18 10 21 294 12 158.7 0.329 1.260 0.026 454. 453. -20.2 0.0230 0.83 0.18 4.36 186.0 10.0 292.0 2.0 0
0.00 62. 1009. 0 ADJ-SFC NoSubs
18 10 21 294 13 156.6 0.360 1.267 0.013 467. 517. -26.7 0.0230 0.83 0.18 4.86 206.0 10.0 292.5 2.0 0
0.00 56. 1008. 0 ADJ-SFC NoSubs
18 10 21 294 14 138.5 0.265 1.226 0.021 478. 333. -12.1 0.0230 0.83 0.18 3.36 205.0 10.0 293.8 2.0 0
0.00 48. 1007. 0 ADJ-SFC NoSubs
18 10 21 294 15 103.5 0.280 1.118 0.019 486. 356. -19.1 0.0370 0.83 0.20 3.36 166.0 10.0 292.0 2.0 0
0.00 60. 1007. 0 ADJ-SFC NoSubs
18 10 21 294 16 54.2 0.298 0.904 0.018 489. 389. -43.7 0.0340 0.83 0.25 3.86 147.0 10.0 289.9 2.0 0
0.00 77. 1007. 0 ADJ-SFC NoSubs
18 10 21 294 17 -2.9 0.273 -9.000 -9.000 -999. 343. 637.0 0.0370 0.83 0.40 3.86 156.0 10.0 288.1 2.0 0
0.00 83. 1007. 0 ADJ-SFC NoSubs
18 10 21 294 18 -21.9 0.223 -9.000 -9.000 -999. 253. 54.6 0.0340 0.83 1.00 3.36 126.0 10.0 287.0 2.0 0
0.00 89. 1008. 0 ADJ-SFC NoSubs
18 10 21 294 19 -12.8 0.150 -9.000 -9.000 -999. 141. 24.6 0.0300 0.83 1.00 2.36 105.0 10.0 286.4 2.0 0
0.00 89. 1008. 3 ADJ-SFC NoSubs
18 10 21 294 20 -18.0 0.183 -9.000 -9.000 -999. 187. 36.7 0.0290 0.83 1.00 2.86 82.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
18 10 21 294 21 -6.9 0.108 -9.000 -9.000 -999. 87. 16.5 0.0290 0.83 1.00 1.76 82.0 10.0 286.4 2.0 0
0.00 89. 1009. 10 ADJ-SFC NoSubs
18 10 21 294 22 -7.2 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.76 50.0 10.0 285.9 2.0 0
0.00 92. 1009. 5 ADJ-SFC NoSubs
18 10 21 294 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 92. 1009. 0 ADJ-SFC NoSubs
18 10 21 294 24 -7.2 0.111 -9.000 -9.000 -999. 88. 17.0 0.0330 0.83 1.00 1.76 323.0 10.0 283.8 2.0 0
0.00 96. 1009. 0 ADJ-SFC NoSubs
18 10 22 295 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 282.5 2.0
0 0.00 96. 1009. 5 ADJ-SFC NoSubs
18 10 22 295 2 -4.5 0.088 -9.000 -9.000 -999. 62. 13.6 0.0380 0.83 1.00 1.36 355.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 22 295 3 -3.2 0.076 -9.000 -9.000 -999. 50. 12.1 0.0380 0.83 1.00 1.14 353.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 22 295 4 -2.5 0.068 -9.000 -9.000 -999. 43. 11.4 0.0310 0.83 1.00 1.01 24.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 10 22 295 5 -2.6 0.070 -9.000 -9.000 -999. 44. 11.8 0.0380 0.83 1.00 0.99 358.0 10.0 284.2 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 10 22 295 6 -2.5 0.069 -9.000 -9.000 -999. 43. 11.6 0.0340 0.83 1.00 0.99 127.0 10.0 284.2 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
18 10 22 295 7 -2.8 0.071 -9.000 -9.000 -999. 46. 11.5 0.0310 0.83 0.70 1.09 12.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 22 295 8 -0.1 0.079 -9.000 -9.000 -999. 53. 800.4 0.0330 0.83 0.34 1.14 327.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
18 10 22 295 9 13.9 0.123 0.605 0.028 571. 103. -12.0 0.0380 0.83 0.23 1.40 337.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 10 22 295 10 25.2 0.119 0.738 0.028 574. 99. -6.1 0.0380 0.83 0.19 1.26 239.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 10 22 295 11 33.2 0.123 0.811 0.028 577. 103. -5.0 0.0380 0.83 0.18 1.26 331.0 10.0 287.0 2.0 0

0.00 80. 1009. 10 ADJ-A1 NoSubs
18 10 22 295 12 156.6 0.225 1.372 0.025 593. 256. -6.6 0.0380 0.83 0.18 2.40 229.0 10.0 290.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
18 10 22 295 13 154.1 0.319 1.369 0.023 599. 432. -18.9 0.0380 0.83 0.18 3.80 229.0 10.0 289.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
18 10 22 295 14 135.6 0.298 1.316 0.021 604. 391. -17.6 0.0290 0.83 0.19 3.73 241.0 10.0 290.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 10 22 295 15 101.3 0.278 1.196 0.020 608. 353. -19.1 0.0380 0.83 0.20 3.32 230.0 10.0 290.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 10 22 295 16 52.4 0.303 0.962 0.019 609. 399. -47.5 0.0380 0.83 0.25 3.86 225.0 10.0 289.2 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
18 10 22 295 17 -3.3 0.209 -9.000 -9.000 -999. 233. 243.9 0.0230 0.83 0.40 3.25 180.0 10.0 287.5 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
18 10 22 295 18 -19.0 0.193 -9.000 -9.000 -999. 203. 40.8 0.0370 0.83 1.00 2.88 155.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
18 10 22 295 19 -13.8 0.155 -9.000 -9.000 -999. 147. 26.5 0.0300 0.83 1.00 2.44 111.0 10.0 286.4 2.0 0
0.00 86. 1009. 3 ADJ-A1 NoSubs
18 10 22 295 20 -17.6 0.178 -9.000 -9.000 -999. 180. 34.8 0.0290 0.83 1.00 2.79 68.0 10.0 285.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 10 22 295 21 -12.8 0.150 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 56.0 10.0 285.4 2.0 0
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18 10 22 295 22 -9.0 0.124 -9.000 -9.000 -999. 105. 19.2 0.0310 0.83 1.00 1.98 23.0 10.0 284.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 10 22 295 23 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0380 0.83 1.00 1.81 357.0 10.0 283.1 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 10 22 295 24 -8.5 0.121 -9.000 -9.000 -999. 102. 18.9 0.0380 0.83 1.00 1.87 333.0 10.0 283.1 2.0 0
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18 10 23 296 1 -9.7 0.130 -9.000 -9.000 -999. 112. 20.4 0.0380 0.83 1.00 1.99 341.0 10.0 282.5 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
18 10 23 296 2 -6.6 0.105 -9.000 -9.000 -999. 81. 15.7 0.0260 0.83 1.00 1.74 298.0 10.0 281.4 2.0 0
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18 10 23 296 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0380 0.83 1.00 1.30 341.0 10.0 282.0 2.0 0
0.00 95. 1010. 5 ADJ-A1 NoSubs
18 10 23 296 4 -6.7 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.83 1.00 1.67 359.0 10.0 283.1 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 10 23 296 5 -3.1 0.075 -9.000 -9.000 -999. 49. 11.9 0.0340 0.83 1.00 1.14 143.0 10.0 283.8 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
18 10 23 296 6 -6.2 0.102 -9.000 -9.000 -999. 79. 15.6 0.0310 0.83 1.00 1.65 3.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
18 10 23 296 7 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.83 0.71 1.09 36.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 10 23 296 8 -0.1 0.165 -9.000 -9.000 -999. 161. 4778.7 0.0300 0.83 0.34 2.40 107.0 10.0 285.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 10 23 296 9 14.0 0.193 0.595 0.027 540. 203. -46.1 0.0300 0.83 0.23 2.57 117.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 10 23 296 10 110.7 0.275 1.294 0.026 707. 347. -17.0 0.0300 0.83 0.20 3.41 118.0 10.0 288.8 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
18 10 23 296 11 141.2 0.228 1.420 0.024 733. 263. -7.6 0.0230 0.83 0.18 2.76 188.0 10.0 290.4 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
18 10 23 296 12 155.2 0.367 1.479 0.023 753. 534. -28.8 0.0290 0.83 0.18 4.78 261.0 10.0 290.4 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
18 10 23 296 13 152.8 0.284 1.480 0.021 766. 366. -13.4 0.0380 0.83 0.18 3.27 229.0 10.0 290.4 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
18 10 23 296 14 134.0 0.295 1.421 0.020 772. 385. -17.3 0.0230 0.83 0.19 3.86 188.0 10.0 289.9 2.0 0

0.00 69. 1010. 0 ADJ-A1 NoSubs
18 10 23 296 15 100.0 0.204 1.292 0.019 776. 224. -7.6 0.0230 0.83 0.20 2.46 198.0 10.0 290.9 2.0 0
0.00 64. 1010. 0 ADJ-A1 Sub_CC
18 10 23 296 16 51.4 0.178 1.036 0.018 778. 181. -10.0 0.0370 0.83 0.25 2.01 155.0 10.0 290.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
18 10 23 296 17 -2.5 0.146 -9.000 -9.000 -999. 134. 110.1 0.0370 0.83 0.41 2.13 172.0 10.0 289.9 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
18 10 23 296 18 -3.5 0.079 -9.000 -9.000 -999. 54. 12.5 0.0370 0.83 1.00 1.21 167.0 10.0 288.1 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
18 10 23 296 19 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.54 345.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
18 10 23 296 20 -11.7 0.144 -9.000 -9.000 -999. 131. 22.8 0.0380 0.83 1.00 2.18 336.0 10.0 284.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 10 23 296 21 -8.3 0.120 -9.000 -9.000 -999. 99. 18.5 0.0330 0.83 1.00 1.89 329.0 10.0 284.2 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 10 23 296 22 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0380 0.83 1.00 1.65 352.0 10.0 283.1 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 10 23 296 23 -12.3 0.147 -9.000 -9.000 -999. 135. 23.8 0.0380 0.83 1.00 2.23 331.0 10.0 283.1 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 10 23 296 24 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.83 1.00 1.60 335.0 10.0 282.5 2.0 0
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18 10 24 297 1 -1.8 0.062 -9.000 -9.000 -999. 37. 12.3 0.0330 0.83 1.00 0.77 302.0 10.0 281.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
18 10 24 297 2 -8.6 0.121 -9.000 -9.000 -999. 101. 18.6 0.0330 0.83 1.00 1.91 324.0 10.0 281.4 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 3 -10.5 0.135 -9.000 -9.000 -999. 119. 21.2 0.0380 0.83 1.00 2.06 340.0 10.0 281.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 4 -6.5 0.105 -9.000 -9.000 -999. 82. 16.2 0.0380 0.83 1.00 1.64 347.0 10.0 280.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 5 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0380 0.83 1.00 1.77 331.0 10.0 280.4 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 6 -2.4 0.068 -9.000 -9.000 -999. 43. 11.8 0.0380 0.83 1.00 0.94 345.0 10.0 280.4 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 7 -5.9 0.100 -9.000 -9.000 -999. 75. 15.2 0.0330 0.83 0.72 1.59 302.0 10.0 280.9 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 8 8.3 0.083 0.228 0.013 51. 57. -6.2 0.0330 0.83 0.35 0.91 45.0 10.0 283.1 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 10 24 297 9 64.1 0.107 0.851 0.017 347. 84. -1.7 0.0300 0.83 0.23 0.99 93.0 10.0 286.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
18 10 24 297 10 109.6 0.148 1.069 0.017 402. 136. -2.7 0.0300 0.83 0.20 1.47 111.0 10.0 289.2 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
18 10 24 297 11 140.5 0.149 1.232 0.016 480. 138. -2.1 0.0340 0.83 0.18 1.38 141.0 10.0 292.0 2.0 0
0.00 55. 1012. 0 ADJ-A1 NoSubs
18 10 24 297 12 154.9 0.231 1.315 0.014 530. 267. -7.2 0.0230 0.83 0.18 2.78 200.0 10.0 293.1 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 13 152.7 0.319 1.344 0.013 574. 432. -19.1 0.0380 0.83 0.18 3.80 213.0 10.0 293.8 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 14 134.1 0.249 1.313 0.012 609. 300. -10.3 0.0230 0.83 0.19 3.10 195.0 10.0 293.8 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 15 99.7 0.259 1.205 0.011 634. 316. -15.7 0.0370 0.83 0.20 3.05 172.0 10.0 293.8 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 10 24 297 16 50.8 0.236 0.969 0.010 645. 275. -23.3 0.0370 0.83 0.26 2.88 165.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
18 10 24 297 17 -3.7 0.175 -9.000 -9.000 -999. 176. 129.6 0.0370 0.83 0.42 2.54 174.0 10.0 290.4 2.0 0

0.00 77. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 18 -5.2 0.095 -9.000 -9.000 -999. 72. 14.7 0.0370 0.83 1.00 1.48 173.0 10.0 288.8 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 19 -5.2 0.094 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.47 224.0 10.0 287.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 24 297 20 -8.2 0.118 -9.000 -9.000 -999. 98. 18.2 0.0290 0.83 1.00 1.91 253.0 10.0 287.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 24 297 21 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0330 0.83 1.00 1.79 328.0 10.0 285.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 24 297 22 -14.8 0.162 -9.000 -9.000 -999. 157. 28.9 0.0380 0.83 1.00 2.44 340.0 10.0 285.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 24 297 23 -8.8 0.123 -9.000 -9.000 -999. 104. 19.0 0.0330 0.83 1.00 1.94 321.0 10.0 283.8 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 24 297 24 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0380 0.83 1.00 1.30 343.0 10.0 283.8 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 1 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.83 1.00 1.55 347.0 10.0 283.8 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 2 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0330 0.83 1.00 1.96 329.0 10.0 283.8 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 3 -9.4 0.128 -9.000 -9.000 -999. 110. 20.0 0.0380 0.83 1.00 1.96 331.0 10.0 283.1 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 4 -9.2 0.126 -9.000 -9.000 -999. 107. 19.5 0.0330 0.83 1.00 1.98 322.0 10.0 283.1 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 5 -11.8 0.143 -9.000 -9.000 -999. 130. 22.6 0.0330 0.83 1.00 2.23 322.0 10.0 283.1 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 6 -10.7 0.136 -9.000 -9.000 -999. 121. 21.4 0.0380 0.83 1.00 2.08 330.0 10.0 282.5 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 7 -2.8 0.071 -9.000 -9.000 -999. 47. 11.5 0.0310 0.83 0.73 1.08 21.0 10.0 282.5 2.0 0
0.00 96. 1014. 7 ADJ-A1 NoSubs
18 10 25 298 8 -0.7 0.060 -9.000 -9.000 -999. 35. 26.9 0.0330 0.83 0.35 0.92 35.0 10.0 283.8 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 10 25 298 9 68.1 0.122 0.847 0.020 323. 103. -2.4 0.0300 0.83 0.24 1.20 118.0 10.0 286.4 2.0 0
0.00 92. 1014. 3 ADJ-A1 NoSubs
18 10 25 298 10 108.4 0.146 1.032 0.018 367. 134. -2.6 0.0370 0.83 0.20 1.37 152.0 10.0 289.9 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
18 10 25 298 11 139.6 0.163 1.200 0.016 447. 158. -2.8 0.0370 0.83 0.18 1.55 152.0 10.0 293.1 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 12 155.3 0.158 1.295 0.013 506. 150. -2.3 0.0370 0.83 0.18 1.45 157.0 10.0 297.0 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
18 10 25 298 13 153.8 0.174 1.316 0.011 535. 174. -3.1 0.0230 0.83 0.18 1.88 197.0 10.0 298.8 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
18 10 25 298 14 134.5 0.309 1.276 0.010 558. 411. -19.7 0.0290 0.83 0.19 3.90 241.0 10.0 297.5 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
18 10 25 298 15 99.8 0.331 1.174 0.010 585. 456. -32.7 0.0290 0.83 0.20 4.34 266.0 10.0 297.0 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
18 10 25 298 16 51.1 0.209 0.950 0.010 604. 237. -16.0 0.0290 0.83 0.26 2.59 265.0 10.0 296.4 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
18 10 25 298 17 -5.1 0.208 -9.000 -9.000 -999. 227. 157.6 0.0370 0.83 0.42 3.01 176.0 10.0 290.9 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 10 25 298 18 -18.2 0.185 -9.000 -9.000 -999. 192. 37.8 0.0370 0.83 1.00 2.78 175.0 10.0 288.1 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 25 298 19 -11.6 0.143 -9.000 -9.000 -999. 130. 22.7 0.0370 0.83 1.00 2.18 154.0 10.0 287.5 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 25 298 20 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0340 0.83 1.00 1.62 141.0 10.0 287.5 2.0 0

0.00 89. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 21 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.83 1.00 1.14 307.0 10.0 286.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 22 -8.9 0.124 -9.000 -9.000 -999. 105. 19.5 0.0380 0.83 1.00 1.91 330.0 10.0 285.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 23 -10.1 0.133 -9.000 -9.000 -999. 116. 21.0 0.0380 0.83 1.00 2.03 337.0 10.0 285.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 10 25 298 24 -10.6 0.136 -9.000 -9.000 -999. 121. 21.5 0.0380 0.83 1.00 2.08 341.0 10.0 284.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 10 26 299 1 -4.9 0.091 -9.000 -9.000 -999. 66. 14.1 0.0380 0.83 1.00 1.42 338.0 10.0 284.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 10 26 299 2 -9.4 0.128 -9.000 -9.000 -999. 110. 20.1 0.0380 0.83 1.00 1.96 345.0 10.0 284.2 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 10 26 299 3 -9.5 0.128 -9.000 -9.000 -999. 110. 19.8 0.0330 0.83 1.00 2.01 301.0 10.0 282.0 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
18 10 26 299 4 -4.2 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.83 1.00 1.31 337.0 10.0 283.8 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 26 299 5 -2.3 0.067 -9.000 -9.000 -999. 42. 11.9 0.0380 0.83 1.00 0.91 344.0 10.0 282.0 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
18 10 26 299 6 -4.7 0.090 -9.000 -9.000 -999. 65. 13.9 0.0380 0.83 1.00 1.40 335.0 10.0 282.5 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 26 299 7 -5.6 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.83 0.74 1.52 343.0 10.0 283.1 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 10 26 299 8 7.1 0.137 0.258 0.022 87. 121. -32.2 0.0380 0.83 0.36 1.70 351.0 10.0 287.0 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
18 10 26 299 9 62.6 0.115 0.737 0.024 231. 94. -2.2 0.0340 0.83 0.24 1.08 142.0 10.0 289.9 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
18 10 26 299 10 108.4 0.146 0.951 0.021 287. 134. -2.6 0.0370 0.83 0.20 1.37 164.0 10.0 293.1 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
18 10 26 299 11 139.5 0.181 1.107 0.018 351. 185. -3.8 0.0340 0.83 0.18 1.84 149.0 10.0 295.9 2.0 0
0.00 50. 1013. 0 ADJ-A1 NoSubs
18 10 26 299 12 154.5 0.189 1.193 0.015 397. 197. -3.9 0.0370 0.83 0.18 1.89 163.0 10.0 298.1 2.0 0
0.00 44. 1012. 0 ADJ-A1 NoSubs
18 10 26 299 13 152.7 0.272 1.239 0.012 450. 341. -11.9 0.0380 0.83 0.18 3.10 211.0 10.0 299.2 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
18 10 26 299 14 132.2 0.292 1.222 0.010 498. 378. -17.0 0.0290 0.83 0.19 3.64 269.0 10.0 295.9 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
18 10 26 299 15 98.9 0.169 1.137 0.009 536. 175. -4.4 0.0290 0.83 0.21 1.82 251.0 10.0 298.1 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
18 10 26 299 16 48.9 0.236 0.913 0.009 561. 275. -24.2 0.0370 0.83 0.26 2.89 158.0 10.0 294.9 2.0 0
0.00 60. 1010. 0 ADJ-A1 Sub_CC
18 10 26 299 17 -5.3 0.182 -9.000 -9.000 -999. 186. 100.9 0.0230 0.83 0.43 2.88 184.0 10.0 290.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
18 10 26 299 18 -11.9 0.145 -9.000 -9.000 -999. 133. 23.2 0.0380 0.83 1.00 2.20 212.0 10.0 288.1 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 26 299 19 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.83 1.00 1.48 205.0 10.0 287.5 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
18 10 26 299 20 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.83 1.00 0.92 221.0 10.0 287.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 26 299 21 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.11 343.0 10.0 286.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 26 299 22 -8.7 0.123 -9.000 -9.000 -999. 103. 19.3 0.0380 0.83 1.00 1.89 331.0 10.0 285.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 10 26 299 23 -6.6 0.106 -9.000 -9.000 -999. 83. 16.5 0.0380 0.83 1.00 1.65 345.0 10.0 284.9 2.0 0

0.00 96. 1011. 0 ADJ-A1 NoSubs
18 10 26 299 24 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.83 1.00 1.60 352.0 10.0 284.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 27 300 1 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.83 1.00 1.48 329.0 10.0 285.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 27 300 2 -3.6 0.079 -9.000 -9.000 -999. 54. 12.5 0.0380 0.83 1.00 1.21 334.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 27 300 3 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0380 0.83 1.00 1.09 334.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 27 300 4 -3.0 0.073 -9.000 -9.000 -999. 47. 11.4 0.0260 0.83 1.00 1.16 298.0 10.0 283.8 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 10 27 300 5 -7.3 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.77 329.0 10.0 282.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 27 300 6 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.55 348.0 10.0 282.5 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 10 27 300 7 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.83 0.75 1.74 338.0 10.0 283.8 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 27 300 8 6.0 0.114 0.177 0.020 33. 92. -22.2 0.0380 0.83 0.36 1.38 356.0 10.0 287.0 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
18 10 27 300 9 61.3 0.125 0.645 0.019 158. 106. -2.9 0.0300 0.83 0.24 1.26 116.0 10.0 289.9 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
18 10 27 300 10 107.0 0.136 0.899 0.017 245. 120. -2.1 0.0340 0.83 0.20 1.26 149.0 10.0 293.1 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
18 10 27 300 11 138.1 0.181 1.074 0.014 324. 184. -3.9 0.0230 0.83 0.19 2.01 187.0 10.0 295.9 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
18 10 27 300 12 152.5 0.255 1.252 0.013 464. 309. -9.8 0.0290 0.83 0.18 3.01 252.0 10.0 297.0 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
18 10 27 300 13 150.0 0.258 1.282 0.011 507. 314. -10.3 0.0290 0.83 0.18 3.06 258.0 10.0 297.0 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
18 10 27 300 14 131.9 0.240 1.279 0.010 571. 282. -9.4 0.0230 0.83 0.19 2.96 203.0 10.0 298.1 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
18 10 27 300 15 96.6 0.278 1.182 0.009 617. 352. -20.0 0.0230 0.83 0.21 3.68 183.0 10.0 296.4 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
18 10 27 300 16 48.1 0.236 0.948 0.009 638. 276. -24.7 0.0370 0.83 0.26 2.90 168.0 10.0 295.9 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
18 10 27 300 17 -5.9 0.191 -9.000 -9.000 -999. 201. 107.1 0.0370 0.83 0.44 2.79 176.0 10.0 292.5 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
18 10 27 300 18 -17.6 0.181 -9.000 -9.000 -999. 184. 35.9 0.0370 0.83 1.00 2.71 168.0 10.0 290.4 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
18 10 27 300 19 -10.8 0.138 -9.000 -9.000 -999. 123. 21.9 0.0370 0.83 1.00 2.11 154.0 10.0 288.8 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 10 27 300 20 -1.9 0.063 -9.000 -9.000 -999. 40. 11.6 0.0290 0.83 1.00 0.84 256.0 10.0 288.8 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 27 300 21 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0330 0.83 1.00 1.33 40.0 10.0 287.5 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 10 27 300 22 -8.7 0.123 -9.000 -9.000 -999. 103. 19.3 0.0380 0.83 1.00 1.89 338.0 10.0 287.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 27 300 23 -10.7 0.136 -9.000 -9.000 -999. 121. 21.4 0.0330 0.83 1.00 2.13 327.0 10.0 287.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 10 27 300 24 -3.2 0.075 -9.000 -9.000 -999. 50. 11.9 0.0330 0.83 1.00 1.16 323.0 10.0 285.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 10 28 301 1 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.83 1.00 1.59 333.0 10.0 285.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 28 301 2 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.83 1.00 1.59 340.0 10.0 284.9 2.0 0

0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 28 301 3 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.83 1.00 1.55 339.0 10.0 284.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 10 28 301 4 -8.7 0.122 -9.000 -9.000 -999. 103. 19.0 0.0330 0.83 1.00 1.93 325.0 10.0 284.9 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 28 301 5 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.83 1.00 1.79 337.0 10.0 284.2 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 10 28 301 6 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.83 1.00 1.74 335.0 10.0 283.8 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
18 10 28 301 7 -15.6 0.166 -9.000 -9.000 -999. 162. 30.1 0.0330 0.83 1.00 2.55 328.0 10.0 284.9 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 10 28 301 8 4.6 0.147 0.331 0.012 286. 136. -63.1 0.0380 0.83 0.36 1.91 344.0 10.0 285.9 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 10 28 301 9 60.0 0.137 0.825 0.014 339. 121. -3.8 0.0260 0.83 0.24 1.48 290.0 10.0 289.9 2.0 0
0.00 80. 1015. 0 ADJ-A1 NoSubs
18 10 28 301 10 105.4 0.170 1.094 0.018 449. 169. -4.2 0.0370 0.83 0.20 1.72 154.0 10.0 292.5 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
18 10 28 301 11 136.2 0.195 1.294 0.017 576. 207. -5.0 0.0230 0.83 0.19 2.25 183.0 10.0 294.9 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
18 10 28 301 12 150.2 0.292 1.419 0.017 688. 379. -15.0 0.0380 0.83 0.18 3.41 217.0 10.0 295.4 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
18 10 28 301 13 148.1 0.263 1.442 0.016 733. 324. -11.1 0.0230 0.83 0.18 3.30 204.0 10.0 295.9 2.0 0
0.00 56. 1013. 0 ADJ-A1 NoSubs
18 10 28 301 14 129.3 0.278 1.401 0.015 768. 352. -15.0 0.0230 0.83 0.19 3.59 188.0 10.0 295.9 2.0 0
0.00 56. 1013. 0 ADJ-A1 NoSubs
18 10 28 301 15 95.2 0.250 1.279 0.015 794. 300. -14.8 0.0230 0.83 0.21 3.22 195.0 10.0 296.4 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
18 10 28 301 16 46.7 0.195 1.013 0.015 803. 208. -14.4 0.0370 0.83 0.26 2.28 170.0 10.0 295.9 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
18 10 28 301 17 -7.9 0.225 -9.000 -9.000 -999. 256. 129.9 0.0340 0.83 0.44 3.32 148.0 10.0 292.0 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
18 10 28 301 18 -23.3 0.238 -9.000 -9.000 -999. 278. 62.2 0.0370 0.83 1.00 3.52 166.0 10.0 289.2 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 10 28 301 19 -4.7 0.088 -9.000 -9.000 -999. 85. 13.2 0.0230 0.83 1.00 1.50 180.0 10.0 288.8 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 10 28 301 20 -10.9 0.139 -9.000 -9.000 -999. 124. 22.0 0.0380 0.83 1.00 2.11 219.0 10.0 287.0 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
18 10 28 301 21 -3.2 0.074 -9.000 -9.000 -999. 50. 11.7 0.0290 0.83 1.00 1.18 254.0 10.0 287.5 2.0 0
0.00 93. 1015. 0 ADJ-A1 NoSubs
18 10 28 301 22 -2.2 0.065 -9.000 -9.000 -999. 40. 11.5 0.0310 0.83 1.00 0.91 8.0 10.0 286.4 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
18 10 28 301 23 -8.7 0.123 -9.000 -9.000 -999. 103. 19.3 0.0380 0.83 1.00 1.89 338.0 10.0 285.9 2.0 0
0.00 96. 1015. 3 ADJ-A1 NoSubs
18 10 28 301 24 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0380 0.83 1.00 1.57 344.0 10.0 286.4 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
18 10 29 302 1 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0380 0.83 1.00 1.35 356.0 10.0 285.9 2.0 0
0.00 96. 1015. 5 ADJ-A1 NoSubs
18 10 29 302 2 -7.4 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.83 1.00 1.74 353.0 10.0 284.2 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
18 10 29 302 3 -11.3 0.140 -9.000 -9.000 -999. 125. 21.8 0.0330 0.83 1.00 2.18 329.0 10.0 283.8 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
18 10 29 302 4 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.83 1.00 1.91 342.0 10.0 283.1 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 10 29 302 5 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.83 1.00 2.27 337.0 10.0 282.5 2.0 0

0.00 96. 1015. 0 ADJ-A1 NoSubs
18 10 29 302 6 -7.0 0.108 -9.000 -9.000 -999. 86. 16.5 0.0310 0.83 1.00 1.74 18.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
18 10 29 302 7 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0380 0.83 1.00 1.65 345.0 10.0 282.0 2.0 0
0.00 95. 1016. 0 ADJ-A1 NoSubs
18 10 29 302 8 3.0 0.119 0.167 0.005 55. 98. -50.4 0.0380 0.83 0.37 1.52 343.0 10.0 284.2 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
18 10 29 302 9 57.5 0.102 0.818 0.009 345. 78. -1.7 0.0330 0.83 0.24 0.92 36.0 10.0 286.4 2.0 0
0.00 83. 1016. 0 ADJ-A1 NoSubs
18 10 29 302 10 102.4 0.105 1.174 0.009 573. 82. -1.0 0.0300 0.83 0.20 0.89 112.0 10.0 288.1 2.0 0
0.00 71. 1016. 0 ADJ-A1 NoSubs
18 10 29 302 11 133.3 0.164 1.328 0.008 638. 160. -3.0 0.0230 0.83 0.19 1.77 181.0 10.0 291.4 2.0 0
0.00 49. 1016. 0 ADJ-A1 NoSubs
18 10 29 302 12 148.3 0.208 1.423 0.006 704. 227. -5.5 0.0230 0.83 0.18 2.42 193.0 10.0 294.2 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
18 10 29 302 13 145.6 0.347 1.452 0.005 762. 491. -26.0 0.0380 0.83 0.18 4.25 223.0 10.0 293.8 2.0 0
0.00 43. 1014. 0 ADJ-A1 NoSubs
18 10 29 302 14 127.4 0.307 1.418 0.005 810. 410. -20.6 0.0380 0.83 0.19 3.69 220.0 10.0 294.9 2.0 0
0.00 38. 1014. 0 ADJ-A1 NoSubs
18 10 29 302 15 93.5 0.206 1.310 0.005 869. 230. -8.5 0.0230 0.83 0.21 2.52 183.0 10.0 295.9 2.0 0
0.00 30. 1013. 0 ADJ-A1 NoSubs
18 10 29 302 16 45.3 0.235 1.055 0.005 935. 274. -25.9 0.0310 0.83 0.27 3.00 24.0 10.0 295.9 2.0 0
0.00 28. 1013. 0 ADJ-A1 NoSubs
18 10 29 302 17 -7.2 0.195 -9.000 -9.000 -999. 208. 93.9 0.0310 0.83 0.45 2.95 3.0 10.0 293.8 2.0 0
0.00 32. 1012. 0 ADJ-A1 NoSubs
18 10 29 302 18 -13.0 0.152 -9.000 -9.000 -999. 143. 25.5 0.0380 0.83 1.00 2.30 347.0 10.0 290.9 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
18 10 29 302 19 -5.7 0.098 -9.000 -9.000 -999. 75. 15.1 0.0310 0.83 1.00 1.59 18.0 10.0 288.8 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
18 10 29 302 20 -3.4 0.077 -9.000 -9.000 -999. 51. 11.8 0.0260 0.83 1.00 1.25 282.0 10.0 287.0 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
18 10 29 302 21 -5.9 0.101 -9.000 -9.000 -999. 77. 15.6 0.0380 0.83 1.00 1.57 345.0 10.0 284.9 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
18 10 29 302 22 -9.7 0.130 -9.000 -9.000 -999. 112. 20.4 0.0380 0.83 1.00 1.99 340.0 10.0 283.8 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
18 10 29 302 23 -14.3 0.158 -9.000 -9.000 -999. 150. 27.4 0.0330 0.83 1.00 2.44 329.0 10.0 283.1 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
18 10 29 302 24 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.83 1.00 1.91 336.0 10.0 283.1 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 1 -11.8 0.143 -9.000 -9.000 -999. 130. 22.6 0.0380 0.83 1.00 2.18 345.0 10.0 282.0 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 2 -10.0 0.131 -9.000 -9.000 -999. 114. 20.6 0.0380 0.83 1.00 2.01 336.0 10.0 281.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 3 -15.1 0.163 -9.000 -9.000 -999. 158. 29.1 0.0380 0.83 1.00 2.45 334.0 10.0 280.9 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 4 -10.5 0.135 -9.000 -9.000 -999. 119. 21.1 0.0380 0.83 1.00 2.06 337.0 10.0 280.9 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 5 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0380 0.83 1.00 1.91 341.0 10.0 279.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 6 -8.2 0.118 -9.000 -9.000 -999. 97. 18.0 0.0330 0.83 1.00 1.86 328.0 10.0 279.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 7 -11.6 0.142 -9.000 -9.000 -999. 128. 22.3 0.0380 0.83 1.00 2.16 331.0 10.0 280.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 8 1.8 0.111 0.085 0.010 12. 89. -70.0 0.0380 0.83 0.37 1.45 359.0 10.0 283.8 2.0 0

0.00 79. 1014. 0 ADJ-A1 NoSubs
18 10 30 303 9 56.4 0.137 0.692 0.009 212. 122. -4.1 0.0290 0.83 0.24 1.46 61.0 10.0 287.0 2.0 0
0.00 71. 1014. 0 ADJ-A1 Sub_CC
18 10 30 303 10 101.8 0.166 0.984 0.007 339. 162. -4.1 0.0340 0.83 0.20 1.70 129.0 10.0 290.4 2.0 0
0.00 55. 1014. 0 ADJ-A1 NoSubs
18 10 30 303 11 132.4 0.190 1.206 0.006 480. 198. -4.6 0.0370 0.83 0.19 1.94 156.0 10.0 292.5 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 12 146.4 0.276 1.367 0.006 630. 347. -12.9 0.0230 0.83 0.18 3.51 205.0 10.0 293.1 2.0 0
0.00 44. 1012. 0 ADJ-A1 NoSubs
18 10 30 303 13 144.4 0.319 1.485 0.006 819. 433. -20.4 0.0380 0.83 0.18 3.83 221.0 10.0 294.2 2.0 0
0.00 37. 1012. 0 ADJ-A1 NoSubs
18 10 30 303 14 125.7 0.285 1.471 0.006 916. 365. -16.5 0.0380 0.83 0.19 3.35 219.0 10.0 294.2 2.0 0
0.00 35. 1012. 0 ADJ-A1 NoSubs
18 10 30 303 15 91.6 0.218 1.355 0.006 981. 246. -10.2 0.0230 0.83 0.21 2.71 193.0 10.0 294.9 2.0 0
0.00 33. 1011. 0 ADJ-A1 NoSubs
18 10 30 303 16 43.2 0.215 1.065 0.006 1009. 240. -20.8 0.0230 0.83 0.27 2.86 186.0 10.0 294.2 2.0 0
0.00 31. 1011. 0 ADJ-A1 NoSubs
18 10 30 303 17 -5.4 0.128 -9.000 -9.000 -999. 112. 35.0 0.0370 0.83 0.45 1.91 176.0 10.0 292.0 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
18 10 30 303 18 -4.9 0.090 -9.000 -9.000 -999. 65. 13.5 0.0230 0.83 1.00 1.53 201.0 10.0 288.1 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 10 30 303 19 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0260 0.83 1.00 1.40 283.0 10.0 286.4 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
18 10 30 303 20 -4.7 0.088 -9.000 -9.000 -999. 63. 13.3 0.0260 0.83 1.00 1.47 295.0 10.0 285.4 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 10 30 303 21 -8.4 0.120 -9.000 -9.000 -999. 99. 18.4 0.0330 0.83 1.00 1.89 321.0 10.0 283.1 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
18 10 30 303 22 -9.5 0.128 -9.000 -9.000 -999. 110. 19.9 0.0330 0.83 1.00 2.01 310.0 10.0 283.8 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 10 30 303 23 -10.2 0.133 -9.000 -9.000 -999. 117. 21.0 0.0380 0.83 1.00 2.04 342.0 10.0 282.5 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 10 30 303 24 -13.2 0.152 -9.000 -9.000 -999. 142. 25.4 0.0380 0.83 1.00 2.30 334.0 10.0 282.0 2.0 0
0.00 70. 1012. 0 ADJ-A1 NoSubs
18 10 31 304 1 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.83 1.00 2.27 343.0 10.0 281.4 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
18 10 31 304 2 -14.4 0.158 -9.000 -9.000 -999. 151. 27.6 0.0330 0.83 1.00 2.45 320.0 10.0 281.4 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 3 -7.3 0.111 -9.000 -9.000 -999. 90. 17.0 0.0330 0.83 1.00 1.77 329.0 10.0 280.4 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 4 -6.4 0.104 -9.000 -9.000 -999. 81. 16.0 0.0380 0.83 1.00 1.62 352.0 10.0 280.4 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 5 -8.8 0.123 -9.000 -9.000 -999. 103. 19.1 0.0380 0.83 1.00 1.89 343.0 10.0 280.4 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
18 10 31 304 6 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0330 0.83 1.00 1.55 324.0 10.0 279.9 2.0 0
0.00 78. 1014. 0 ADJ-A1 NoSubs
18 10 31 304 7 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0380 0.83 1.00 1.91 336.0 10.0 280.4 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
18 10 31 304 8 0.5 0.113 0.049 0.016 8. 91. -243.7 0.0310 0.83 0.38 1.59 2.0 10.0 283.1 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
18 10 31 304 9 55.3 0.132 0.569 0.015 120. 115. -3.8 0.0300 0.83 0.25 1.38 107.0 10.0 287.5 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
18 10 31 304 10 100.5 0.162 0.818 0.011 197. 157. -3.8 0.0340 0.83 0.20 1.65 128.0 10.0 290.4 2.0 0
0.00 40. 1015. 0 ADJ-A1 NoSubs
18 10 31 304 11 131.8 0.161 0.959 0.007 242. 155. -2.9 0.0340 0.83 0.19 1.57 149.0 10.0 294.2 2.0 0

0.00 30. 1014. 0 ADJ-A1 NoSubs
18 10 31 304 12 146.6 0.199 1.305 0.009 548. 213. -4.8 0.0230 0.83 0.18 2.28 198.0 10.0 296.4 2.0 0
0.00 25. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 13 144.1 0.302 1.406 0.008 698. 398. -17.3 0.0380 0.83 0.18 3.57 227.0 10.0 296.4 2.0 0
0.00 28. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 14 125.1 0.272 1.396 0.008 786. 342. -14.6 0.0290 0.83 0.19 3.35 244.0 10.0 295.9 2.0 0
0.00 27. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 15 89.9 0.262 1.274 0.007 832. 322. -18.1 0.0230 0.83 0.21 3.44 197.0 10.0 294.2 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 16 41.0 0.212 0.985 0.007 844. 235. -21.1 0.0370 0.83 0.27 2.57 173.0 10.0 292.0 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 17 -5.3 0.113 -9.000 -9.000 -999. 96. 25.1 0.0230 0.83 0.46 1.86 189.0 10.0 289.2 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 18 -4.3 0.086 -9.000 -9.000 -999. 60. 13.4 0.0380 0.83 1.00 1.33 226.0 10.0 287.5 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 19 -2.8 0.071 -9.000 -9.000 -999. 45. 11.4 0.0290 0.83 1.00 1.09 269.0 10.0 287.5 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 20 -4.7 0.089 -9.000 -9.000 -999. 64. 13.4 0.0260 0.83 1.00 1.48 293.0 10.0 286.4 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 21 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0330 0.83 1.00 1.70 328.0 10.0 285.9 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 22 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.83 1.00 1.43 338.0 10.0 285.4 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 23 -8.6 0.122 -9.000 -9.000 -999. 103. 19.2 0.0380 0.83 1.00 1.88 340.0 10.0 285.4 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
18 10 31 304 24 -6.3 0.103 -9.000 -9.000 -999. 80. 15.9 0.0330 0.83 1.00 1.65 328.0 10.0 284.9 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
18 11 1 305 1 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0380 0.83 1.00 1.74 335.0 10.0 284.9 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
18 11 1 305 2 -11.8 0.144 -9.000 -9.000 -999. 130. 22.7 0.0380 0.83 1.00 2.18 341.0 10.0 283.8 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
18 11 1 305 3 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.83 1.00 1.79 335.0 10.0 284.2 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
18 11 1 305 4 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.83 1.00 1.50 333.0 10.0 283.8 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
18 11 1 305 5 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0330 0.83 1.00 1.60 326.0 10.0 283.1 2.0 0
0.00 70. 1014. 0 ADJ-A1 NoSubs
18 11 1 305 6 -7.6 0.114 -9.000 -9.000 -999. 93. 17.8 0.0380 0.83 1.00 1.77 336.0 10.0 283.1 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
18 11 1 305 7 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0330 0.83 1.00 1.45 329.0 10.0 283.8 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
18 11 1 305 8 0.3 0.105 0.044 0.011 10. 81. -329.9 0.0330 0.83 0.38 1.47 329.0 10.0 286.4 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
18 11 1 305 9 55.3 0.123 0.510 0.009 87. 104. -3.0 0.0380 0.83 0.25 1.18 352.0 10.0 291.4 2.0 0
0.00 47. 1015. 0 ADJ-A1 NoSubs
18 11 1 305 10 100.2 0.144 0.839 0.005 213. 132. -2.7 0.0340 0.83 0.20 1.40 144.0 10.0 293.1 2.0 0
0.00 44. 1015. 0 ADJ-A1 NoSubs
18 11 1 305 11 131.2 0.186 1.229 0.005 513. 192. -4.4 0.0340 0.83 0.19 1.93 140.0 10.0 295.9 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
18 11 1 305 12 146.7 0.191 1.444 0.010 742. 201. -4.3 0.0370 0.83 0.18 1.94 160.0 10.0 299.2 2.0 0
0.00 33. 1014. 0 ADJ-A1 NoSubs
18 11 1 305 13 145.2 0.173 1.542 0.009 914. 173. -3.2 0.0340 0.83 0.18 1.72 148.0 10.0 300.9 2.0 0
0.00 30. 1013. 0 ADJ-A1 NoSubs
18 11 1 305 14 126.1 0.299 1.522 0.009 1011. 392. -19.0 0.0380 0.83 0.19 3.56 217.0 10.0 300.4 2.0 0

0.00 32. 1012. 0 ADJ-A1 NoSubs
18 11 1 305 15 91.5 0.295 1.378 0.009 1034. 385. -25.4 0.0380 0.83 0.21 3.61 230.0 10.0 299.9 2.0 0
0.00 31. 1012. 0 ADJ-A1 NoSubs
18 11 1 305 16 42.0 0.277 1.066 0.009 1043. 349. -45.5 0.0260 0.83 0.27 3.78 273.0 10.0 297.0 2.0 0
0.00 37. 1012. 0 ADJ-A1 NoSubs
18 11 1 305 17 -7.4 0.159 -9.000 -9.000 -999. 159. 48.9 0.0260 0.83 0.47 2.50 272.0 10.0 294.2 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
18 11 1 305 18 -6.0 0.100 -9.000 -9.000 -999. 77. 15.1 0.0230 0.83 1.00 1.70 208.0 10.0 291.4 2.0 0
0.00 55. 1013. 0 ADJ-A1 NoSubs
18 11 1 305 19 -10.2 0.131 -9.000 -9.000 -999. 114. 19.9 0.0230 0.83 1.00 2.18 186.0 10.0 286.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 11 1 305 20 -7.6 0.112 -9.000 -9.000 -999. 90. 16.9 0.0230 0.83 1.00 1.89 207.0 10.0 285.9 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 11 1 305 21 -2.5 0.068 -9.000 -9.000 -999. 43. 11.1 0.0260 0.83 1.00 1.04 283.0 10.0 286.4 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 11 1 305 22 -6.2 0.102 -9.000 -9.000 -999. 79. 15.6 0.0310 0.83 1.00 1.65 16.0 10.0 285.4 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 11 1 305 23 -8.2 0.119 -9.000 -9.000 -999. 99. 18.7 0.0380 0.83 1.00 1.84 337.0 10.0 285.4 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 11 1 305 24 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0330 0.83 1.00 1.96 328.0 10.0 284.9 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 11 2 306 1 -6.4 0.104 -9.000 -9.000 -999. 80. 15.8 0.0310 0.83 1.00 1.67 4.0 10.0 284.2 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 11 2 306 2 -9.2 0.126 -9.000 -9.000 -999. 107. 19.6 0.0330 0.83 1.00 1.98 323.0 10.0 285.4 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 11 2 306 3 -3.2 0.075 -9.000 -9.000 -999. 50. 11.9 0.0330 0.83 1.00 1.16 313.0 10.0 283.8 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 11 2 306 4 -2.2 0.065 -9.000 -9.000 -999. 40. 11.5 0.0310 0.83 1.00 0.91 16.0 10.0 283.1 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 11 2 306 5 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0330 0.83 1.00 1.57 320.0 10.0 283.1 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 11 2 306 6 -5.1 0.093 -9.000 -9.000 -999. 68. 14.3 0.0380 0.83 1.00 1.45 331.0 10.0 282.0 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 11 2 306 7 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.38 324.0 10.0 282.5 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
18 11 2 306 8 -0.2 0.074 -9.000 -9.000 -999. 48. 149.7 0.0310 0.83 0.39 1.11 8.0 10.0 285.9 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
18 11 2 306 9 53.6 0.109 0.534 0.017 103. 86. -2.2 0.0380 0.83 0.25 0.99 354.0 10.0 290.4 2.0 0
0.00 62. 1016. 0 ADJ-A1 NoSubs
18 11 2 306 10 98.9 0.167 0.838 0.014 216. 163. -4.2 0.0230 0.83 0.20 1.88 208.0 10.0 293.1 2.0 0
0.00 49. 1016. 0 ADJ-A1 NoSubs
18 11 2 306 11 129.8 0.210 1.063 0.011 335. 231. -6.5 0.0370 0.83 0.19 2.25 175.0 10.0 295.9 2.0 0
0.00 45. 1015. 0 ADJ-A1 NoSubs
18 11 2 306 12 144.7 0.196 1.214 0.009 447. 208. -4.7 0.0370 0.83 0.18 2.01 170.0 10.0 298.1 2.0 0
0.00 41. 1014. 0 ADJ-A1 NoSubs
18 11 2 306 13 141.3 0.311 1.254 0.007 505. 416. -19.2 0.0290 0.83 0.18 3.92 269.0 10.0 296.4 2.0 0
0.00 42. 1014. 0 ADJ-A1 NoSubs
18 11 2 306 14 123.5 0.228 1.252 0.006 575. 264. -8.6 0.0290 0.83 0.19 2.66 244.0 10.0 298.1 2.0 0
0.00 36. 1013. 0 ADJ-A1 NoSubs
18 11 2 306 15 86.5 0.278 1.162 0.005 655. 353. -22.5 0.0370 0.83 0.21 3.39 168.0 10.0 292.5 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
18 11 2 306 16 37.8 0.258 0.896 0.005 688. 314. -40.9 0.0230 0.83 0.28 3.58 189.0 10.0 290.4 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
18 11 2 306 17 -8.5 0.153 -9.000 -9.000 -999. 148. 37.9 0.0230 0.83 0.47 2.47 194.0 10.0 287.5 2.0 0

0.00 86. 1013. 0 ADJ-A1 NoSubs
18 11 2 306 18 -5.6 0.098 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.53 213.0 10.0 287.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 11 2 306 19 -2.4 0.067 -9.000 -9.000 -999. 41. 11.1 0.0260 0.83 1.00 1.01 280.0 10.0 286.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 11 2 306 20 -2.9 0.072 -9.000 -9.000 -999. 46. 11.3 0.0260 0.83 1.00 1.14 299.0 10.0 285.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 11 2 306 21 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0330 0.83 1.00 1.16 319.0 10.0 284.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 11 2 306 22 -5.5 0.096 -9.000 -9.000 -999. 72. 14.7 0.0330 0.83 1.00 1.54 327.0 10.0 284.2 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 11 2 306 23 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0330 0.83 1.00 1.79 323.0 10.0 283.1 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
18 11 2 306 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 89. 1013. 0 ADJ-SFC NoSubs
18 11 3 307 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 89. 1013. 0 ADJ-SFC NoSubs
18 11 3 307 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 283.1 2.0
0 0.00 89. 1013. 0 ADJ-SFC NoSubs
18 11 3 307 3 -22.7 0.227 -9.000 -9.000 -999. 260. 56.9 0.0380 0.83 1.00 3.36 348.0 10.0 283.8 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
18 11 3 307 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 283.1 2.0
0 0.00 89. 1012. 0 ADJ-SFC NoSubs
18 11 3 307 5 -6.8 0.106 -9.000 -9.000 -999. 83. 15.9 0.0260 0.83 1.00 1.76 282.0 10.0 281.4 2.0 0
0.00 96. 1013. 0 ADJ-SFC NoSubs
18 11 3 307 6 -7.0 0.108 -9.000 -9.000 -999. 85. 16.4 0.0290 0.83 1.00 1.76 264.0 10.0 282.0 2.0 0
0.00 95. 1013. 0 ADJ-SFC NoSubs
18 11 3 307 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 282.0 2.0
0 0.00 92. 1013. 0 ADJ-SFC NoSubs
18 11 3 307 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.39 0.00 0.0 10.0 285.9 2.0
0 0.00 76. 1014. 0 ADJ-SFC NoSubs
18 11 3 307 9 51.7 -9.000 -9.000 -9.000 169. -999. -99999.0 0.0317 0.83 0.25 0.00 0.0 10.0 288.8 2.0 0
0.00 71. 1014. 0 ADJ-SFC NoSubs
18 11 3 307 10 97.5 0.172 0.844 0.018 223. 171. -4.7 0.0370 0.83 0.20 1.76 154.0 10.0 293.1 2.0 0
0.00 52. 1014. 0 ADJ-SFC NoSubs
18 11 3 307 11 128.7 0.172 0.987 0.014 270. 171. -3.6 0.0317 0.83 0.19 1.76 999.0 10.0 296.4 2.0 0
0.00 40. 1013. 0 ADJ-SFC NoSubs
18 11 3 307 12 143.4 0.178 1.176 0.010 410. 181. -3.6 0.0370 0.83 0.18 1.76 150.0 10.0 298.1 2.0 0
0.00 36. 1013. 0 ADJ-SFC NoSubs
18 11 3 307 13 141.8 0.253 1.286 0.009 542. 306. -10.3 0.0370 0.83 0.18 2.86 173.0 10.0 299.9 2.0 0
0.00 29. 1012. 0 ADJ-SFC NoSubs
18 11 3 307 14 123.1 0.252 1.263 0.007 591. 303. -11.7 0.0380 0.83 0.19 2.86 235.0 10.0 299.9 2.0 0
0.00 25. 1011. 0 ADJ-SFC NoSubs
18 11 3 307 15 87.0 0.226 1.144 0.006 620. 258. -12.0 0.0230 0.83 0.21 2.86 201.0 10.0 296.4 2.0 0
0.00 39. 1011. 0 ADJ-SFC NoSubs
18 11 3 307 16 38.9 0.198 0.881 0.006 634. 211. -17.9 0.0370 0.83 0.28 2.36 162.0 10.0 295.9 2.0 0
0.00 38. 1011. 0 ADJ-SFC NoSubs
18 11 3 307 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.48 0.00 0.0 10.0 293.8 2.0
0 0.00 44. 1011. 0 ADJ-SFC NoSubs
18 11 3 307 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 289.9 2.0
0 0.00 74. 1011. 0 ADJ-SFC NoSubs
18 11 3 307 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 287.5 2.0
0 0.00 86. 1011. 0 ADJ-SFC NoSubs
18 11 3 307 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 287.5 2.0

0 0.00 71. 1011. 0 ADJ-SFC NoSubs
18 11 3 307 21 -13.1 0.151 -9.000 -9.000 -999. 141. 25.2 0.0317 0.83 1.00 2.36 999.0 10.0 287.0 2.0 0
0.00 61. 1012. 0 ADJ-SFC NoSubs
18 11 3 307 22 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.83 1.00 1.79 333.0 10.0 285.4 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
18 11 3 307 23 -7.6 0.114 -9.000 -9.000 -999. 93. 17.9 0.0380 0.83 1.00 1.77 342.0 10.0 285.4 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
18 11 3 307 24 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.83 1.00 1.79 336.0 10.0 284.2 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 1 -4.5 0.088 -9.000 -9.000 -999. 62. 13.5 0.0330 0.83 1.00 1.40 300.0 10.0 284.9 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 2 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0330 0.83 1.00 1.18 311.0 10.0 283.8 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 3 -1.8 0.062 -9.000 -9.000 -999. 37. 11.6 0.0260 0.83 1.00 0.82 299.0 10.0 283.8 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 4 -3.8 0.081 -9.000 -9.000 -999. 56. 12.7 0.0380 0.83 1.00 1.25 333.0 10.0 283.1 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 5 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.83 1.00 1.37 1.0 10.0 282.0 2.0 0
0.00 73. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 6 -7.7 0.114 -9.000 -9.000 -999. 93. 17.5 0.0330 0.83 1.00 1.81 329.0 10.0 282.0 2.0 0
0.00 73. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 7 -9.3 0.126 -9.000 -9.000 -999. 108. 19.5 0.0330 0.83 1.00 1.99 314.0 10.0 281.4 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 8 -0.4 0.045 -9.000 -9.000 -999. 27. 19.6 0.0380 0.83 0.40 0.69 357.0 10.0 285.4 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
18 11 4 308 9 50.2 0.123 0.629 0.026 179. 104. -3.3 0.0340 0.83 0.25 1.23 131.0 10.0 288.1 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
18 11 4 308 10 94.8 0.148 0.828 0.022 216. 136. -3.1 0.0370 0.83 0.21 1.43 167.0 10.0 289.9 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
18 11 4 308 11 125.3 0.209 0.965 0.018 259. 230. -6.6 0.0230 0.83 0.19 2.49 182.0 10.0 292.0 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 12 140.0 0.282 1.066 0.013 312. 359. -14.4 0.0370 0.83 0.18 3.29 170.0 10.0 294.2 2.0 0
0.00 46. 1011. 0 ADJ-A1 NoSubs
18 11 4 308 13 137.3 0.316 1.134 0.010 382. 427. -20.8 0.0230 0.83 0.18 4.20 186.0 10.0 293.8 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
18 11 4 308 14 118.7 0.287 1.127 0.010 434. 369. -17.9 0.0230 0.83 0.19 3.76 189.0 10.0 293.8 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
18 11 4 308 15 83.9 0.286 1.028 0.009 466. 367. -25.1 0.0230 0.83 0.22 3.85 188.0 10.0 292.5 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
18 11 4 308 16 35.7 0.265 0.781 0.009 479. 327. -46.6 0.0370 0.83 0.28 3.39 173.0 10.0 291.4 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
18 11 4 308 17 -11.4 0.192 -9.000 -9.000 -999. 204. 56.1 0.0370 0.83 0.49 2.84 170.0 10.0 289.2 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
18 11 4 308 18 -19.5 0.197 -9.000 -9.000 -999. 211. 42.9 0.0370 0.83 1.00 2.95 160.0 10.0 286.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 11 4 308 19 -9.7 0.130 -9.000 -9.000 -999. 114. 20.3 0.0340 0.83 1.00 2.03 129.0 10.0 285.9 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
18 11 4 308 20 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.38 56.0 10.0 285.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 11 4 308 21 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0310 0.83 1.00 1.47 23.0 10.0 284.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
18 11 4 308 22 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.83 1.00 1.79 354.0 10.0 284.2 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 11 4 308 23 -4.2 0.085 -9.000 -9.000 -999. 59. 13.0 0.0330 0.83 1.00 1.35 313.0 10.0 283.8 2.0 0

0.00 92. 1009. 0 ADJ-A1 NoSubs
18 11 4 308 24 -6.9 0.109 -9.000 -9.000 -999. 86. 16.8 0.0380 0.83 1.00 1.69 354.0 10.0 282.5 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
18 11 5 309 1 -13.5 0.154 -9.000 -9.000 -999. 145. 26.2 0.0380 0.83 1.00 2.33 345.0 10.0 282.5 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 11 5 309 2 -8.1 0.118 -9.000 -9.000 -999. 97. 18.1 0.0330 0.83 1.00 1.86 317.0 10.0 282.5 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 11 5 309 3 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0380 0.83 1.00 1.50 337.0 10.0 280.9 2.0 0
0.00 95. 1009. 0 ADJ-A1 NoSubs
18 11 5 309 4 -4.7 0.090 -9.000 -9.000 -999. 65. 13.9 0.0380 0.83 1.00 1.40 335.0 10.0 281.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 11 5 309 5 -6.9 0.109 -9.000 -9.000 -999. 86. 16.8 0.0380 0.83 1.00 1.69 332.0 10.0 280.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 11 5 309 6 -5.6 0.098 -9.000 -9.000 -999. 74. 15.1 0.0380 0.83 1.00 1.53 337.0 10.0 280.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 11 5 309 7 -6.9 0.109 -9.000 -9.000 -999. 86. 16.8 0.0380 0.83 1.00 1.69 340.0 10.0 280.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 11 5 309 8 -1.9 0.107 -9.000 -9.000 -999. 84. 57.6 0.0380 0.83 0.40 1.57 353.0 10.0 283.8 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 11 5 309 9 48.6 0.099 0.603 0.017 163. 74. -1.8 0.0300 0.83 0.26 0.92 90.0 10.0 287.0 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
18 11 5 309 10 93.7 0.130 0.889 0.015 270. 112. -2.1 0.0370 0.83 0.21 1.18 151.0 10.0 290.4 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
18 11 5 309 11 124.4 0.154 1.083 0.012 368. 144. -2.6 0.0340 0.83 0.19 1.48 144.0 10.0 293.1 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
18 11 5 309 12 139.0 0.215 1.171 0.009 416. 239. -6.4 0.0230 0.83 0.18 2.55 187.0 10.0 294.9 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
18 11 5 309 13 136.7 0.233 1.199 0.007 453. 270. -8.3 0.0230 0.83 0.19 2.84 192.0 10.0 295.4 2.0 0
0.00 42. 1007. 0 ADJ-A1 NoSubs
18 11 5 309 14 117.6 0.244 1.247 0.007 593. 290. -11.2 0.0230 0.83 0.19 3.07 208.0 10.0 294.2 2.0 0
0.00 45. 1007. 0 ADJ-A1 NoSubs
18 11 5 309 15 83.9 0.221 1.135 0.007 626. 249. -11.5 0.0370 0.83 0.22 2.52 173.0 10.0 295.4 2.0 0
0.00 42. 1006. 0 ADJ-A1 NoSubs
18 11 5 309 16 35.5 0.186 0.858 0.006 638. 193. -16.3 0.0370 0.83 0.28 2.20 160.0 10.0 293.8 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
18 11 5 309 17 -12.1 0.198 -9.000 -9.000 -999. 211. 57.1 0.0230 0.83 0.49 3.17 184.0 10.0 289.2 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
18 11 5 309 18 -14.1 0.156 -9.000 -9.000 -999. 148. 26.7 0.0230 0.83 1.00 2.56 181.0 10.0 286.4 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
18 11 5 309 19 -9.0 0.125 -9.000 -9.000 -999. 106. 19.5 0.0340 0.83 1.00 1.96 134.0 10.0 286.4 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
18 11 5 309 20 -2.6 0.070 -9.000 -9.000 -999. 45. 11.5 0.0330 0.83 1.00 1.03 300.0 10.0 284.9 2.0 0
0.00 85. 1007. 0 ADJ-A1 NoSubs
18 11 5 309 21 -3.0 0.073 -9.000 -9.000 -999. 47. 11.7 0.0330 0.83 1.00 1.11 313.0 10.0 283.8 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
18 11 5 309 22 -10.4 0.135 -9.000 -9.000 -999. 119. 21.2 0.0380 0.83 1.00 2.06 332.0 10.0 282.5 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
18 11 5 309 23 -12.2 0.146 -9.000 -9.000 -999. 134. 23.6 0.0380 0.83 1.00 2.22 333.0 10.0 282.0 2.0 0
0.00 85. 1008. 0 ADJ-A1 NoSubs
18 11 5 309 24 -11.4 0.141 -9.000 -9.000 -999. 128. 22.3 0.0380 0.83 1.00 2.15 332.0 10.0 282.0 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
18 11 6 310 1 -8.9 0.124 -9.000 -9.000 -999. 105. 19.3 0.0380 0.83 1.00 1.91 335.0 10.0 280.4 2.0 0
0.00 85. 1008. 0 ADJ-A1 NoSubs
18 11 6 310 2 -10.4 0.134 -9.000 -9.000 -999. 118. 20.8 0.0330 0.83 1.00 2.10 328.0 10.0 281.4 2.0 0

0.00 79. 1008. 0 ADJ-A1 NoSubs
18 11 6 310 3 -7.8 0.116 -9.000 -9.000 -999. 95. 17.9 0.0380 0.83 1.00 1.79 339.0 10.0 280.4 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
18 11 6 310 4 -7.5 0.114 -9.000 -9.000 -999. 92. 17.5 0.0380 0.83 1.00 1.76 348.0 10.0 279.9 2.0 0
0.00 78. 1008. 0 ADJ-A1 NoSubs
18 11 6 310 5 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0380 0.83 1.00 1.77 334.0 10.0 280.4 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
18 11 6 310 6 -5.7 0.098 -9.000 -9.000 -999. 74. 14.9 0.0330 0.83 1.00 1.57 300.0 10.0 279.2 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
18 11 6 310 7 -6.9 0.108 -9.000 -9.000 -999. 85. 16.4 0.0330 0.83 1.00 1.72 307.0 10.0 279.2 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
18 11 6 310 8 -1.9 0.085 -9.000 -9.000 -999. 59. 28.6 0.0330 0.83 0.41 1.30 317.0 10.0 282.5 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
18 11 6 310 9 46.9 0.119 0.577 0.019 147. 99. -3.2 0.0370 0.83 0.26 1.16 151.0 10.0 285.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 11 6 310 10 92.3 0.143 0.856 0.016 245. 130. -2.9 0.0340 0.83 0.21 1.40 120.0 10.0 290.4 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
18 11 6 310 11 123.1 0.137 0.979 0.012 274. 122. -1.9 0.0290 0.83 0.19 1.30 69.0 10.0 293.1 2.0 0
0.00 30. 1010. 0 ADJ-A1 NoSubs
18 11 6 310 12 138.2 0.163 1.053 0.009 304. 157. -2.8 0.0370 0.83 0.19 1.55 174.0 10.0 295.9 2.0 0
0.00 25. 1009. 0 ADJ-A1 NoSubs
18 11 6 310 13 136.9 0.253 1.151 0.006 402. 306. -10.7 0.0230 0.83 0.19 3.17 205.0 10.0 298.1 2.0 0
0.00 15. 1009. 0 ADJ-A1 NoSubs
18 11 6 310 14 117.1 0.291 1.220 0.006 558. 377. -19.0 0.0380 0.83 0.19 3.47 235.0 10.0 295.9 2.0 0
0.00 24. 1009. 0 ADJ-A1 NoSubs
18 11 6 310 15 83.5 0.206 1.148 0.007 653. 227. -9.4 0.0290 0.83 0.22 2.42 252.0 10.0 297.0 2.0 0
0.00 20. 1009. 0 ADJ-A1 NoSubs
18 11 6 310 16 34.9 0.187 0.872 0.008 682. 195. -16.9 0.0380 0.83 0.29 2.21 232.0 10.0 294.9 2.0 0
0.00 26. 1008. 0 ADJ-A1 NoSubs
18 11 6 310 17 -10.7 0.167 -9.000 -9.000 -999. 164. 39.1 0.0370 0.83 0.50 2.49 175.0 10.0 288.8 2.0 0
0.00 74. 1009. 0 ADJ-A1 Sub_CC
18 11 6 310 18 -7.0 0.110 -9.000 -9.000 -999. 88. 17.0 0.0370 0.83 1.00 1.71 166.0 10.0 285.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
18 11 6 310 19 -6.0 0.100 -9.000 -9.000 -999. 75. 14.8 0.0230 0.83 1.00 1.69 207.0 10.0 284.9 2.0 0
0.00 96. 1009. 0 ADJ-A1 Sub_CC
18 11 6 310 20 -7.3 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.77 322.0 10.0 283.1 2.0 0
0.00 89. 1009. 0 ADJ-A1 Sub_CC
18 11 6 310 21 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0380 0.83 1.00 1.03 330.0 10.0 281.4 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 11 6 310 22 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0330 0.83 1.00 1.50 329.0 10.0 281.4 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
18 11 6 310 23 -8.2 0.118 -9.000 -9.000 -999. 98. 18.2 0.0330 0.83 1.00 1.87 329.0 10.0 282.0 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
18 11 6 310 24 -9.4 0.128 -9.000 -9.000 -999. 110. 20.0 0.0380 0.83 1.00 1.96 349.0 10.0 281.4 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 1 -14.0 0.157 -9.000 -9.000 -999. 149. 27.1 0.0380 0.83 1.00 2.37 341.0 10.0 281.4 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 2 -7.9 0.114 -9.000 -9.000 -999. 93. 17.2 0.0260 0.83 1.00 1.89 292.0 10.0 280.4 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 11 7 311 3 -9.1 0.126 -9.000 -9.000 -999. 107. 19.5 0.0380 0.83 1.00 1.93 334.0 10.0 280.4 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 4 -8.9 0.123 -9.000 -9.000 -999. 104. 18.9 0.0330 0.83 1.00 1.94 328.0 10.0 280.4 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 5 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0380 0.83 1.00 1.38 342.0 10.0 279.2 2.0 0

0.00 62. 1011. 0 ADJ-A1 NoSubs
18 11 7 311 6 -9.1 0.126 -9.000 -9.000 -999. 107. 19.5 0.0380 0.83 1.00 1.93 339.0 10.0 279.9 2.0 0
0.00 57. 1011. 0 ADJ-A1 NoSubs
18 11 7 311 7 -4.0 0.082 -9.000 -9.000 -999. 57. 12.6 0.0330 0.83 1.00 1.30 320.0 10.0 279.2 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 11 7 311 8 -1.5 0.071 -9.000 -9.000 -999. 45. 22.0 0.0380 0.83 0.41 1.08 347.0 10.0 283.1 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
18 11 7 311 9 46.0 0.100 0.593 0.016 164. 76. -1.9 0.0230 0.83 0.26 1.01 198.0 10.0 287.0 2.0 0
0.00 36. 1012. 0 ADJ-A1 NoSubs
18 11 7 311 10 91.0 0.169 0.809 0.012 210. 167. -4.8 0.0370 0.83 0.21 1.74 159.0 10.0 290.4 2.0 0
0.00 36. 1012. 0 ADJ-A1 NoSubs
18 11 7 311 11 122.2 0.182 0.946 0.009 250. 186. -4.5 0.0340 0.83 0.19 1.89 147.0 10.0 294.2 2.0 0
0.00 26. 1011. 0 ADJ-A1 NoSubs
18 11 7 311 12 136.8 0.230 1.047 0.006 303. 264. -8.0 0.0370 0.83 0.19 2.52 174.0 10.0 295.9 2.0 0
0.00 23. 1011. 0 ADJ-A1 NoSubs
18 11 7 311 13 134.4 0.280 1.309 0.007 602. 355. -14.6 0.0290 0.83 0.19 3.44 244.0 10.0 295.9 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 14 116.1 0.267 1.334 0.007 737. 331. -14.8 0.0290 0.83 0.19 3.29 261.0 10.0 296.4 2.0 0
0.00 20. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 15 81.4 0.239 1.202 0.006 769. 281. -15.1 0.0380 0.83 0.22 2.79 230.0 10.0 295.4 2.0 0
0.00 19. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 16 32.3 0.231 0.887 0.006 778. 267. -34.6 0.0370 0.83 0.29 2.91 178.0 10.0 291.4 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 17 -11.5 0.169 -9.000 -9.000 -999. 168. 38.1 0.0230 0.83 0.50 2.74 181.0 10.0 286.4 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
18 11 7 311 18 -5.8 0.098 -9.000 -9.000 -999. 75. 14.7 0.0230 0.83 1.00 1.67 198.0 10.0 285.4 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 19 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0380 0.83 1.00 1.53 217.0 10.0 285.4 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 20 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.83 1.00 1.69 311.0 10.0 283.8 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 21 -11.7 0.143 -9.000 -9.000 -999. 130. 22.7 0.0380 0.83 1.00 2.18 334.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 22 -11.8 0.143 -9.000 -9.000 -999. 130. 22.6 0.0380 0.83 1.00 2.18 336.0 10.0 282.0 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 11 7 311 23 -18.2 0.182 -9.000 -9.000 -999. 187. 36.5 0.0330 0.83 1.00 2.79 328.0 10.0 282.5 2.0 0
0.00 76. 1010. 0 ADJ-A1 Sub_CC
18 11 7 311 24 -6.1 0.101 -9.000 -9.000 -999. 80. 15.4 0.0330 0.83 1.00 1.62 317.0 10.0 280.9 2.0 0
0.00 78. 1010. 0 ADJ-A1 NoSubs
18 11 8 312 1 -8.1 0.118 -9.000 -9.000 -999. 97. 18.0 0.0330 0.83 1.00 1.86 306.0 10.0 280.9 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 2 -9.6 0.128 -9.000 -9.000 -999. 110. 19.7 0.0330 0.83 1.00 2.01 322.0 10.0 280.4 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 3 -7.8 0.115 -9.000 -9.000 -999. 93. 17.5 0.0330 0.83 1.00 1.82 321.0 10.0 279.9 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 4 -7.8 0.115 -9.000 -9.000 -999. 93. 17.5 0.0330 0.83 1.00 1.82 302.0 10.0 279.2 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
18 11 8 312 5 -10.8 0.136 -9.000 -9.000 -999. 121. 21.0 0.0330 0.83 1.00 2.13 322.0 10.0 278.8 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 6 -7.1 0.109 -9.000 -9.000 -999. 87. 16.6 0.0330 0.83 1.00 1.74 324.0 10.0 279.2 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 7 -11.3 0.141 -9.000 -9.000 -999. 127. 22.1 0.0380 0.83 1.00 2.14 346.0 10.0 280.9 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 8 -3.3 0.115 -9.000 -9.000 -999. 94. 41.8 0.0260 0.83 0.42 1.82 286.0 10.0 284.2 2.0 0

0.00 42. 1012. 0 ADJ-A1 NoSubs
18 11 8 312 9 44.8 0.139 0.480 0.005 89. 125. -5.5 0.0380 0.83 0.26 1.45 222.0 10.0 287.5 2.0 0
0.00 37. 1012. 0 ADJ-A1 NoSubs
18 11 8 312 10 90.8 0.206 1.050 0.009 460. 225. -8.7 0.0340 0.83 0.21 2.33 130.0 10.0 293.1 2.0 0
0.00 17. 1012. 0 ADJ-A1 NoSubs
18 11 8 312 11 120.9 0.289 1.297 0.010 652. 373. -18.0 0.0340 0.83 0.19 3.51 149.0 10.0 294.2 2.0 0
0.00 17. 1012. 0 ADJ-A1 NoSubs
18 11 8 312 12 135.5 0.213 1.414 0.008 754. 238. -6.4 0.0330 0.83 0.19 2.34 35.0 10.0 295.9 2.0 0
0.00 17. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 13 133.7 0.250 1.447 0.007 818. 300. -10.6 0.0330 0.83 0.19 2.90 40.0 10.0 297.0 2.0 0
0.00 16. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 14 114.6 0.214 1.391 0.006 847. 238. -7.7 0.0290 0.83 0.20 2.47 254.0 10.0 295.9 2.0 0
0.00 16. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 15 80.5 0.247 1.246 0.005 867. 295. -17.0 0.0380 0.83 0.22 2.92 237.0 10.0 295.9 2.0 0
0.00 17. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 16 32.7 0.158 0.926 0.005 874. 154. -11.0 0.0260 0.83 0.29 1.94 289.0 10.0 294.9 2.0 0
0.00 20. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 17 -5.7 0.110 -9.000 -9.000 -999. 88. 21.1 0.0330 0.83 0.51 1.72 49.0 10.0 292.5 2.0 0
0.00 19. 1011. 0 ADJ-A1 NoSubs
18 11 8 312 18 -18.6 0.190 -9.000 -9.000 -999. 199. 39.7 0.0300 0.83 1.00 2.95 98.0 10.0 289.9 2.0 0
0.00 25. 1012. 0 ADJ-A1 NoSubs
18 11 8 312 19 -12.8 0.150 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 32.0 10.0 287.0 2.0 0
0.00 32. 1013. 0 ADJ-A1 NoSubs
18 11 8 312 20 -24.1 0.246 -9.000 -9.000 -999. 293. 66.7 0.0290 0.83 1.00 3.80 69.0 10.0 289.9 2.0 0
0.00 21. 1013. 0 ADJ-A1 NoSubs
18 11 8 312 21 -23.9 0.239 -9.000 -9.000 -999. 280. 62.7 0.0330 0.83 1.00 3.61 32.0 10.0 283.1 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
18 11 8 312 22 -5.2 0.092 -9.000 -9.000 -999. 87. 13.7 0.0230 0.83 1.00 1.57 181.0 10.0 285.4 2.0 0
0.00 30. 1014. 0 ADJ-A1 NoSubs
18 11 8 312 23 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0380 0.83 1.00 1.47 331.0 10.0 283.1 2.0 0
0.00 37. 1014. 0 ADJ-A1 NoSubs
18 11 8 312 24 -8.0 0.116 -9.000 -9.000 -999. 95. 17.8 0.0310 0.83 1.00 1.86 10.0 10.0 282.5 2.0 0
0.00 37. 1014. 0 ADJ-A1 NoSubs
18 11 9 313 1 -9.4 0.126 -9.000 -9.000 -999. 108. 19.6 0.0330 0.83 1.00 1.99 52.0 10.0 282.5 2.0 0
0.00 37. 1014. 0 ADJ-A1 NoSubs
18 11 9 313 2 -5.7 0.098 -9.000 -9.000 -999. 74. 14.9 0.0330 0.83 1.00 1.57 32.0 10.0 281.4 2.0 0
0.00 40. 1014. 0 ADJ-A1 NoSubs
18 11 9 313 3 -8.2 0.118 -9.000 -9.000 -999. 97. 18.0 0.0330 0.83 1.00 1.86 37.0 10.0 279.9 2.0 0
0.00 44. 1014. 0 ADJ-A1 NoSubs
18 11 9 313 4 -8.0 0.116 -9.000 -9.000 -999. 95. 17.8 0.0330 0.83 1.00 1.84 41.0 10.0 280.4 2.0 0
0.00 41. 1014. 0 ADJ-A1 NoSubs
18 11 9 313 5 -7.7 0.113 -9.000 -9.000 -999. 92. 17.2 0.0310 0.83 1.00 1.82 28.0 10.0 279.2 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
18 11 9 313 6 -8.8 0.122 -9.000 -9.000 -999. 103. 18.8 0.0330 0.83 1.00 1.93 49.0 10.0 279.2 2.0 0
0.00 44. 1014. 0 ADJ-A1 NoSubs
18 11 9 313 7 -8.1 0.117 -9.000 -9.000 -999. 96. 17.8 0.0310 0.83 1.00 1.87 26.0 10.0 278.8 2.0 0
0.00 46. 1014. 0 ADJ-A1 NoSubs
18 11 9 313 8 -3.9 0.117 -9.000 -9.000 -999. 97. 37.4 0.0330 0.83 0.42 1.79 44.0 10.0 282.5 2.0 0
0.00 35. 1015. 0 ADJ-A1 NoSubs
18 11 9 313 9 43.5 0.230 0.830 0.009 476. 265. -25.4 0.0300 0.83 0.26 2.95 91.0 10.0 287.5 2.0 0
0.00 24. 1015. 0 ADJ-A1 NoSubs
18 11 9 313 10 88.5 0.307 1.080 0.007 515. 409. -29.7 0.0300 0.83 0.21 3.98 97.0 10.0 290.9 2.0 0
0.00 19. 1015. 0 ADJ-A1 NoSubs
18 11 9 313 11 119.6 0.207 1.230 0.005 564. 230. -6.7 0.0300 0.83 0.19 2.33 96.0 10.0 294.2 2.0 0

0.00 18. 1015. 0 ADJ-A1 NoSubs
18 11 9 313 12 134.8 0.204 1.318 0.005 616. 221. -5.7 0.0300 0.83 0.19 2.25 117.0 10.0 297.0 2.0 0
0.00 17. 1014. 0 ADJ-A1 NoSubs
18 11 9 313 13 133.0 0.221 1.389 0.008 729. 249. -7.3 0.0340 0.83 0.19 2.45 132.0 10.0 298.1 2.0 0
0.00 16. 1013. 0 ADJ-A1 NoSubs
18 11 9 313 14 114.5 0.142 1.415 0.010 895. 131. -2.3 0.0230 0.83 0.20 1.47 186.0 10.0 298.1 2.0 0
0.00 16. 1012. 0 ADJ-A1 NoSubs
18 11 9 313 15 79.9 0.259 1.357 0.011 1130. 316. -19.6 0.0290 0.83 0.22 3.27 242.0 10.0 297.0 2.0 0
0.00 17. 1012. 0 ADJ-A1 NoSubs
18 11 9 313 16 31.9 0.273 1.009 0.011 1164. 343. -57.8 0.0290 0.83 0.29 3.71 268.0 10.0 295.4 2.0 0
0.00 16. 1012. 0 ADJ-A1 NoSubs
18 11 9 313 17 -8.0 0.129 -9.000 -9.000 -999. 127. 24.2 0.0260 0.83 0.52 2.08 299.0 10.0 292.0 2.0 0
0.00 20. 1012. 0 ADJ-A1 NoSubs
18 11 9 313 18 -6.8 0.109 -9.000 -9.000 -999. 86. 17.1 0.0380 0.83 1.00 1.69 340.0 10.0 288.8 2.0 0
0.00 34. 1012. 0 ADJ-A1 NoSubs
18 11 9 313 19 -9.1 0.126 -9.000 -9.000 -999. 107. 19.8 0.0380 0.83 1.00 1.93 336.0 10.0 286.4 2.0 0
0.00 38. 1012. 7 ADJ-A1 NoSubs
18 11 9 313 20 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0330 0.83 1.00 1.57 323.0 10.0 283.1 2.0 0
0.00 47. 1012. 10 ADJ-A1 NoSubs
18 11 9 313 21 -10.9 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.83 1.00 2.15 329.0 10.0 284.2 2.0 0
0.00 42. 1013. 10 ADJ-A1 NoSubs
18 11 9 313 22 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.83 1.00 1.93 333.0 10.0 283.8 2.0 0
0.00 42. 1013. 10 ADJ-A1 NoSubs
18 11 9 313 23 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0330 0.83 1.00 1.72 327.0 10.0 281.4 2.0 0
0.00 47. 1013. 10 ADJ-A1 NoSubs
18 11 9 313 24 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0330 0.83 1.00 1.74 323.0 10.0 280.4 2.0 0
0.00 48. 1012. 10 ADJ-A1 NoSubs
18 11 10 314 1 -5.4 0.094 -9.000 -9.000 -999. 69. 14.1 0.0260 0.83 1.00 1.57 299.0 10.0 280.9 2.0 0
0.00 43. 1012. 10 ADJ-A1 NoSubs
18 11 10 314 2 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0330 0.83 1.00 1.74 304.0 10.0 280.4 2.0 0
0.00 45. 1012. 10 ADJ-A1 NoSubs
18 11 10 314 3 -12.9 0.149 -9.000 -9.000 -999. 139. 24.6 0.0330 0.83 1.00 2.32 320.0 10.0 279.9 2.0 0
0.00 46. 1011. 10 ADJ-A1 NoSubs
18 11 10 314 4 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0380 0.83 1.00 1.60 336.0 10.0 279.9 2.0 0
0.00 44. 1011. 10 ADJ-A1 NoSubs
18 11 10 314 5 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0310 0.83 1.00 1.35 14.0 10.0 278.8 2.0 0
0.00 50. 1011. 10 ADJ-A1 NoSubs
18 11 10 314 6 -5.1 0.092 -9.000 -9.000 -999. 67. 13.9 0.0330 0.83 1.00 1.47 311.0 10.0 277.5 2.0 0
0.00 52. 1011. 10 ADJ-A1 NoSubs
18 11 10 314 7 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0380 0.83 1.00 1.03 337.0 10.0 276.4 2.0 0
0.00 57. 1011. 10 ADJ-A1 NoSubs
18 11 10 314 8 -7.7 0.130 -9.000 -9.000 -999. 113. 26.0 0.0330 0.83 0.43 2.01 318.0 10.0 278.8 2.0 0
0.00 48. 1011. 10 ADJ-A1 NoSubs
18 11 10 314 9 6.9 0.099 0.194 0.018 38. 75. -12.7 0.0380 0.83 0.27 1.14 344.0 10.0 281.4 2.0 0
0.00 43. 1012. 10 ADJ-A1 NoSubs
18 11 10 314 10 18.8 0.114 0.323 0.016 64. 92. -7.1 0.0290 0.83 0.21 1.30 61.0 10.0 285.4 2.0 0
0.00 34. 1011. 10 ADJ-A1 NoSubs
18 11 10 314 11 98.6 0.134 0.812 0.014 196. 117. -2.2 0.0340 0.83 0.19 1.25 137.0 10.0 289.2 2.0 0
0.00 26. 1011. 7 ADJ-A1 NoSubs
18 11 10 314 12 135.7 0.143 1.014 0.010 277. 130. -1.9 0.0340 0.83 0.19 1.31 138.0 10.0 292.0 2.0 0
0.00 23. 1010. 3 ADJ-A1 NoSubs
18 11 10 314 13 129.6 0.183 1.137 0.009 408. 188. -4.3 0.0340 0.83 0.19 1.89 140.0 10.0 293.8 2.0 0
0.00 21. 1009. 0 ADJ-A1 NoSubs
18 11 10 314 14 111.3 0.207 1.153 0.008 496. 226. -7.2 0.0230 0.83 0.20 2.49 209.0 10.0 294.2 2.0 0

0.00 26. 1008. 0 ADJ-A1 NoSubs
18 11 10 314 15 18.5 0.230 0.639 0.008 506. 264. -58.9 0.0290 0.83 0.22 3.12 246.0 10.0 292.5 2.0 0
0.00 31. 1008. 10 ADJ-A1 NoSubs
18 11 10 314 16 5.7 0.177 0.431 0.008 507. 179. -88.0 0.0260 0.83 0.30 2.50 273.0 10.0 289.9 2.0 0
0.00 39. 1008. 10 ADJ-A1 NoSubs
18 11 10 314 17 -4.9 0.096 -9.000 -9.000 -999. 74. 16.4 0.0290 0.83 0.52 1.57 259.0 10.0 287.5 2.0 0
0.00 45. 1008. 10 ADJ-A1 NoSubs
18 11 10 314 18 -2.8 0.071 -9.000 -9.000 -999. 46. 11.5 0.0300 0.83 1.00 1.09 100.0 10.0 285.4 2.0 0
0.00 68. 1008. 10 ADJ-A1 Sub_CC
18 11 10 314 19 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.83 1.00 0.97 2.0 10.0 283.8 2.0 0
0.00 73. 1008. 10 ADJ-A1 NoSubs
18 11 10 314 20 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0380 0.83 1.00 1.50 334.0 10.0 281.4 2.0 0
0.00 65. 1009. 10 ADJ-A1 NoSubs
18 11 10 314 21 -9.2 0.126 -9.000 -9.000 -999. 107. 19.4 0.0330 0.83 1.00 1.98 322.0 10.0 282.0 2.0 0
0.00 62. 1009. 10 ADJ-A1 NoSubs
18 11 10 314 22 -9.6 0.129 -9.000 -9.000 -999. 111. 20.1 0.0380 0.83 1.00 1.98 338.0 10.0 280.4 2.0 0
0.00 65. 1009. 10 ADJ-A1 NoSubs
18 11 10 314 23 -11.0 0.138 -9.000 -9.000 -999. 124. 21.7 0.0380 0.83 1.00 2.11 341.0 10.0 280.9 2.0 0
0.00 57. 1010. 10 ADJ-A1 NoSubs
18 11 10 314 24 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0380 0.83 1.00 1.65 333.0 10.0 279.9 2.0 0
0.00 59. 1010. 10 ADJ-A1 NoSubs
18 11 11 315 1 -11.8 0.143 -9.000 -9.000 -999. 130. 22.5 0.0330 0.83 1.00 2.23 322.0 10.0 280.9 2.0 0
0.00 50. 1010. 7 ADJ-A1 NoSubs
18 11 11 315 2 -7.6 0.114 -9.000 -9.000 -999. 92. 17.5 0.0380 0.83 1.00 1.76 330.0 10.0 279.2 2.0 0
0.00 57. 1010. 10 ADJ-A1 NoSubs
18 11 11 315 3 -5.5 0.096 -9.000 -9.000 -999. 71. 14.5 0.0330 0.83 1.00 1.53 319.0 10.0 278.8 2.0 0
0.00 59. 1010. 10 ADJ-A1 NoSubs
18 11 11 315 4 -6.1 0.101 -9.000 -9.000 -999. 78. 15.4 0.0330 0.83 1.00 1.62 303.0 10.0 278.1 2.0 0
0.00 59. 1010. 10 ADJ-A1 NoSubs
18 11 11 315 5 -4.2 0.084 -9.000 -9.000 -999. 58. 12.8 0.0330 0.83 1.00 1.33 324.0 10.0 275.9 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
18 11 11 315 6 -5.3 0.094 -9.000 -9.000 -999. 70. 14.4 0.0380 0.83 1.00 1.47 352.0 10.0 277.5 2.0 0
0.00 59. 1011. 5 ADJ-A1 NoSubs
18 11 11 315 7 -6.4 0.104 -9.000 -9.000 -999. 80. 15.6 0.0310 0.83 1.00 1.67 18.0 10.0 276.4 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 11 11 315 8 -4.1 0.106 -9.000 -9.000 -999. 82. 26.2 0.0380 0.83 0.44 1.59 354.0 10.0 280.4 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
18 11 11 315 9 40.5 0.118 0.487 0.017 103. 97. -3.7 0.0330 0.83 0.27 1.20 58.0 10.0 285.9 2.0 0
0.00 37. 1013. 0 ADJ-A1 NoSubs
18 11 11 315 10 85.5 0.239 0.756 0.007 183. 280. -14.3 0.0300 0.83 0.21 2.91 117.0 10.0 289.9 2.0 0
0.00 23. 1013. 0 ADJ-A1 NoSubs
18 11 11 315 11 116.5 0.374 0.938 0.016 256. 548. -40.5 0.0290 0.83 0.19 4.97 83.0 10.0 293.1 2.0 0
0.00 16. 1013. 0 ADJ-A1 NoSubs
18 11 11 315 12 130.8 0.387 1.048 0.016 318. 577. -39.9 0.0290 0.83 0.19 5.14 83.0 10.0 294.2 2.0 0
0.00 15. 1013. 0 ADJ-A1 NoSubs
18 11 11 315 13 129.1 0.312 1.279 0.016 586. 422. -21.3 0.0290 0.83 0.19 3.97 69.0 10.0 295.4 2.0 0
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18 11 11 315 14 111.2 0.267 1.260 0.015 650. 333. -15.5 0.0330 0.83 0.20 3.22 58.0 10.0 296.4 2.0 0
0.00 16. 1012. 0 ADJ-A1 NoSubs
18 11 11 315 15 77.6 0.209 1.191 0.016 786. 231. -10.7 0.0290 0.83 0.22 2.50 69.0 10.0 297.0 2.0 0
0.00 15. 1012. 0 ADJ-A1 NoSubs
18 11 11 315 16 29.1 0.174 0.860 0.015 790. 175. -16.4 0.0300 0.83 0.30 2.15 119.0 10.0 293.8 2.0 0
0.00 21. 1013. 0 ADJ-A1 NoSubs
18 11 11 315 17 -5.9 0.108 -9.000 -9.000 -999. 86. 19.3 0.0290 0.83 0.53 1.74 249.0 10.0 288.8 2.0 0

0.00 30. 1013. 0 ADJ-A1 NoSubs
18 11 11 315 18 -7.5 0.113 -9.000 -9.000 -999. 91. 17.6 0.0370 0.83 1.00 1.76 173.0 10.0 285.4 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
18 11 11 315 19 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.83 1.00 1.55 357.0 10.0 283.8 2.0 0
0.00 63. 1015. 0 ADJ-A1 NoSubs
18 11 11 315 20 -15.8 0.166 -9.000 -9.000 -999. 163. 30.4 0.0330 0.83 1.00 2.56 322.0 10.0 284.2 2.0 0
0.00 42. 1015. 0 ADJ-A1 NoSubs
18 11 11 315 21 -18.9 0.187 -9.000 -9.000 -999. 194. 38.5 0.0380 0.83 1.00 2.79 333.0 10.0 282.0 2.0 0
0.00 45. 1016. 0 ADJ-A1 NoSubs
18 11 11 315 22 -16.7 0.171 -9.000 -9.000 -999. 170. 32.3 0.0380 0.83 1.00 2.57 330.0 10.0 282.0 2.0 0
0.00 43. 1017. 0 ADJ-A1 NoSubs
18 11 11 315 23 -6.0 0.100 -9.000 -9.000 -999. 77. 15.2 0.0330 0.83 1.00 1.60 326.0 10.0 281.4 2.0 0
0.00 41. 1017. 0 ADJ-A1 NoSubs
18 11 11 315 24 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0310 0.83 1.00 1.35 6.0 10.0 280.9 2.0 0
0.00 45. 1017. 0 ADJ-A1 NoSubs
18 11 12 316 1 -7.1 0.108 -9.000 -9.000 -999. 85. 16.2 0.0260 0.83 1.00 1.79 296.0 10.0 280.4 2.0 0
0.00 45. 1017. 0 ADJ-A1 NoSubs
18 11 12 316 2 -3.2 0.074 -9.000 -9.000 -999. 49. 11.8 0.0330 0.83 1.00 1.14 324.0 10.0 279.9 2.0 0
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18 11 12 316 4 -6.2 0.101 -9.000 -9.000 -999. 78. 15.4 0.0330 0.83 1.00 1.62 319.0 10.0 278.1 2.0 0
0.00 52. 1017. 0 ADJ-A1 NoSubs
18 11 12 316 5 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0380 0.83 1.00 1.43 343.0 10.0 278.1 2.0 0
0.00 52. 1018. 0 ADJ-A1 NoSubs
18 11 12 316 6 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.83 1.00 0.97 4.0 10.0 278.1 2.0 0
0.00 52. 1018. 0 ADJ-A1 NoSubs
18 11 12 316 7 -3.5 0.077 -9.000 -9.000 -999. 52. 12.0 0.0330 0.83 1.00 1.20 317.0 10.0 277.0 2.0 0
0.00 59. 1018. 0 ADJ-A1 NoSubs
18 11 12 316 8 -1.8 0.068 -9.000 -9.000 -999. 43. 15.7 0.0330 0.83 0.44 1.09 43.0 10.0 281.4 2.0 0
0.00 43. 1019. 0 ADJ-A1 NoSubs
18 11 12 316 9 38.9 0.160 0.430 0.012 74. 154. -9.6 0.0300 0.83 0.27 1.88 93.0 10.0 284.9 2.0 0
0.00 36. 1020. 0 ADJ-A1 NoSubs
18 11 12 316 10 84.2 0.205 0.701 0.010 148. 223. -9.3 0.0300 0.83 0.21 2.40 97.0 10.0 289.9 2.0 0
0.00 25. 1020. 0 ADJ-A1 NoSubs
18 11 12 316 11 115.2 0.218 1.059 0.010 375. 245. -8.2 0.0300 0.83 0.19 2.52 109.0 10.0 293.1 2.0 0
0.00 21. 1020. 0 ADJ-A1 NoSubs
18 11 12 316 12 130.4 0.201 1.154 0.008 428. 217. -5.7 0.0340 0.83 0.19 2.16 130.0 10.0 295.9 2.0 0
0.00 18. 1019. 0 ADJ-A1 NoSubs
18 11 12 316 13 129.0 0.225 1.273 0.008 581. 256. -8.0 0.0340 0.83 0.19 2.52 125.0 10.0 297.5 2.0 0
0.00 16. 1018. 0 ADJ-A1 NoSubs
18 11 12 316 14 109.2 0.270 1.230 0.007 620. 338. -16.5 0.0230 0.83 0.20 3.52 197.0 10.0 294.9 2.0 0
0.00 26. 1019. 0 ADJ-A1 NoSubs
18 11 12 316 15 74.4 0.325 1.096 0.007 644. 445. -42.1 0.0290 0.83 0.22 4.34 263.0 10.0 292.5 2.0 0
0.00 31. 1020. 0 ADJ-A1 NoSubs
18 11 12 316 16 27.4 0.163 0.789 0.006 653. 178. -14.3 0.0260 0.83 0.30 2.04 290.0 10.0 292.0 2.0 0
0.00 28. 1020. 0 ADJ-A1 NoSubs
18 11 12 316 17 -3.9 0.086 -9.000 -9.000 -999. 64. 15.0 0.0260 0.83 0.53 1.43 283.0 10.0 290.4 2.0 0
0.00 32. 1020. 0 ADJ-A1 NoSubs
18 11 12 316 18 -7.7 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.83 1.00 1.81 319.0 10.0 287.0 2.0 0
0.00 39. 1020. 0 ADJ-A1 NoSubs
18 11 12 316 19 -12.4 0.147 -9.000 -9.000 -999. 135. 23.8 0.0380 0.83 1.00 2.23 335.0 10.0 284.9 2.0 0
0.00 46. 1021. 0 ADJ-A1 NoSubs
18 11 12 316 20 -16.0 0.168 -9.000 -9.000 -999. 165. 31.0 0.0380 0.83 1.00 2.52 334.0 10.0 283.8 2.0 0

0.00 45. 1021. 0 ADJ-A1 NoSubs
18 11 12 316 21 -15.4 0.163 -9.000 -9.000 -999. 159. 29.4 0.0330 0.83 1.00 2.52 328.0 10.0 283.8 2.0 0
0.00 40. 1022. 0 ADJ-A1 NoSubs
18 11 12 316 22 -15.0 0.162 -9.000 -9.000 -999. 157. 28.9 0.0380 0.83 1.00 2.44 332.0 10.0 282.0 2.0 0
0.00 43. 1022. 0 ADJ-A1 NoSubs
18 11 12 316 23 -10.0 0.131 -9.000 -9.000 -999. 114. 20.6 0.0380 0.83 1.00 2.01 337.0 10.0 281.4 2.0 0
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18 11 12 316 24 -8.3 0.119 -9.000 -9.000 -999. 99. 18.5 0.0380 0.83 1.00 1.84 335.0 10.0 281.4 2.0 0
0.00 43. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 1 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0330 0.83 1.00 1.42 39.0 10.0 280.9 2.0 0
0.00 49. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 2 -3.3 0.076 -9.000 -9.000 -999. 50. 12.1 0.0380 0.83 1.00 1.14 342.0 10.0 281.4 2.0 0
0.00 47. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 3 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.83 1.00 0.97 4.0 10.0 280.4 2.0 0
0.00 53. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 4 -7.5 0.111 -9.000 -9.000 -999. 89. 16.7 0.0260 0.83 1.00 1.84 280.0 10.0 279.9 2.0 0
0.00 52. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 5 -7.1 0.110 -9.000 -9.000 -999. 87. 16.8 0.0380 0.83 1.00 1.70 351.0 10.0 278.8 2.0 0
0.00 52. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 6 -5.2 0.093 -9.000 -9.000 -999. 68. 14.1 0.0330 0.83 1.00 1.48 39.0 10.0 279.9 2.0 0
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18 11 13 317 7 -3.4 0.076 -9.000 -9.000 -999. 50. 11.7 0.0290 0.83 1.00 1.20 242.0 10.0 279.2 2.0 0
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18 11 13 317 8 -4.6 0.107 -9.000 -9.000 -999. 84. 24.6 0.0380 0.83 0.45 1.62 330.0 10.0 280.4 2.0 0
0.00 48. 1023. 0 ADJ-A1 NoSubs
18 11 13 317 9 37.7 0.114 0.435 0.016 80. 93. -3.6 0.0330 0.83 0.27 1.16 322.0 10.0 284.9 2.0 0
0.00 39. 1024. 0 ADJ-A1 NoSubs
18 11 13 317 10 82.0 0.157 0.721 0.013 167. 150. -4.3 0.0330 0.83 0.22 1.64 59.0 10.0 287.0 2.0 0
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18 11 13 317 11 112.4 0.154 0.972 0.011 299. 145. -3.0 0.0330 0.83 0.19 1.52 45.0 10.0 289.2 2.0 0
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18 11 13 317 12 127.4 0.162 1.121 0.010 404. 157. -3.1 0.0340 0.83 0.19 1.60 145.0 10.0 292.0 2.0 0
0.00 22. 1023. 0 ADJ-A1 NoSubs
18 11 13 317 13 125.9 0.159 1.188 0.008 486. 152. -2.9 0.0300 0.83 0.19 1.60 118.0 10.0 293.8 2.0 0
0.00 20. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 14 107.8 0.130 1.189 0.007 569. 112. -1.8 0.0230 0.83 0.20 1.30 195.0 10.0 294.2 2.0 0
0.00 19. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 15 73.8 0.144 1.082 0.006 625. 131. -3.7 0.0230 0.83 0.23 1.59 187.0 10.0 293.8 2.0 0
0.00 23. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 16 26.0 0.191 0.770 0.006 639. 200. -24.3 0.0230 0.83 0.30 2.56 197.0 10.0 290.9 2.0 0
0.00 29. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 17 -3.5 0.081 -9.000 -9.000 -999. 63. 13.6 0.0230 0.83 0.54 1.37 203.0 10.0 287.5 2.0 0
0.00 38. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 18 -3.7 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.83 1.00 1.25 36.0 10.0 286.4 2.0 0
0.00 50. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 19 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.83 1.00 1.33 4.0 10.0 285.4 2.0 0
0.00 54. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 20 -9.8 0.130 -9.000 -9.000 -999. 112. 20.5 0.0380 0.83 1.00 1.99 331.0 10.0 284.9 2.0 0
0.00 46. 1022. 0 ADJ-A1 NoSubs
18 11 13 317 21 -14.5 0.159 -9.000 -9.000 -999. 152. 27.9 0.0380 0.83 1.00 2.40 340.0 10.0 282.5 2.0 0
0.00 51. 1022. 0 ADJ-A1 NoSubs
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0.00 42. 1022. 0 ADJ-A1 NoSubs
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0.00 49. 1022. 0 ADJ-A1 NoSubs
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0.00 45. 1022. 0 ADJ-A1 NoSubs
18 11 14 318 1 -11.9 0.143 -9.000 -9.000 -999. 130. 22.6 0.0380 0.83 1.00 2.18 358.0 10.0 280.9 2.0 0
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18 11 14 318 3 -5.8 0.098 -9.000 -9.000 -999. 74. 14.9 0.0330 0.83 1.00 1.57 313.0 10.0 278.8 2.0 0
0.00 54. 1022. 0 ADJ-A1 NoSubs
18 11 14 318 4 -9.9 0.130 -9.000 -9.000 -999. 112. 20.2 0.0380 0.83 1.00 1.99 342.0 10.0 278.1 2.0 0
0.00 52. 1021. 0 ADJ-A1 NoSubs
18 11 14 318 5 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0330 0.83 1.00 1.31 43.0 10.0 279.9 2.0 0
0.00 50. 1022. 0 ADJ-A1 NoSubs
18 11 14 318 6 -2.3 0.066 -9.000 -9.000 -999. 41. 11.6 0.0330 0.83 1.00 0.91 310.0 10.0 278.1 2.0 0
0.00 57. 1022. 0 ADJ-A1 NoSubs
18 11 14 318 7 -5.1 0.092 -9.000 -9.000 -999. 67. 13.9 0.0330 0.83 1.00 1.47 305.0 10.0 276.4 2.0 0
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18 11 14 318 8 -1.3 0.056 -9.000 -9.000 -999. 32. 12.5 0.0380 0.83 0.45 0.86 334.0 10.0 280.4 2.0 0
0.00 48. 1022. 0 ADJ-A1 NoSubs
18 11 14 318 9 36.2 0.160 0.497 0.016 124. 154. -10.4 0.0290 0.83 0.28 1.91 88.0 10.0 283.8 2.0 0
0.00 38. 1022. 0 ADJ-A1 NoSubs
18 11 14 318 10 81.0 0.125 0.825 0.016 253. 106. -2.2 0.0300 0.83 0.22 1.20 92.0 10.0 288.1 2.0 0
0.00 30. 1021. 0 ADJ-A1 NoSubs
18 11 14 318 11 112.2 0.178 1.000 0.013 324. 180. -4.6 0.0300 0.83 0.20 1.91 95.0 10.0 292.0 2.0 0
0.00 23. 1020. 0 ADJ-A1 NoSubs
18 11 14 318 12 127.6 0.164 1.097 0.011 376. 159. -3.1 0.0300 0.83 0.19 1.67 110.0 10.0 295.4 2.0 0
0.00 17. 1020. 0 ADJ-A1 NoSubs
18 11 14 318 13 126.3 0.136 1.190 0.010 485. 121. -1.8 0.0380 0.83 0.19 1.20 335.0 10.0 297.0 2.0 0
0.00 16. 1018. 0 ADJ-A1 NoSubs
18 11 14 318 14 108.0 0.234 1.188 0.008 563. 271. -10.7 0.0290 0.83 0.20 2.79 257.0 10.0 297.0 2.0 0
0.00 15. 1017. 0 ADJ-A1 NoSubs
18 11 14 318 15 73.5 0.258 1.063 0.007 593. 314. -21.2 0.0260 0.83 0.23 3.35 273.0 10.0 295.4 2.0 0
0.00 14. 1017. 0 ADJ-A1 NoSubs
18 11 14 318 16 26.8 0.231 0.764 0.007 604. 267. -42.0 0.0260 0.83 0.31 3.15 282.0 10.0 294.9 2.0 0
0.00 14. 1017. 0 ADJ-A1 NoSubs
18 11 14 318 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 0.54 0.00 0.0 10.0 290.4 2.0
0 0.00 17. 1017. 0 ADJ-SFC NoSubs
18 11 14 318 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 287.0 2.0
0 0.00 28. 1017. 0 ADJ-SFC NoSubs
18 11 14 318 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 999. 1017. 0 ADJ-SFC Sub_CC
18 11 14 318 20 -13.3 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 323.0 10.0 284.9 2.0 0
0.00 37. 1017. 0 ADJ-SFC NoSubs
18 11 14 318 21 -13.4 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 328.0 10.0 283.8 2.0 0
0.00 35. 1018. 0 ADJ-SFC NoSubs
18 11 14 318 22 -14.0 0.156 -9.000 -9.000 -999. 148. 26.9 0.0380 0.83 1.00 2.36 331.0 10.0 282.5 2.0 0
0.00 38. 1017. 0 ADJ-SFC NoSubs
18 11 14 318 23 -14.0 0.156 -9.000 -9.000 -999. 148. 26.9 0.0380 0.83 1.00 2.36 331.0 10.0 282.0 2.0 0
0.00 38. 1017. 0 ADJ-SFC NoSubs
18 11 14 318 24 -13.4 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 318.0 10.0 282.5 2.0 0
0.00 35. 1017. 0 ADJ-SFC NoSubs
18 11 15 319 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.83 1.00 0.00 0.0 10.0 280.9 2.0
0 0.00 45. 1017. 0 ADJ-SFC NoSubs
18 11 15 319 2 -2.4 0.067 -9.000 -9.000 -999. 41. 11.3 0.0290 0.83 1.00 0.97 240.0 10.0 280.9 2.0 0

0.00 46. 1016. 0 ADJ-A1 NoSubs
18 11 15 319 3 -3.0 0.073 -9.000 -9.000 -999. 48. 11.9 0.0370 0.83 1.00 1.09 152.0 10.0 281.4 2.0 0
0.00 43. 1016. 0 ADJ-A1 NoSubs
18 11 15 319 4 -9.0 0.122 -9.000 -9.000 -999. 103. 18.4 0.0260 0.83 1.00 2.01 281.0 10.0 278.1 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
18 11 15 319 5 -14.5 0.158 -9.000 -9.000 -999. 151. 27.6 0.0330 0.83 1.00 2.45 328.0 10.0 278.1 2.0 0
0.00 52. 1015. 0 ADJ-A1 NoSubs
18 11 15 319 6 -7.0 0.109 -9.000 -9.000 -999. 87. 16.7 0.0380 0.83 1.00 1.69 352.0 10.0 278.8 2.0 0
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18 11 15 319 7 -9.1 0.124 -9.000 -9.000 -999. 105. 19.1 0.0330 0.83 1.00 1.96 308.0 10.0 278.8 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
18 11 15 319 8 -2.4 0.074 -9.000 -9.000 -999. 49. 15.1 0.0260 0.83 0.46 1.23 298.0 10.0 279.9 2.0 0
0.00 52. 1016. 0 ADJ-A1 NoSubs
18 11 15 319 9 35.1 0.142 0.414 0.015 73. 128. -7.3 0.0340 0.83 0.28 1.57 142.0 10.0 284.2 2.0 0
0.00 36. 1016. 0 ADJ-A1 NoSubs
18 11 15 319 10 79.2 0.165 0.736 0.014 182. 162. -5.2 0.0370 0.83 0.22 1.72 152.0 10.0 286.4 2.0 0
0.00 31. 1015. 0 ADJ-A1 NoSubs
18 11 15 319 11 110.2 0.144 0.936 0.012 269. 131. -2.4 0.0340 0.83 0.20 1.37 141.0 10.0 290.4 2.0 0
0.00 26. 1015. 0 ADJ-A1 NoSubs
18 11 15 319 12 125.4 0.176 1.060 0.009 343. 177. -3.9 0.0370 0.83 0.19 1.76 155.0 10.0 293.1 2.0 0
0.00 20. 1014. 0 ADJ-A1 NoSubs
18 11 15 319 13 124.6 0.176 1.195 0.008 494. 176. -3.9 0.0340 0.83 0.19 1.79 148.0 10.0 295.9 2.0 0
0.00 17. 1013. 0 ADJ-A1 NoSubs
18 11 15 319 14 106.9 0.175 1.212 0.008 602. 176. -4.5 0.0370 0.83 0.20 1.79 151.0 10.0 297.0 2.0 0
0.00 17. 1012. 0 ADJ-A1 NoSubs
18 11 15 319 15 73.0 0.208 1.087 0.007 634. 228. -11.2 0.0370 0.83 0.23 2.37 165.0 10.0 296.4 2.0 0
0.00 20. 1012. 0 ADJ-A1 NoSubs
18 11 15 319 16 25.6 0.177 0.770 0.007 643. 178. -19.4 0.0290 0.83 0.31 2.23 254.0 10.0 294.2 2.0 0
0.00 27. 1012. 0 ADJ-A1 NoSubs
18 11 15 319 17 -7.3 0.118 -9.000 -9.000 -999. 98. 20.5 0.0260 0.83 0.55 1.93 289.0 10.0 290.9 2.0 0
0.00 29. 1012. 0 ADJ-A1 NoSubs
18 11 15 319 18 -2.5 0.069 -9.000 -9.000 -999. 44. 11.8 0.0380 0.83 1.00 0.97 343.0 10.0 287.0 2.0 0
0.00 44. 1012. 0 ADJ-A1 NoSubs
18 11 15 319 19 -3.3 0.077 -9.000 -9.000 -999. 51. 12.3 0.0380 0.83 1.00 1.16 345.0 10.0 285.4 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
18 11 15 319 20 -10.6 0.136 -9.000 -9.000 -999. 121. 21.5 0.0380 0.83 1.00 2.08 332.0 10.0 284.9 2.0 0
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18 11 15 319 21 -6.6 0.106 -9.000 -9.000 -999. 83. 16.2 0.0330 0.83 1.00 1.69 314.0 10.0 283.1 2.0 0
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18 11 15 319 22 -8.6 0.121 -9.000 -9.000 -999. 101. 18.6 0.0330 0.83 1.00 1.91 322.0 10.0 282.0 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
18 11 15 319 23 -8.6 0.121 -9.000 -9.000 -999. 101. 18.7 0.0330 0.83 1.00 1.91 308.0 10.0 282.5 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
18 11 15 319 24 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0330 0.83 1.00 1.64 304.0 10.0 278.8 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
18 11 16 320 1 -4.3 0.085 -9.000 -9.000 -999. 59. 13.0 0.0330 0.83 1.00 1.35 326.0 10.0 280.4 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
18 11 16 320 2 -9.6 0.127 -9.000 -9.000 -999. 109. 19.2 0.0260 0.83 1.00 2.08 295.0 10.0 279.2 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
18 11 16 320 3 -5.5 0.096 -9.000 -9.000 -999. 71. 14.5 0.0310 0.83 1.00 1.55 5.0 10.0 279.2 2.0 0
0.00 57. 1011. 0 ADJ-A1 NoSubs
18 11 16 320 4 -4.3 0.086 -9.000 -9.000 -999. 60. 13.2 0.0380 0.83 1.00 1.33 360.0 10.0 279.2 2.0 0
0.00 57. 1011. 0 ADJ-A1 NoSubs
18 11 16 320 5 -4.5 0.087 -9.000 -9.000 -999. 61. 13.2 0.0330 0.83 1.00 1.38 314.0 10.0 278.8 2.0 0

0.00 61. 1010. 0 ADJ-A1 NoSubs
18 11 16 320 6 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0260 0.83 1.00 1.71 276.0 10.0 278.1 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
18 11 16 320 7 -8.8 0.121 -9.000 -9.000 -999. 101. 18.2 0.0260 0.83 1.00 1.99 272.0 10.0 278.8 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
18 11 16 320 8 -2.9 0.082 -9.000 -9.000 -999. 56. 16.6 0.0330 0.83 0.46 1.30 311.0 10.0 280.4 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
18 11 16 320 9 33.8 0.116 0.392 0.016 64. 95. -4.1 0.0330 0.83 0.28 1.20 329.0 10.0 284.2 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
18 11 16 320 10 78.1 0.121 0.703 0.016 160. 101. -2.0 0.0370 0.83 0.22 1.09 169.0 10.0 287.0 2.0 0
0.00 32. 1011. 0 ADJ-A1 NoSubs
18 11 16 320 11 109.4 0.142 0.923 0.013 259. 128. -2.3 0.0370 0.83 0.20 1.31 172.0 10.0 291.4 2.0 0
0.00 27. 1010. 0 ADJ-A1 NoSubs
18 11 16 320 12 124.5 0.199 1.082 0.011 367. 214. -5.7 0.0370 0.83 0.19 2.10 175.0 10.0 293.8 2.0 0
0.00 25. 1010. 0 ADJ-A1 NoSubs
18 11 16 320 13 122.9 0.186 1.173 0.010 473. 193. -4.7 0.0230 0.83 0.19 2.13 197.0 10.0 294.9 2.0 0
0.00 27. 1009. 0 ADJ-A1 NoSubs
18 11 16 320 14 104.3 0.279 1.176 0.011 561. 353. -18.7 0.0380 0.83 0.20 3.32 233.0 10.0 293.8 2.0 0
0.00 35. 1009. 0 ADJ-A1 NoSubs
18 11 16 320 15 70.8 0.299 1.051 0.011 590. 393. -34.1 0.0380 0.83 0.23 3.74 230.0 10.0 293.8 2.0 0
0.00 26. 1009. 0 ADJ-A1 NoSubs
18 11 16 320 16 23.6 0.263 0.731 0.011 597. 324. -69.2 0.0380 0.83 0.31 3.42 236.0 10.0 291.4 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
18 11 16 320 17 -6.9 0.113 -9.000 -9.000 -999. 110. 18.9 0.0230 0.83 0.55 1.89 206.0 10.0 287.0 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
18 11 16 320 18 -5.1 0.092 -9.000 -9.000 -999. 68. 13.9 0.0260 0.83 1.00 1.54 273.0 10.0 285.9 2.0 0
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18 11 16 320 19 -7.1 0.111 -9.000 -9.000 -999. 89. 17.2 0.0380 0.83 1.00 1.72 332.0 10.0 283.8 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
18 11 16 320 20 -8.7 0.123 -9.000 -9.000 -999. 103. 19.1 0.0380 0.83 1.00 1.89 340.0 10.0 282.0 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
18 11 16 320 21 -11.2 0.140 -9.000 -9.000 -999. 126. 22.0 0.0380 0.83 1.00 2.13 333.0 10.0 282.0 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
18 11 16 320 22 -11.0 0.138 -9.000 -9.000 -999. 122. 21.4 0.0330 0.83 1.00 2.15 328.0 10.0 281.4 2.0 0
0.00 53. 1010. 3 ADJ-A1 NoSubs
18 11 16 320 23 -8.3 0.119 -9.000 -9.000 -999. 99. 18.5 0.0380 0.83 1.00 1.84 344.0 10.0 280.9 2.0 0
0.00 55. 1010. 10 ADJ-A1 NoSubs
18 11 16 320 24 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0380 0.83 1.00 1.65 336.0 10.0 281.4 2.0 0
0.00 60. 1010. 10 ADJ-A1 NoSubs
18 11 17 321 1 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0380 0.83 1.00 1.03 360.0 10.0 281.4 2.0 0
0.00 62. 1011. 10 ADJ-A1 NoSubs
18 11 17 321 2 -6.1 0.102 -9.000 -9.000 -999. 78. 15.7 0.0380 0.83 1.00 1.59 339.0 10.0 280.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 11 17 321 3 -13.8 0.156 -9.000 -9.000 -999. 147. 26.6 0.0380 0.83 1.00 2.35 341.0 10.0 280.9 2.0 0
0.00 60. 1011. 10 ADJ-A1 NoSubs
18 11 17 321 4 -6.2 0.103 -9.000 -9.000 -999. 80. 15.8 0.0380 0.83 1.00 1.60 333.0 10.0 281.4 2.0 0
0.00 65. 1011. 10 ADJ-A1 NoSubs
18 11 17 321 5 -8.0 0.117 -9.000 -9.000 -999. 96. 18.2 0.0380 0.83 1.00 1.81 349.0 10.0 282.0 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
18 11 17 321 6 -6.7 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.83 1.00 1.67 354.0 10.0 282.0 2.0 0
0.00 76. 1011. 10 ADJ-A1 NoSubs
18 11 17 321 7 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0380 0.83 1.00 1.38 358.0 10.0 282.0 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
18 11 17 321 8 -3.0 0.078 -9.000 -9.000 -999. 52. 14.0 0.0380 0.83 0.47 1.21 336.0 10.0 281.4 2.0 0

0.00 92. 1011. 10 ADJ-A1 NoSubs
18 11 17 321 9 5.1 0.115 0.158 0.016 27. 94. -27.1 0.0380 0.83 0.28 1.42 360.0 10.0 283.1 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 11 17 321 10 76.7 0.117 0.758 0.016 205. 96. -1.9 0.0380 0.83 0.22 1.04 355.0 10.0 286.4 2.0 0
0.00 69. 1013. 0 ADJ-A1 NoSubs
18 11 17 321 11 106.8 0.195 0.945 0.015 285. 206. -6.2 0.0230 0.83 0.20 2.30 188.0 10.0 287.5 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 11 17 321 12 121.4 0.208 1.055 0.013 349. 228. -6.7 0.0340 0.83 0.19 2.28 149.0 10.0 288.8 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
18 11 17 321 13 119.5 0.234 1.173 0.012 487. 271. -9.6 0.0230 0.83 0.19 2.89 185.0 10.0 289.2 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
18 11 17 321 14 101.5 0.295 1.142 0.011 530. 384. -22.7 0.0380 0.83 0.20 3.57 239.0 10.0 289.2 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
18 11 17 321 15 67.7 0.265 1.015 0.010 557. 328. -24.8 0.0290 0.83 0.23 3.41 249.0 10.0 288.1 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
18 11 17 321 16 21.2 0.217 0.693 0.010 567. 243. -43.4 0.0290 0.83 0.31 2.90 258.0 10.0 287.0 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
18 11 17 321 17 -6.4 0.109 -9.000 -9.000 -999. 93. 18.2 0.0290 0.83 0.56 1.76 252.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 11 17 321 18 -1.3 0.058 -9.000 -9.000 -999. 35. 14.0 0.0330 0.83 1.00 0.60 304.0 10.0 284.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 11 17 321 19 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0380 0.83 1.00 1.55 331.0 10.0 282.5 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
18 11 17 321 20 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.83 1.00 1.91 334.0 10.0 282.0 2.0 0
0.00 92. 1012. 3 ADJ-A1 NoSubs
18 11 17 321 21 -9.7 0.130 -9.000 -9.000 -999. 112. 20.3 0.0380 0.83 1.00 1.99 333.0 10.0 280.9 2.0 0
0.00 95. 1012. 0 ADJ-A1 NoSubs
18 11 17 321 22 -12.3 0.146 -9.000 -9.000 -999. 134. 23.5 0.0380 0.83 1.00 2.22 332.0 10.0 280.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 11 17 321 23 -11.8 0.143 -9.000 -9.000 -999. 130. 22.6 0.0380 0.83 1.00 2.18 330.0 10.0 280.4 2.0 0
0.00 96. 1013. 5 ADJ-A1 NoSubs
18 11 17 321 24 -9.7 0.129 -9.000 -9.000 -999. 111. 20.1 0.0380 0.83 1.00 1.98 333.0 10.0 280.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 11 18 322 1 -12.6 0.148 -9.000 -9.000 -999. 137. 24.2 0.0380 0.83 1.00 2.25 334.0 10.0 280.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 11 18 322 2 -10.9 0.138 -9.000 -9.000 -999. 123. 21.6 0.0380 0.83 1.00 2.10 346.0 10.0 281.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 11 18 322 3 -3.2 0.075 -9.000 -9.000 -999. 50. 11.7 0.0310 0.83 1.00 1.16 23.0 10.0 281.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
18 11 18 322 4 -3.6 0.079 -9.000 -9.000 -999. 53. 12.0 0.0290 0.83 1.00 1.26 82.0 10.0 280.4 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 18 322 5 -12.2 0.145 -9.000 -9.000 -999. 133. 23.2 0.0340 0.83 1.00 2.25 144.0 10.0 280.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 11 18 322 6 -2.8 0.071 -9.000 -9.000 -999. 47. 11.4 0.0290 0.83 1.00 1.09 65.0 10.0 280.4 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 11 18 322 7 -6.1 0.102 -9.000 -9.000 -999. 78. 15.7 0.0380 0.83 1.00 1.59 347.0 10.0 280.4 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 11 18 322 8 -3.2 0.079 -9.000 -9.000 -999. 53. 14.0 0.0380 0.83 0.48 1.23 339.0 10.0 279.9 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 11 18 322 9 4.4 0.146 0.137 0.016 21. 133. -64.0 0.0330 0.83 0.29 1.94 52.0 10.0 280.9 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
18 11 18 322 10 79.6 0.206 0.807 0.018 239. 224. -9.9 0.0300 0.83 0.22 2.42 105.0 10.0 282.0 2.0 0
0.00 85. 1013. 3 ADJ-A1 NoSubs
18 11 18 322 11 105.1 0.163 1.049 0.017 397. 158. -3.7 0.0340 0.83 0.20 1.65 131.0 10.0 285.9 2.0 0

0.00 66. 1013. 0 ADJ-A1 NoSubs
18 11 18 322 12 120.0 0.169 1.132 0.015 437. 166. -3.6 0.0230 0.83 0.19 1.86 182.0 10.0 288.1 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
18 11 18 322 13 119.1 0.157 1.162 0.014 476. 150. -3.0 0.0230 0.83 0.19 1.69 207.0 10.0 290.9 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
18 11 18 322 14 100.8 0.310 1.123 0.013 507. 415. -26.8 0.0380 0.83 0.20 3.81 228.0 10.0 290.4 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
18 11 18 322 15 67.7 0.246 0.996 0.012 527. 295. -19.9 0.0380 0.83 0.23 2.95 237.0 10.0 290.9 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
18 11 18 322 16 20.6 0.274 0.672 0.012 531. 344. -90.1 0.0380 0.83 0.31 3.61 215.0 10.0 287.5 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
18 11 18 322 17 -7.6 0.119 -9.000 -9.000 -999. 119. 20.0 0.0290 0.83 0.56 1.91 262.0 10.0 285.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 11 18 322 18 -3.4 0.076 -9.000 -9.000 -999. 51. 11.7 0.0260 0.83 1.00 1.23 282.0 10.0 284.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 11 18 322 19 -6.9 0.108 -9.000 -9.000 -999. 85. 16.6 0.0330 0.83 1.00 1.72 329.0 10.0 283.1 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 11 18 322 20 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0380 0.83 1.00 1.77 338.0 10.0 282.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 11 18 322 21 -13.0 0.150 -9.000 -9.000 -999. 140. 24.8 0.0330 0.83 1.00 2.33 323.0 10.0 282.0 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 11 18 322 22 -11.5 0.141 -9.000 -9.000 -999. 127. 22.2 0.0380 0.83 1.00 2.15 335.0 10.0 280.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 11 18 322 23 -9.1 0.126 -9.000 -9.000 -999. 107. 19.6 0.0380 0.83 1.00 1.93 336.0 10.0 280.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
18 11 18 322 24 -9.3 0.126 -9.000 -9.000 -999. 108. 19.7 0.0380 0.83 1.00 1.94 338.0 10.0 280.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
18 11 19 323 1 -14.9 0.162 -9.000 -9.000 -999. 157. 28.9 0.0380 0.83 1.00 2.44 333.0 10.0 279.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 11 19 323 2 -13.0 0.150 -9.000 -9.000 -999. 140. 24.8 0.0330 0.83 1.00 2.33 316.0 10.0 279.2 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 11 19 323 3 -5.8 0.100 -9.000 -9.000 -999. 76. 15.2 0.0380 0.83 1.00 1.55 332.0 10.0 278.8 2.0 0
0.00 95. 1012. 0 ADJ-A1 NoSubs
18 11 19 323 4 -12.4 0.147 -9.000 -9.000 -999. 135. 23.8 0.0380 0.83 1.00 2.23 343.0 10.0 278.8 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 5 -8.0 0.117 -9.000 -9.000 -999. 96. 18.1 0.0380 0.83 1.00 1.81 351.0 10.0 278.1 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 6 -6.4 0.104 -9.000 -9.000 -999. 81. 15.9 0.0380 0.83 1.00 1.62 347.0 10.0 277.5 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 7 -3.9 0.081 -9.000 -9.000 -999. 55. 12.1 0.0260 0.83 1.00 1.33 285.0 10.0 278.1 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 8 -6.9 0.122 -9.000 -9.000 -999. 102. 23.8 0.0330 0.83 0.48 1.89 318.0 10.0 279.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 9 29.6 0.132 0.407 0.022 82. 115. -7.1 0.0330 0.83 0.29 1.47 325.0 10.0 281.4 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
18 11 19 323 10 74.0 0.112 0.745 0.021 201. 90. -1.7 0.0330 0.83 0.22 1.01 309.0 10.0 285.4 2.0 0
0.00 63. 1012. 0 ADJ-A1 NoSubs
18 11 19 323 11 104.8 0.177 0.909 0.018 259. 179. -4.8 0.0300 0.83 0.20 1.91 109.0 10.0 288.8 2.0 0
0.00 48. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 12 119.9 0.181 1.096 0.015 396. 185. -4.4 0.0370 0.83 0.19 1.84 168.0 10.0 290.9 2.0 0
0.00 40. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 13 118.4 0.160 1.133 0.014 443. 154. -3.1 0.0370 0.83 0.19 1.55 165.0 10.0 292.0 2.0 0
0.00 36. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 14 101.2 0.172 1.105 0.013 480. 171. -4.5 0.0340 0.83 0.20 1.79 128.0 10.0 293.8 2.0 0

0.00 32. 1010. 0 ADJ-A1 NoSubs
18 11 19 323 15 67.5 0.287 0.980 0.012 502. 368. -31.4 0.0380 0.83 0.23 3.56 228.0 10.0 292.5 2.0 0
0.00 30. 1010. 0 ADJ-A1 NoSubs
18 11 19 323 16 20.8 0.168 0.664 0.012 507. 173. -20.5 0.0290 0.83 0.32 2.13 261.0 10.0 290.4 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
18 11 19 323 17 -3.8 0.084 -9.000 -9.000 -999. 62. 14.2 0.0380 0.83 0.57 1.31 211.0 10.0 288.1 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
18 11 19 323 18 -6.1 0.101 -9.000 -9.000 -999. 77. 15.4 0.0290 0.83 1.00 1.65 253.0 10.0 285.9 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
18 11 19 323 19 -10.3 0.134 -9.000 -9.000 -999. 118. 21.2 0.0380 0.83 1.00 2.05 330.0 10.0 284.9 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
18 11 19 323 20 -5.5 0.096 -9.000 -9.000 -999. 72. 14.7 0.0330 0.83 1.00 1.54 314.0 10.0 283.1 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
18 11 19 323 21 -9.9 0.131 -9.000 -9.000 -999. 113. 20.3 0.0330 0.83 1.00 2.05 328.0 10.0 283.1 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 22 -14.2 0.158 -9.000 -9.000 -999. 151. 27.6 0.0380 0.83 1.00 2.39 340.0 10.0 282.0 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 23 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.83 1.00 2.27 334.0 10.0 281.4 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
18 11 19 323 24 -14.9 0.161 -9.000 -9.000 -999. 155. 28.6 0.0330 0.83 1.00 2.49 328.0 10.0 281.4 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
18 11 20 324 1 -11.5 0.141 -9.000 -9.000 -999. 127. 22.1 0.0380 0.83 1.00 2.15 335.0 10.0 278.8 2.0 0
0.00 78. 1011. 0 ADJ-A1 NoSubs
18 11 20 324 2 -11.0 0.138 -9.000 -9.000 -999. 124. 21.7 0.0380 0.83 1.00 2.11 345.0 10.0 279.9 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 3 -4.6 0.089 -9.000 -9.000 -999. 64. 13.6 0.0380 0.83 1.00 1.38 342.0 10.0 278.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 4 -9.0 0.124 -9.000 -9.000 -999. 105. 19.2 0.0380 0.83 1.00 1.91 344.0 10.0 278.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 5 -9.9 0.130 -9.000 -9.000 -999. 112. 20.0 0.0330 0.83 1.00 2.04 325.0 10.0 278.1 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 6 -13.6 0.154 -9.000 -9.000 -999. 145. 26.1 0.0380 0.83 1.00 2.33 340.0 10.0 277.5 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 7 -4.6 0.089 -9.000 -9.000 -999. 65. 13.6 0.0380 0.83 1.00 1.38 344.0 10.0 277.5 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 11 20 324 8 -8.0 0.131 -9.000 -9.000 -999. 114. 25.7 0.0380 0.83 0.49 1.98 336.0 10.0 279.9 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
18 11 20 324 9 28.8 0.121 0.398 0.015 79. 101. -5.5 0.0330 0.83 0.29 1.30 46.0 10.0 283.1 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
18 11 20 324 10 73.3 0.114 0.727 0.015 189. 92. -1.8 0.0330 0.83 0.22 1.04 56.0 10.0 287.0 2.0 0
0.00 50. 1012. 0 ADJ-A1 NoSubs
18 11 20 324 11 103.8 0.151 0.926 0.015 276. 140. -3.0 0.0340 0.83 0.20 1.48 139.0 10.0 289.2 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
18 11 20 324 12 118.9 0.159 1.066 0.012 368. 153. -3.1 0.0370 0.83 0.19 1.54 152.0 10.0 291.4 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
18 11 20 324 13 117.4 0.268 1.130 0.010 444. 333. -14.8 0.0290 0.83 0.19 3.30 249.0 10.0 292.0 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 14 99.3 0.322 1.135 0.009 530. 438. -30.2 0.0290 0.83 0.20 4.20 248.0 10.0 291.4 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 15 66.0 0.312 1.028 0.008 592. 417. -41.3 0.0290 0.83 0.23 4.15 246.0 10.0 290.9 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 16 20.1 0.213 0.698 0.008 609. 240. -43.1 0.0290 0.83 0.32 2.84 251.0 10.0 290.4 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
18 11 20 324 17 -6.4 0.109 -9.000 -9.000 -999. 92. 18.0 0.0260 0.83 0.57 1.79 285.0 10.0 289.2 2.0 0

0.00 61. 1009. 0 ADJ-A1 NoSubs
18 11 20 324 18 -4.1 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.83 1.00 1.31 330.0 10.0 286.4 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 19 -10.9 0.139 -9.000 -9.000 -999. 124. 21.9 0.0380 0.83 1.00 2.11 332.0 10.0 285.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 20 -12.3 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.83 1.00 2.28 329.0 10.0 284.9 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 21 -15.6 0.166 -9.000 -9.000 -999. 163. 30.5 0.0380 0.83 1.00 2.50 339.0 10.0 283.8 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
18 11 20 324 22 -7.8 0.116 -9.000 -9.000 -999. 95. 18.0 0.0380 0.83 1.00 1.79 337.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 11 20 324 23 -9.9 0.131 -9.000 -9.000 -999. 114. 20.6 0.0380 0.83 1.00 2.01 332.0 10.0 283.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
18 11 20 324 24 -9.6 0.129 -9.000 -9.000 -999. 111. 20.3 0.0380 0.83 1.00 1.98 341.0 10.0 283.1 2.0 0
0.00 86. 1011. 3 ADJ-A1 NoSubs
18 11 21 325 1 -11.4 0.141 -9.000 -9.000 -999. 128. 22.3 0.0380 0.83 1.00 2.15 353.0 10.0 282.5 2.0 0
0.00 89. 1010. 5 ADJ-A1 NoSubs
18 11 21 325 2 -3.6 0.079 -9.000 -9.000 -999. 54. 12.5 0.0380 0.83 1.00 1.21 360.0 10.0 282.5 2.0 0
0.00 89. 1010. 7 ADJ-A1 NoSubs
18 11 21 325 3 -3.0 0.073 -9.000 -9.000 -999. 47. 11.6 0.0310 0.83 1.00 1.13 15.0 10.0 283.8 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
18 11 21 325 4 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.83 1.00 1.93 355.0 10.0 283.8 2.0 0
0.00 85. 1011. 5 ADJ-A1 NoSubs
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0.00 86. 1010. 5 ADJ-A1 NoSubs
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0.00 86. 1010. 7 ADJ-A1 NoSubs
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0.00 83. 1010. 10 ADJ-A1 NoSubs
18 11 21 325 8 -4.1 0.089 -9.000 -9.000 -999. 64. 15.6 0.0330 0.83 0.50 1.42 59.0 10.0 285.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
18 11 21 325 9 5.0 0.077 0.202 0.006 59. 51. -8.2 0.0330 0.83 0.29 0.87 39.0 10.0 287.0 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
18 11 21 325 10 16.4 0.122 0.386 0.006 126. 102. -10.0 0.0260 0.83 0.22 1.48 297.0 10.0 288.8 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
18 11 21 325 11 24.5 0.141 0.510 0.005 195. 127. -10.3 0.0340 0.83 0.20 1.62 137.0 10.0 290.4 2.0 0
0.00 72. 1011. 10 ADJ-A1 NoSubs
18 11 21 325 12 28.3 0.303 0.615 0.005 296. 400. -88.6 0.0230 0.83 0.19 4.37 186.0 10.0 290.9 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
18 11 21 325 13 27.4 0.283 0.654 0.005 367. 361. -74.3 0.0230 0.83 0.19 4.05 187.0 10.0 289.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
18 11 21 325 14 22.8 0.207 0.642 0.005 418. 228. -35.0 0.0290 0.83 0.20 2.73 266.0 10.0 289.2 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
18 11 21 325 15 14.1 0.236 0.559 0.005 443. 275. -83.6 0.0380 0.83 0.23 3.10 224.0 10.0 288.1 2.0 11
3.30 100. 1009. 10 ADJ-A1 NoSubs
18 11 21 325 16 2.8 0.162 0.325 0.005 447. 158. -138.8 0.0290 0.83 0.32 2.28 248.0 10.0 288.1 2.0 11
3.60 100. 1009. 10 ADJ-A1 NoSubs
18 11 21 325 17 -23.3 0.265 -9.000 -9.000 -999. 327. 77.2 0.0380 0.83 0.58 3.88 235.0 10.0 288.1 2.0
11 1.80 96. 1009. 10 ADJ-A1 NoSubs
18 11 21 325 18 -36.8 0.375 -9.000 -9.000 -999. 552. 155.0 0.0230 0.83 1.00 5.92 209.0 10.0 288.1 2.0
11 1.50 100. 1009. 10 ADJ-A1 NoSubs
18 11 21 325 19 -18.5 0.189 -9.000 -9.000 -999. 227. 39.1 0.0380 0.83 1.00 2.81 232.0 10.0 288.1 2.0
11 0.30 100. 1010. 10 ADJ-A1 NoSubs
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0.00 100. 1010. 10 ADJ-A1 NoSubs
18 11 21 325 21 -24.6 0.250 -9.000 -9.000 -999. 300. 68.9 0.0380 0.83 1.00 3.68 228.0 10.0 288.1 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
18 11 21 325 22 -25.8 0.263 -9.000 -9.000 -999. 324. 76.1 0.0380 0.83 1.00 3.86 227.0 10.0 288.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 11 21 325 23 -23.1 0.235 -9.000 -9.000 -999. 273. 60.6 0.0290 0.83 1.00 3.63 241.0 10.0 287.5 2.0 0
0.00 100. 1012. 3 ADJ-A1 NoSubs
18 11 21 325 24 -22.8 0.232 -9.000 -9.000 -999. 268. 59.1 0.0380 0.83 1.00 3.42 235.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 22 326 1 -23.5 0.238 -9.000 -9.000 -999. 279. 62.4 0.0380 0.83 1.00 3.51 230.0 10.0 287.0 2.0 0
0.00 100. 1011. 7 ADJ-A1 NoSubs
18 11 22 326 2 -26.0 0.264 -9.000 -9.000 -999. 326. 76.9 0.0380 0.83 1.00 3.88 239.0 10.0 287.5 2.0 0
0.00 100. 1012. 7 ADJ-A1 NoSubs
18 11 22 326 3 -23.5 0.238 -9.000 -9.000 -999. 279. 62.4 0.0290 0.83 1.00 3.68 245.0 10.0 287.0 2.0 0
0.00 100. 1012. 5 ADJ-A1 NoSubs
18 11 22 326 4 -26.2 0.266 -9.000 -9.000 -999. 329. 77.7 0.0290 0.83 1.00 4.09 255.0 10.0 287.0 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 22 326 5 -19.0 0.192 -9.000 -9.000 -999. 205. 40.8 0.0260 0.83 1.00 3.06 272.0 10.0 286.4 2.0 0
0.00 96. 1012. 3 ADJ-A1 NoSubs
18 11 22 326 6 -18.4 0.185 -9.000 -9.000 -999. 192. 37.8 0.0290 0.83 1.00 2.90 261.0 10.0 285.4 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 11 22 326 7 -4.6 0.087 -9.000 -9.000 -999. 67. 13.1 0.0260 0.83 1.00 1.45 289.0 10.0 284.2 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
18 11 22 326 8 -8.1 0.136 -9.000 -9.000 -999. 121. 28.4 0.0380 0.83 0.50 2.04 340.0 10.0 284.2 2.0 0
0.00 100. 1015. 3 ADJ-A1 NoSubs
18 11 22 326 9 34.1 0.121 0.591 0.005 219. 101. -4.7 0.0330 0.83 0.30 1.28 44.0 10.0 286.4 2.0 0
0.00 96. 1015. 5 ADJ-A1 NoSubs
18 11 22 326 10 74.7 0.140 1.027 0.005 526. 126. -3.3 0.0340 0.83 0.23 1.40 121.0 10.0 287.5 2.0 0
0.00 93. 1017. 5 ADJ-A1 NoSubs
18 11 22 326 11 102.9 0.309 1.300 0.005 776. 412. -26.0 0.0380 0.83 0.20 3.78 237.0 10.0 288.8 2.0 0
0.00 86. 1017. 5 ADJ-A1 NoSubs
18 11 22 326 12 116.2 0.364 1.461 0.005 975. 527. -37.6 0.0290 0.83 0.19 4.82 242.0 10.0 289.9 2.0 0
0.00 74. 1017. 0 ADJ-A1 NoSubs
18 11 22 326 13 114.5 0.336 1.531 0.005 1137. 469. -30.1 0.0290 0.83 0.19 4.39 240.0 10.0 289.9 2.0
0 0.00 69. 1017. 0 ADJ-A1 NoSubs
18 11 22 326 14 96.6 0.369 1.495 0.005 1255. 538. -47.1 0.0290 0.83 0.20 4.95 240.0 10.0 289.2 2.0 0
0.00 71. 1017. 0 ADJ-A1 NoSubs
18 11 22 326 15 63.7 0.359 1.326 0.005 1328. 516. -65.8 0.0290 0.83 0.24 4.90 248.0 10.0 289.2 2.0 0
0.00 74. 1017. 0 ADJ-A1 NoSubs
18 11 22 326 16 25.6 0.305 0.985 0.005 1355. 405. -100.5 0.0290 0.83 0.32 4.24 249.0 10.0 288.8 2.0
0 0.00 74. 1017. 5 ADJ-A1 NoSubs
18 11 22 326 17 -17.0 0.212 -9.000 -9.000 -999. 239. 50.9 0.0380 0.83 0.58 3.13 220.0 10.0 287.0 2.0 0
0.00 83. 1017. 5 ADJ-A1 NoSubs
18 11 22 326 18 -7.2 0.111 -9.000 -9.000 -999. 94. 17.3 0.0380 0.83 1.00 1.72 210.0 10.0 286.4 2.0 0
0.00 86. 1018. 7 ADJ-A1 NoSubs
18 11 22 326 19 -5.5 0.097 -9.000 -9.000 -999. 73. 15.0 0.0370 0.83 1.00 1.52 164.0 10.0 286.4 2.0 0
0.00 86. 1017. 10 ADJ-A1 NoSubs
18 11 22 326 20 -8.2 0.118 -9.000 -9.000 -999. 98. 18.4 0.0340 0.83 1.00 1.86 139.0 10.0 286.4 2.0 0
0.00 86. 1018. 10 ADJ-A1 NoSubs
18 11 22 326 21 -12.7 0.149 -9.000 -9.000 -999. 138. 24.4 0.0340 0.83 1.00 2.30 141.0 10.0 285.9 2.0 0
0.00 79. 1017. 10 ADJ-A1 NoSubs
18 11 22 326 22 -11.0 0.137 -9.000 -9.000 -999. 122. 21.4 0.0300 0.83 1.00 2.18 114.0 10.0 285.9 2.0 0
0.00 86. 1017. 10 ADJ-A1 NoSubs
18 11 22 326 23 -5.3 0.095 -9.000 -9.000 -999. 70. 14.7 0.0380 0.83 1.00 1.48 358.0 10.0 284.9 2.0 11

2.00 100. 1017. 10 ADJ-A1 NoSubs
18 11 22 326 24 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0330 0.83 1.00 1.70 41.0 10.0 284.9 2.0 11
4.60 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 1 -8.1 0.118 -9.000 -9.000 -999. 97. 18.2 0.0330 0.83 1.00 1.86 35.0 10.0 284.9 2.0 11
10.70 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 2 -13.2 0.152 -9.000 -9.000 -999. 142. 25.3 0.0330 0.83 1.00 2.35 51.0 10.0 284.9 2.0 11
9.40 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 3 -11.3 0.139 -9.000 -9.000 -999. 125. 21.6 0.0290 0.83 1.00 2.22 76.0 10.0 284.9 2.0 11
9.70 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 4 -3.0 0.072 -9.000 -9.000 -999. 48. 11.5 0.0290 0.83 1.00 1.13 81.0 10.0 284.9 2.0 11
4.60 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 5 -2.7 0.070 -9.000 -9.000 -999. 45. 11.6 0.0330 0.83 1.00 1.04 58.0 10.0 284.9 2.0 11
0.50 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 6 -4.3 0.085 -9.000 -9.000 -999. 60. 13.2 0.0340 0.83 1.00 1.35 144.0 10.0 284.9 2.0 11
0.30 100. 1016. 10 ADJ-A1 NoSubs
18 11 23 327 7 -2.5 0.069 -9.000 -9.000 -999. 43. 11.6 0.0340 0.83 1.00 0.99 143.0 10.0 284.9 2.0 11
0.30 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 8 -2.5 0.069 -9.000 -9.000 -999. 44. 12.0 0.0290 0.83 0.51 1.11 69.0 10.0 285.4 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 9 4.0 0.134 0.269 0.005 178. 118. -55.4 0.0290 0.83 0.30 1.82 80.0 10.0 285.4 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 10 15.0 0.093 0.468 0.007 249. 68. -4.8 0.0290 0.83 0.23 1.01 67.0 10.0 285.9 2.0 0
0.00 96. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 11 22.4 0.093 0.588 0.007 328. 68. -3.3 0.0370 0.83 0.20 0.91 151.0 10.0 285.9 2.0 11
1.50 100. 1017. 10 ADJ-A1 NoSubs
18 11 23 327 12 26.2 0.109 0.662 0.007 401. 87. -4.5 0.0290 0.83 0.19 1.18 83.0 10.0 286.4 2.0 11
1.50 100. 1016. 10 ADJ-A1 NoSubs
18 11 23 327 13 25.8 0.131 0.691 0.007 462. 114. -8.0 0.0310 0.83 0.19 1.50 25.0 10.0 286.4 2.0 11
2.00 100. 1015. 10 ADJ-A1 NoSubs
18 11 23 327 14 21.6 0.141 0.672 0.006 508. 127. -11.7 0.0330 0.83 0.20 1.65 50.0 10.0 287.0 2.0 11
0.30 100. 1014. 10 ADJ-A1 NoSubs
18 11 23 327 15 13.7 0.106 0.589 0.006 536. 83. -7.9 0.0330 0.83 0.24 1.20 311.0 10.0 288.1 2.0 11
0.30 100. 1014. 10 ADJ-A1 NoSubs
18 11 23 327 16 2.6 0.232 0.341 0.006 541. 268. -427.2 0.0290 0.83 0.32 3.34 249.0 10.0 288.8 2.0 11
0.30 100. 1014. 10 ADJ-A1 NoSubs
18 11 23 327 17 -26.0 0.292 -9.000 -9.000 -999. 378. 93.5 0.0290 0.83 0.59 4.46 248.0 10.0 288.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 11 23 327 18 -24.3 0.247 -9.000 -9.000 -999. 296. 67.3 0.0380 0.83 1.00 3.64 236.0 10.0 288.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 11 23 327 19 -23.9 0.244 -9.000 -9.000 -999. 288. 65.2 0.0290 0.83 1.00 3.76 240.0 10.0 288.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 11 23 327 20 -27.8 0.284 -9.000 -9.000 -999. 362. 88.5 0.0380 0.83 1.00 4.15 239.0 10.0 288.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
18 11 23 327 21 -26.3 0.268 -9.000 -9.000 -999. 333. 79.0 0.0380 0.83 1.00 3.93 237.0 10.0 288.8 2.0
11 0.50 100. 1013. 10 ADJ-A1 NoSubs
18 11 23 327 22 -28.6 0.291 -9.000 -9.000 -999. 377. 93.1 0.0290 0.83 1.00 4.46 242.0 10.0 288.8 2.0
11 0.30 100. 1013. 10 ADJ-A1 NoSubs
18 11 23 327 23 -30.9 0.314 -9.000 -9.000 -999. 422. 108.5 0.0290 0.83 1.00 4.80 250.0 10.0 288.1 2.0
11 0.80 100. 1013. 10 ADJ-A1 NoSubs
18 11 23 327 24 -30.9 0.315 -9.000 -9.000 -999. 425. 109.4 0.0290 0.83 1.00 4.82 257.0 10.0 288.8 2.0
0 0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 24 328 1 -26.2 0.267 -9.000 -9.000 -999. 331. 78.1 0.0290 0.83 1.00 4.10 268.0 10.0 288.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 24 328 2 -21.9 0.223 -9.000 -9.000 -999. 254. 54.8 0.0290 0.83 1.00 3.46 267.0 10.0 288.1 2.0 0

0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 24 328 3 -22.9 0.233 -9.000 -9.000 -999. 271. 59.9 0.0290 0.83 1.00 3.61 264.0 10.0 288.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 24 328 4 -21.2 0.216 -9.000 -9.000 -999. 241. 51.3 0.0290 0.83 1.00 3.35 254.0 10.0 288.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 11 24 328 5 -15.2 0.163 -9.000 -9.000 -999. 159. 29.3 0.0290 0.83 1.00 2.57 261.0 10.0 288.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 11 24 328 6 -13.9 0.155 -9.000 -9.000 -999. 147. 26.5 0.0260 0.83 1.00 2.50 285.0 10.0 288.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 11 24 328 7 -5.2 0.094 -9.000 -9.000 -999. 70. 14.4 0.0330 0.83 1.00 1.50 301.0 10.0 288.1 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 24 328 8 -4.4 0.091 -9.000 -9.000 -999. 66. 15.5 0.0260 0.83 0.52 1.52 293.0 10.0 287.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 24 328 9 4.7 0.089 0.235 0.005 98. 64. -13.4 0.0330 0.83 0.30 1.06 49.0 10.0 288.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 11 24 328 10 15.9 0.123 0.443 0.005 197. 104. -10.7 0.0370 0.83 0.23 1.40 154.0 10.0 289.9 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
18 11 24 328 11 86.1 0.165 1.013 0.005 436. 161. -4.7 0.0230 0.83 0.20 1.89 201.0 10.0 290.9 2.0 0
0.00 86. 1012. 7 ADJ-A1 NoSubs
18 11 24 328 12 27.5 0.242 0.720 0.005 488. 286. -46.6 0.0230 0.83 0.19 3.39 188.0 10.0 290.9 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
18 11 24 328 13 26.9 0.275 0.736 0.005 534. 345. -69.4 0.0290 0.83 0.19 3.76 250.0 10.0 290.4 2.0 0
0.00 90. 1011. 10 ADJ-A1 NoSubs
18 11 24 328 14 23.2 0.221 0.717 0.005 573. 251. -42.0 0.0290 0.83 0.21 2.95 254.0 10.0 292.0 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
18 11 24 328 15 14.3 0.218 0.618 0.005 592. 245. -65.3 0.0290 0.83 0.24 2.98 248.0 10.0 290.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
18 11 24 328 16 22.2 0.174 0.728 0.005 625. 175. -21.4 0.0340 0.83 0.33 2.15 133.0 10.0 290.9 2.0 0
0.00 80. 1010. 7 ADJ-A1 NoSubs
18 11 24 328 17 -19.5 0.236 -9.000 -9.000 -999. 275. 61.1 0.0300 0.83 0.59 3.61 100.0 10.0 289.2 2.0 0
0.00 86. 1010. 3 ADJ-A1 NoSubs
18 11 24 328 18 -14.4 0.159 -9.000 -9.000 -999. 154. 27.7 0.0300 0.83 1.00 2.49 115.0 10.0 287.5 2.0 0
0.00 93. 1010. 5 ADJ-A1 NoSubs
18 11 24 328 19 -7.2 0.110 -9.000 -9.000 -999. 88. 16.9 0.0290 0.83 1.00 1.79 81.0 10.0 287.0 2.0 0
0.00 92. 1011. 5 ADJ-A1 NoSubs
18 11 24 328 20 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.83 1.00 1.69 52.0 10.0 286.4 2.0 0
0.00 96. 1011. 7 ADJ-A1 NoSubs
18 11 24 328 21 -8.7 0.122 -9.000 -9.000 -999. 102. 18.7 0.0290 0.83 1.00 1.96 70.0 10.0 285.9 2.0 0
0.00 92. 1011. 7 ADJ-A1 NoSubs
18 11 24 328 22 -10.9 0.138 -9.000 -9.000 -999. 123. 21.6 0.0330 0.83 1.00 2.15 59.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
18 11 24 328 23 -7.2 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.83 1.00 1.76 55.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
18 11 24 328 24 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0290 0.83 1.00 1.37 76.0 10.0 285.9 2.0 0
0.00 92. 1012. 7 ADJ-A1 NoSubs
18 11 25 329 1 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.83 1.00 1.35 59.0 10.0 285.4 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 11 25 329 2 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.83 1.00 1.06 352.0 10.0 284.2 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 11 25 329 3 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.83 1.00 1.11 333.0 10.0 283.1 2.0 0
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18 11 25 329 4 -2.1 0.065 -9.000 -9.000 -999. 39. 11.7 0.0330 0.83 1.00 0.87 55.0 10.0 283.1 2.0 0
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0.00 92. 1013. 0 ADJ-A1 NoSubs
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0.00 56. 1012. 0 ADJ-A1 NoSubs
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0 0.00 62. 1013. 0 ADJ-A1 NoSubs
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0.00 74. 1013. 0 ADJ-A1 NoSubs
18 11 25 329 18 -4.3 0.086 -9.000 -9.000 -999. 63. 13.4 0.0380 0.83 1.00 1.33 341.0 10.0 287.0 2.0 0
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18 11 25 329 21 -13.3 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.83 1.00 2.36 325.0 10.0 284.2 2.0 0
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0.00 96. 1015. 0 ADJ-A1 NoSubs
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0.00 96. 1015. 0 ADJ-A1 NoSubs
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0.00 100. 1015. 0 ADJ-A1 NoSubs
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0.00 96. 1015. 0 ADJ-A1 NoSubs
18 11 26 330 3 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0310 0.83 1.00 1.35 11.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
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18 11 26 330 6 -6.4 0.103 -9.000 -9.000 -999. 80. 15.7 0.0330 0.83 1.00 1.65 315.0 10.0 279.2 2.0 0
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18 11 26 330 8 -2.7 0.072 -9.000 -9.000 -999. 47. 12.6 0.0310 0.83 0.53 1.16 26.0 10.0 282.5 2.0 0

0.00 89. 1016. 0 ADJ-A1 NoSubs
18 11 26 330 9 22.6 0.176 0.341 0.010 63. 178. -22.0 0.0290 0.83 0.31 2.25 86.0 10.0 284.9 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 11 26 330 10 67.0 0.166 0.700 0.010 185. 163. -6.2 0.0290 0.83 0.23 1.87 71.0 10.0 288.8 2.0 0
0.00 68. 1016. 0 ADJ-A1 NoSubs
18 11 26 330 11 98.1 0.133 0.898 0.007 267. 117. -2.2 0.0260 0.83 0.20 1.33 272.0 10.0 291.4 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
18 11 26 330 12 113.5 0.200 1.052 0.006 371. 215. -6.4 0.0340 0.83 0.20 2.18 121.0 10.0 293.1 2.0 0
0.00 52. 1015. 0 ADJ-A1 NoSubs
18 11 26 330 13 112.4 0.210 1.231 0.008 600. 231. -7.4 0.0340 0.83 0.20 2.33 129.0 10.0 293.8 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
18 11 26 330 14 95.3 0.192 1.230 0.008 706. 202. -6.7 0.0340 0.83 0.21 2.11 132.0 10.0 294.2 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
18 11 26 330 15 61.9 0.206 1.093 0.008 763. 224. -12.7 0.0290 0.83 0.24 2.50 258.0 10.0 292.0 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
18 11 26 330 16 16.8 0.196 0.713 0.008 778. 208. -40.3 0.0260 0.83 0.33 2.66 284.0 10.0 291.4 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
18 11 26 330 17 -14.8 0.169 -9.000 -9.000 -999. 166. 31.2 0.0260 0.83 0.60 2.69 273.0 10.0 289.2 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
18 11 26 330 18 -4.4 0.086 -9.000 -9.000 -999. 63. 13.2 0.0300 0.83 1.00 1.40 106.0 10.0 288.8 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
18 11 26 330 19 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0330 0.83 1.00 1.47 58.0 10.0 287.5 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 11 26 330 20 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0330 0.83 1.00 1.37 55.0 10.0 287.0 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
18 11 26 330 21 -8.7 0.123 -9.000 -9.000 -999. 103. 19.3 0.0380 0.83 1.00 1.89 334.0 10.0 287.0 2.0 0
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18 11 26 330 22 -6.1 0.102 -9.000 -9.000 -999. 78. 15.9 0.0380 0.83 1.00 1.59 349.0 10.0 285.9 2.0 0
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18 11 26 330 23 -3.3 0.077 -9.000 -9.000 -999. 51. 12.3 0.0380 0.83 1.00 1.16 336.0 10.0 285.4 2.0 0
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18 11 26 330 24 -9.6 0.129 -9.000 -9.000 -999. 112. 20.3 0.0380 0.83 1.00 1.98 341.0 10.0 284.9 2.0 0
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0.00 96. 1013. 0 ADJ-A1 NoSubs
18 11 27 331 8 -2.4 0.071 -9.000 -9.000 -999. 45. 13.4 0.0330 0.83 0.54 1.13 311.0 10.0 284.2 2.0 0
0.00 100. 1014. 7 ADJ-A1 NoSubs
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0.00 96. 1015. 10 ADJ-A1 NoSubs
18 11 27 331 10 58.9 0.170 0.762 0.011 271. 168. -7.5 0.0340 0.83 0.23 1.89 136.0 10.0 287.0 2.0 0
0.00 92. 1015. 7 ADJ-A1 NoSubs
18 11 27 331 11 21.9 0.184 0.560 0.011 290. 189. -25.7 0.0380 0.83 0.20 2.25 215.0 10.0 287.5 2.0 0

0.00 86. 1015. 10 ADJ-A1 NoSubs
18 11 27 331 12 111.7 0.231 1.074 0.010 401. 267. -10.0 0.0290 0.83 0.20 2.74 248.0 10.0 288.8 2.0 0
0.00 77. 1014. 5 ADJ-A1 NoSubs
18 11 27 331 13 93.6 0.152 1.118 0.010 539. 145. -3.4 0.0230 0.83 0.20 1.67 190.0 10.0 289.2 2.0 0
0.00 74. 1014. 7 ADJ-A1 NoSubs
18 11 27 331 14 80.2 0.181 1.092 0.009 587. 184. -6.6 0.0230 0.83 0.21 2.15 209.0 10.0 289.2 2.0 0
0.00 77. 1013. 7 ADJ-A1 NoSubs
18 11 27 331 15 13.4 0.135 0.605 0.009 594. 119. -16.5 0.0380 0.83 0.24 1.59 211.0 10.0 289.2 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
18 11 27 331 16 2.3 0.109 0.335 0.009 596. 87. -52.0 0.0230 0.83 0.33 1.54 209.0 10.0 289.2 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
18 11 27 331 17 -4.1 0.086 -9.000 -9.000 -999. 60. 13.9 0.0380 0.83 0.60 1.33 225.0 10.0 288.1 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
18 11 27 331 18 -1.7 0.061 -9.000 -9.000 -999. 36. 12.4 0.0330 0.83 1.00 0.75 309.0 10.0 288.8 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
18 11 27 331 19 -6.1 0.103 -9.000 -9.000 -999. 79. 16.0 0.0380 0.83 1.00 1.60 334.0 10.0 287.5 2.0 11
0.50 96. 1012. 10 ADJ-A1 NoSubs
18 11 27 331 20 -4.3 0.085 -9.000 -9.000 -999. 60. 13.1 0.0310 0.83 1.00 1.37 9.0 10.0 287.0 2.0 11
0.50 100. 1011. 10 ADJ-A1 NoSubs
18 11 27 331 21 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0310 0.83 1.00 1.20 12.0 10.0 287.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
18 11 27 331 22 -5.8 0.099 -9.000 -9.000 -999. 75. 15.2 0.0310 0.83 1.00 1.60 3.0 10.0 287.0 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 11 27 331 23 -7.3 0.112 -9.000 -9.000 -999. 90. 17.6 0.0380 0.83 1.00 1.74 339.0 10.0 287.0 2.0 11
0.30 100. 1010. 10 ADJ-A1 NoSubs
18 11 27 331 24 -5.9 0.100 -9.000 -9.000 -999. 76. 15.4 0.0310 0.83 1.00 1.62 9.0 10.0 287.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
18 11 28 332 1 -3.0 0.073 -9.000 -9.000 -999. 48. 11.7 0.0310 0.83 1.00 1.14 22.0 10.0 287.5 2.0 11
0.50 100. 1009. 10 ADJ-A1 NoSubs
18 11 28 332 2 -4.8 0.091 -9.000 -9.000 -999. 65. 13.8 0.0290 0.83 1.00 1.48 67.0 10.0 287.0 2.0 11
0.80 100. 1009. 10 ADJ-A1 NoSubs
18 11 28 332 3 -8.5 0.121 -9.000 -9.000 -999. 101. 18.7 0.0300 0.83 1.00 1.94 96.0 10.0 287.0 2.0 11
0.80 100. 1009. 10 ADJ-A1 NoSubs
18 11 28 332 4 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0300 0.83 1.00 1.72 96.0 10.0 287.0 2.0 11
1.50 100. 1008. 10 ADJ-A1 NoSubs
18 11 28 332 5 -2.7 0.069 -9.000 -9.000 -999. 44. 11.3 0.0290 0.83 1.00 1.06 77.0 10.0 287.0 2.0 11
0.80 100. 1007. 10 ADJ-A1 NoSubs
18 11 28 332 6 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0290 0.83 1.00 1.64 60.0 10.0 287.0 2.0 11
1.50 100. 1006. 10 ADJ-A1 NoSubs
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1.50 100. 1007. 10 ADJ-A1 NoSubs
18 11 28 332 8 -10.0 0.139 -9.000 -9.000 -999. 124. 23.9 0.0370 0.83 0.54 2.11 176.0 10.0 286.4 2.0 11
0.80 100. 1006. 10 ADJ-A1 NoSubs
18 11 28 332 9 3.1 0.188 0.178 0.005 64. 195. -189.6 0.0380 0.83 0.31 2.54 223.0 10.0 287.0 2.0 11
1.30 100. 1007. 10 ADJ-A1 NoSubs
18 11 28 332 10 13.9 0.322 0.377 0.005 138. 439. -215.9 0.0380 0.83 0.23 4.37 239.0 10.0 287.0 2.0
11 0.80 100. 1007. 10 ADJ-A1 NoSubs
18 11 28 332 11 21.6 0.258 0.513 0.005 224. 317. -71.6 0.0380 0.83 0.21 3.37 230.0 10.0 287.5 2.0 11
0.20 96. 1007. 10 ADJ-A1 NoSubs
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0.00 92. 1006. 10 ADJ-A1 NoSubs
18 11 28 332 13 92.8 0.331 1.170 0.005 620. 456. -34.9 0.0290 0.83 0.20 4.36 245.0 10.0 288.8 2.0 0
0.00 92. 1005. 7 ADJ-A1 NoSubs
18 11 28 332 14 21.2 0.342 0.762 0.006 749. 480. -169.4 0.0380 0.83 0.21 4.61 227.0 10.0 288.8 2.0 0

0.00 92. 1005. 10 ADJ-A1 NoSubs
18 11 28 332 15 12.7 0.237 0.647 0.006 765. 283. -93.9 0.0380 0.83 0.24 3.13 219.0 10.0 287.5 2.0 11
1.00 96. 1004. 10 ADJ-A1 NoSubs
18 11 28 332 16 1.4 0.170 0.313 0.006 765. 170. -309.4 0.0230 0.83 0.33 2.54 194.0 10.0 287.0 2.0 11
0.50 100. 1004. 10 ADJ-A1 NoSubs
18 11 28 332 17 -3.9 0.084 -9.000 -9.000 -999. 62. 13.4 0.0340 0.83 0.60 1.33 138.0 10.0 287.0 2.0 11
0.30 100. 1003. 10 ADJ-A1 NoSubs
18 11 28 332 18 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0310 0.83 1.00 1.50 21.0 10.0 287.0 2.0 0
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18 11 28 332 19 -4.9 0.092 -9.000 -9.000 -999. 67. 14.0 0.0310 0.83 1.00 1.48 11.0 10.0 287.0 2.0 0
0.00 100. 1002. 10 ADJ-A1 NoSubs
18 11 28 332 20 -4.5 0.088 -9.000 -9.000 -999. 63. 13.4 0.0300 0.83 1.00 1.43 109.0 10.0 287.0 2.0 11
0.80 100. 1001. 10 ADJ-A1 NoSubs
18 11 28 332 21 -16.4 0.171 -9.000 -9.000 -999. 170. 32.1 0.0300 0.83 1.00 2.67 99.0 10.0 287.0 2.0 11
2.50 100. 1000. 10 ADJ-A1 NoSubs
18 11 28 332 22 -27.8 0.285 -9.000 -9.000 -999. 366. 89.6 0.0340 0.83 1.00 4.26 121.0 10.0 287.0 2.0
11 0.80 96. 999. 10 ADJ-A1 NoSubs
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11 0.80 96. 998. 10 ADJ-A1 NoSubs
18 11 28 332 24 -33.6 0.346 -9.000 -9.000 -999. 489. 131.8 0.0370 0.83 1.00 5.05 163.0 10.0 287.0 2.0
11 6.40 96. 997. 10 ADJ-A1 NoSubs
18 11 29 333 1 -37.1 0.382 -9.000 -9.000 -999. 566. 160.5 0.0370 0.83 1.00 5.55 171.0 10.0 287.0 2.0
11 6.40 100. 996. 10 ADJ-A1 NoSubs
18 11 29 333 2 -39.3 0.405 -9.000 -9.000 -999. 618. 180.3 0.0380 0.83 1.00 5.84 234.0 10.0 287.5 2.0
11 1.00 96. 996. 10 ADJ-A1 NoSubs
18 11 29 333 3 -40.9 0.423 -9.000 -9.000 -999. 660. 196.8 0.0380 0.83 1.00 6.09 230.0 10.0 288.1 2.0 0
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11 0.50 80. 996. 10 ADJ-A1 NoSubs
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0 0.00 83. 996. 10 ADJ-A1 NoSubs
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0 0.00 80. 996. 10 ADJ-A1 NoSubs
18 11 29 333 9 2.4 0.607 0.130 0.005 33. 1135. -8322.4 0.0230 0.83 0.32 9.22 194.0 10.0 285.4 2.0 11
3.00 92. 996. 10 ADJ-A1 NoSubs
18 11 29 333 10 13.8 0.695 0.379 0.005 139. 1389. -2161.3 0.0380 0.83 0.23 9.66 212.0 10.0 287.5 2.0
11 0.80 83. 996. 10 ADJ-A1 NoSubs
18 11 29 333 11 21.4 0.727 0.669 0.005 497. 1486. -1595.6 0.0380 0.83 0.21 10.09 216.0 10.0 287.5 2.0
0 0.00 86. 995. 10 ADJ-A1 NoSubs
18 11 29 333 12 25.1 0.590 0.786 0.005 686. 1111. -725.7 0.0380 0.83 0.20 8.15 223.0 10.0 287.5 2.0
11 0.30 93. 994. 10 ADJ-A1 NoSubs
18 11 29 333 13 91.3 0.564 1.286 0.005 826. 1020. -174.5 0.0290 0.83 0.20 7.99 252.0 10.0 285.9 2.0
11 2.50 92. 994. 7 ADJ-A1 NoSubs
18 11 29 333 14 20.1 0.376 0.783 0.005 847. 586. -234.0 0.0290 0.83 0.21 5.36 265.0 10.0 285.9 2.0
11 3.00 96. 994. 10 ADJ-A1 NoSubs
18 11 29 333 15 58.2 0.286 1.141 0.005 906. 373. -35.6 0.0260 0.83 0.24 3.85 271.0 10.0 287.0 2.0 0
0.00 89. 995. 0 ADJ-A1 NoSubs
18 11 29 333 16 19.0 0.292 0.790 0.005 924. 379. -117.0 0.0290 0.83 0.33 4.09 268.0 10.0 287.0 2.0
11 0.30 83. 996. 7 ADJ-A1 NoSubs
18 11 29 333 17 -11.0 0.144 -9.000 -9.000 -999. 147. 24.1 0.0260 0.83 0.61 2.32 288.0 10.0 285.4 2.0

11 0.30 92. 997. 7 ADJ-A1 NoSubs
18 11 29 333 18 -9.2 0.126 -9.000 -9.000 -999. 108. 19.4 0.0290 0.83 1.00 2.03 269.0 10.0 284.9 2.0 0
0.00 96. 999. 7 ADJ-A1 NoSubs
18 11 29 333 19 -6.3 0.104 -9.000 -9.000 -999. 80. 15.7 0.0290 0.83 1.00 1.69 260.0 10.0 284.9 2.0 0
0.00 96. 999. 7 ADJ-A1 NoSubs
18 11 29 333 20 -3.5 0.077 -9.000 -9.000 -999. 51. 11.8 0.0260 0.83 1.00 1.26 270.0 10.0 284.2 2.0 0
0.00 100. 1000. 7 ADJ-A1 NoSubs
18 11 29 333 21 -8.4 0.120 -9.000 -9.000 -999. 100. 18.4 0.0290 0.83 1.00 1.94 251.0 10.0 284.9 2.0 0
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18 11 29 333 22 -18.6 0.188 -9.000 -9.000 -999. 196. 39.1 0.0260 0.83 1.00 3.00 282.0 10.0 284.2 2.0 0
0.00 92. 1003. 0 ADJ-A1 NoSubs
18 11 29 333 23 -19.1 0.194 -9.000 -9.000 -999. 205. 41.3 0.0260 0.83 1.00 3.08 270.0 10.0 284.9 2.0 0
0.00 85. 1003. 7 ADJ-A1 NoSubs
18 11 29 333 24 -17.9 0.181 -9.000 -9.000 -999. 185. 36.2 0.0290 0.83 1.00 2.84 255.0 10.0 285.4 2.0 0
0.00 82. 1005. 10 ADJ-A1 NoSubs
18 11 30 334 1 -12.6 0.148 -9.000 -9.000 -999. 137. 24.1 0.0290 0.83 1.00 2.35 245.0 10.0 283.8 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
18 11 30 334 2 -16.1 0.168 -9.000 -9.000 -999. 165. 31.0 0.0290 0.83 1.00 2.64 259.0 10.0 283.8 2.0 0
0.00 85. 1006. 5 ADJ-A1 NoSubs
18 11 30 334 3 -10.0 0.131 -9.000 -9.000 -999. 114. 20.1 0.0290 0.83 1.00 2.10 256.0 10.0 282.5 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 11 30 334 4 -7.2 0.110 -9.000 -9.000 -999. 88. 16.5 0.0260 0.83 1.00 1.82 283.0 10.0 282.0 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
18 11 30 334 5 -11.4 0.141 -9.000 -9.000 -999. 127. 22.2 0.0380 0.83 1.00 2.15 348.0 10.0 280.9 2.0 0
0.00 100. 1008. 0 ADJ-A1 NoSubs
18 11 30 334 6 -10.7 0.136 -9.000 -9.000 -999. 121. 21.3 0.0380 0.83 1.00 2.08 337.0 10.0 280.4 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
18 11 30 334 7 -9.1 0.126 -9.000 -9.000 -999. 107. 19.5 0.0380 0.83 1.00 1.93 330.0 10.0 279.9 2.0 0
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0.00 92. 1010. 0 ADJ-A1 NoSubs
18 11 30 334 9 18.3 0.145 0.562 0.005 349. 132. -15.0 0.0370 0.83 0.32 1.70 153.0 10.0 283.8 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
18 11 30 334 10 62.3 0.158 1.094 0.009 758. 151. -5.8 0.0370 0.83 0.24 1.67 152.0 10.0 287.0 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
18 11 30 334 11 93.0 0.223 1.345 0.009 945. 253. -10.8 0.0330 0.83 0.21 2.59 300.0 10.0 288.1 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
18 11 30 334 12 108.3 0.239 1.445 0.009 1006. 280. -11.3 0.0330 0.83 0.20 2.79 325.0 10.0 289.2 2.0
0 0.00 49. 1012. 0 ADJ-A1 NoSubs
18 11 30 334 13 107.6 0.372 1.466 0.009 1058. 545. -43.2 0.0330 0.83 0.20 4.85 305.0 10.0 289.9 2.0
0 0.00 47. 1011. 0 ADJ-A1 NoSubs
18 11 30 334 14 90.7 0.337 1.394 0.008 1078. 471. -38.1 0.0260 0.83 0.21 4.56 296.0 10.0 289.9 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
18 11 30 334 15 63.2 0.333 1.241 0.008 1092. 460. -52.5 0.0260 0.83 0.24 4.58 299.0 10.0 289.9 2.0 0
0.00 45. 1012. 5 ADJ-A1 NoSubs
18 11 30 334 16 21.8 0.269 0.871 0.008 1096. 338. -81.2 0.0330 0.83 0.33 3.63 304.0 10.0 288.8 2.0 0
0.00 55. 1012. 5 ADJ-A1 NoSubs
18 11 30 334 17 -17.7 0.196 -9.000 -9.000 -999. 210. 42.1 0.0260 0.83 0.61 3.10 285.0 10.0 285.9 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
18 11 30 334 18 -16.6 0.169 -9.000 -9.000 -999. 167. 31.5 0.0260 0.83 1.00 2.71 296.0 10.0 284.9 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
18 11 30 334 19 -14.4 0.159 -9.000 -9.000 -999. 152. 27.6 0.0330 0.83 1.00 2.45 313.0 10.0 283.8 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
18 11 30 334 20 -10.9 0.138 -9.000 -9.000 -999. 123. 21.7 0.0380 0.83 1.00 2.10 330.0 10.0 282.5 2.0 0

0.00 86. 1014. 0 ADJ-A1 NoSubs
18 11 30 334 21 -11.3 0.140 -9.000 -9.000 -999. 126. 22.0 0.0380 0.83 1.00 2.13 337.0 10.0 280.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 11 30 334 22 -10.2 0.133 -9.000 -9.000 -999. 116. 20.7 0.0380 0.83 1.00 2.03 333.0 10.0 280.4 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 11 30 334 23 -7.4 0.112 -9.000 -9.000 -999. 90. 17.3 0.0380 0.83 1.00 1.74 340.0 10.0 279.2 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 11 30 334 24 -10.4 0.134 -9.000 -9.000 -999. 118. 20.9 0.0380 0.83 1.00 2.05 335.0 10.0 279.2 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 12 1 335 1 -13.6 0.152 -9.000 -9.000 -999. 142. 25.4 0.0270 0.83 1.00 2.44 331.0 10.0 278.8 2.0 0
0.00 91. 1014. 0 ADJ-A1 NoSubs
18 12 1 335 2 -12.6 0.146 -9.000 -9.000 -999. 134. 23.4 0.0270 0.83 1.00 2.35 333.0 10.0 278.8 2.0 0
0.00 91. 1014. 0 ADJ-A1 NoSubs
18 12 1 335 3 -11.3 0.138 -9.000 -9.000 -999. 123. 21.0 0.0270 0.83 1.00 2.23 337.0 10.0 278.8 2.0 0
0.00 91. 1014. 5 ADJ-A1 NoSubs
18 12 1 335 4 -6.3 0.102 -9.000 -9.000 -999. 79. 15.3 0.0270 0.83 1.00 1.69 335.0 10.0 279.2 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
18 12 1 335 5 -4.7 0.088 -9.000 -9.000 -999. 62. 13.1 0.0270 0.83 1.00 1.45 352.0 10.0 279.2 2.0 11
0.30 96. 1013. 10 ADJ-A1 NoSubs
18 12 1 335 6 -6.0 0.100 -9.000 -9.000 -999. 76. 14.9 0.0270 0.83 1.00 1.65 339.0 10.0 280.4 2.0 11
0.30 100. 1013. 10 ADJ-A1 NoSubs
18 12 1 335 7 -5.6 0.097 -9.000 -9.000 -999. 72. 14.5 0.0270 0.83 1.00 1.60 353.0 10.0 280.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 12 1 335 8 -5.4 0.097 -9.000 -9.000 -999. 72. 15.3 0.0270 0.83 0.56 1.60 350.0 10.0 281.4 2.0 11
0.80 100. 1012. 10 ADJ-A1 NoSubs
18 12 1 335 9 1.1 0.089 0.093 0.005 26. 64. -58.6 0.0270 0.83 0.32 1.23 357.0 10.0 282.0 2.0 11
2.30 100. 1012. 10 ADJ-A1 NoSubs
18 12 1 335 10 12.3 0.129 0.309 0.005 86. 111. -15.7 0.0230 0.83 0.24 1.67 26.0 10.0 283.8 2.0 11
1.00 96. 1012. 10 ADJ-A1 NoSubs
18 12 1 335 11 20.1 0.122 0.424 0.005 137. 103. -8.2 0.0240 0.83 0.21 1.48 30.0 10.0 284.9 2.0 11
0.30 96. 1011. 10 ADJ-A1 NoSubs
18 12 1 335 12 24.0 0.198 0.542 0.005 238. 211. -29.0 0.0230 0.83 0.20 2.69 302.0 10.0 285.4 2.0 11
0.80 82. 1011. 10 ADJ-A1 NoSubs
18 12 1 335 13 90.3 0.278 1.122 0.005 564. 351. -21.3 0.0180 0.83 0.20 3.86 263.0 10.0 286.4 2.0 11
0.30 77. 1010. 7 ADJ-SFC NoSubs
18 12 1 335 14 89.1 0.257 1.252 0.005 794. 312. -17.1 0.0228 0.83 0.21 3.36 999.0 10.0 287.0 2.0 0
0.00 74. 1010. 0 ADJ-SFC NoSubs
18 12 1 335 15 57.2 0.300 1.124 0.005 894. 394. -42.5 0.0180 0.83 0.24 4.36 266.0 10.0 287.0 2.0 0
0.00 61. 1009. 0 ADJ-SFC NoSubs
18 12 1 335 16 18.8 0.258 0.785 0.005 923. 314. -81.6 0.0180 0.83 0.34 3.86 290.0 10.0 285.9 2.0 0
0.00 66. 1009. 3 ADJ-SFC NoSubs
18 12 1 335 17 -15.4 0.169 -9.000 -9.000 -999. 169. 31.3 0.0180 0.83 0.61 2.86 292.0 10.0 284.2 2.0 0
0.00 74. 1009. 0 ADJ-SFC NoSubs
18 12 1 335 18 -11.3 0.137 -9.000 -9.000 -999. 122. 20.6 0.0180 0.83 1.00 2.36 279.0 10.0 283.1 2.0 0
0.00 79. 1010. 0 ADJ-SFC NoSubs
18 12 1 335 19 -11.3 0.137 -9.000 -9.000 -999. 121. 20.6 0.0180 0.83 1.00 2.36 282.0 10.0 282.5 2.0 0
0.00 83. 1010. 0 ADJ-SFC NoSubs
18 12 1 335 20 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 314.0 10.0 280.4 2.0 0
0.00 96. 1010. 0 ADJ-SFC NoSubs
18 12 1 335 21 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.83 1.00 1.76 344.0 10.0 279.2 2.0 0
0.00 100. 1011. 0 ADJ-SFC NoSubs
18 12 1 335 22 -12.9 0.147 -9.000 -9.000 -999. 135. 23.8 0.0230 0.83 1.00 2.43 328.0 10.0 279.2 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 12 1 335 23 -15.4 0.162 -9.000 -9.000 -999. 157. 28.9 0.0270 0.83 1.00 2.59 351.0 10.0 278.1 2.0 0

0.00 100. 1012. 0 ADJ-A1 NoSubs
18 12 1 335 24 -8.0 0.115 -9.000 -9.000 -999. 93. 17.0 0.0230 0.83 1.00 1.93 313.0 10.0 277.0 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 12 2 336 1 -5.9 0.098 -9.000 -9.000 -999. 73. 14.4 0.0240 0.83 1.00 1.65 37.0 10.0 277.0 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 12 2 336 2 -9.3 0.124 -9.000 -9.000 -999. 105. 18.8 0.0270 0.83 1.00 2.03 341.0 10.0 277.0 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 12 2 336 3 -7.0 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.83 1.00 1.77 347.0 10.0 276.4 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 12 2 336 4 -12.4 0.145 -9.000 -9.000 -999. 132. 23.0 0.0270 0.83 1.00 2.33 334.0 10.0 276.4 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 12 2 336 5 -16.1 0.165 -9.000 -9.000 -999. 162. 30.1 0.0270 0.83 1.00 2.64 333.0 10.0 276.4 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 12 2 336 6 -13.2 0.149 -9.000 -9.000 -999. 139. 24.5 0.0270 0.83 1.00 2.40 334.0 10.0 276.4 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
18 12 2 336 7 -12.9 0.147 -9.000 -9.000 -999. 136. 23.9 0.0270 0.83 1.00 2.37 334.0 10.0 276.4 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 12 2 336 8 -7.4 0.115 -9.000 -9.000 -999. 94. 18.7 0.0270 0.83 0.57 1.88 335.0 10.0 278.8 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
18 12 2 336 9 15.7 0.106 0.411 0.005 160. 83. -6.9 0.0240 0.83 0.32 1.26 36.0 10.0 280.4 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
18 12 2 336 10 59.3 0.125 0.901 0.006 446. 105. -2.9 0.0280 0.83 0.24 1.28 132.0 10.0 283.1 2.0 0
0.00 76. 1015. 0 ADJ-A1 NoSubs
18 12 2 336 11 90.2 0.157 1.184 0.006 667. 149. -3.9 0.0280 0.83 0.21 1.67 125.0 10.0 284.9 2.0 0
0.00 68. 1015. 0 ADJ-A1 NoSubs
18 12 2 336 12 105.7 0.163 1.293 0.005 741. 158. -3.7 0.0310 0.83 0.20 1.69 171.0 10.0 285.9 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
18 12 2 336 13 105.0 0.174 1.326 0.005 803. 174. -4.5 0.0280 0.83 0.20 1.89 143.0 10.0 286.4 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
18 12 2 336 14 88.4 0.232 1.274 0.005 847. 268. -12.7 0.0210 0.83 0.21 3.00 211.0 10.0 286.4 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
18 12 2 336 15 56.4 0.251 1.108 0.005 873. 302. -25.5 0.0180 0.83 0.24 3.54 254.0 10.0 285.9 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
18 12 2 336 16 12.3 0.188 0.669 0.005 878. 198. -49.1 0.0180 0.83 0.34 2.76 260.0 10.0 285.4 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
18 12 2 336 17 -4.9 0.090 -9.000 -9.000 -999. 70. 13.8 0.0180 0.83 0.61 1.60 261.0 10.0 284.9 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
18 12 2 336 18 -2.3 0.066 -9.000 -9.000 -999. 41. 11.2 0.0270 0.83 1.00 0.97 358.0 10.0 283.1 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
18 12 2 336 19 -6.2 0.101 -9.000 -9.000 -999. 77. 15.2 0.0270 0.83 1.00 1.67 339.0 10.0 282.0 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 12 2 336 20 -5.6 0.096 -9.000 -9.000 -999. 71. 14.4 0.0270 0.83 1.00 1.59 351.0 10.0 281.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 12 2 336 21 -7.8 0.114 -9.000 -9.000 -999. 92. 17.2 0.0270 0.83 1.00 1.87 337.0 10.0 280.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 12 2 336 22 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.83 1.00 1.47 2.0 10.0 280.4 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 12 2 336 23 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0270 0.83 1.00 1.81 347.0 10.0 279.9 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 12 2 336 24 -5.6 0.096 -9.000 -9.000 -999. 71. 14.4 0.0270 0.83 1.00 1.59 350.0 10.0 280.4 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 1 -8.3 0.118 -9.000 -9.000 -999. 97. 17.8 0.0270 0.83 1.00 1.93 332.0 10.0 279.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 2 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.83 1.00 1.76 349.0 10.0 279.9 2.0 0

0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 3 -4.7 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.83 1.00 1.48 3.0 10.0 280.4 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 4 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.83 1.00 1.30 343.0 10.0 279.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 5 -5.7 0.096 -9.000 -9.000 -999. 72. 14.2 0.0230 0.83 1.00 1.64 5.0 10.0 279.9 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
18 12 3 337 6 -6.2 0.101 -9.000 -9.000 -999. 77. 15.1 0.0270 0.83 1.00 1.67 332.0 10.0 280.4 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 7 -4.1 0.082 -9.000 -9.000 -999. 57. 12.4 0.0270 0.83 1.00 1.35 348.0 10.0 278.8 2.0 0
0.00 91. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 8 -3.9 0.083 -9.000 -9.000 -999. 57. 13.3 0.0270 0.83 0.58 1.37 343.0 10.0 280.4 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 9 15.2 0.142 0.422 0.005 178. 128. -17.0 0.0240 0.83 0.33 1.84 59.0 10.0 282.5 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 10 58.9 0.168 0.799 0.005 314. 165. -7.3 0.0280 0.83 0.24 1.94 121.0 10.0 285.4 2.0 0
0.00 63. 1017. 0 ADJ-A1 NoSubs
18 12 3 337 11 89.8 0.215 1.048 0.005 465. 239. -10.0 0.0230 0.83 0.21 2.67 100.0 10.0 286.4 2.0 0
0.00 54. 1016. 0 ADJ-A1 NoSubs
18 12 3 337 12 105.4 0.189 1.290 0.007 738. 197. -5.8 0.0230 0.83 0.20 2.21 105.0 10.0 287.5 2.0 0
0.00 45. 1015. 0 ADJ-A1 NoSubs
18 12 3 337 13 105.1 0.144 1.374 0.007 893. 132. -2.6 0.0310 0.83 0.20 1.42 179.0 10.0 288.8 2.0 0
0.00 38. 1014. 0 ADJ-A1 NoSubs
18 12 3 337 14 88.5 0.168 1.328 0.007 956. 166. -4.9 0.0310 0.83 0.21 1.81 158.0 10.0 288.8 2.0 0
0.00 40. 1014. 0 ADJ-A1 NoSubs
18 12 3 337 15 56.6 0.182 1.152 0.007 976. 187. -9.7 0.0200 0.83 0.24 2.32 76.0 10.0 288.1 2.0 0
0.00 47. 1013. 0 ADJ-A1 NoSubs
18 12 3 337 16 12.7 0.167 0.701 0.007 980. 165. -33.5 0.0230 0.83 0.34 2.30 93.0 10.0 287.5 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
18 12 3 337 17 -22.8 0.249 -9.000 -9.000 -999. 297. 67.9 0.0230 0.83 0.61 3.98 117.0 10.0 285.4 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
18 12 3 337 18 -10.8 0.134 -9.000 -9.000 -999. 125. 20.2 0.0200 0.83 1.00 2.28 85.0 10.0 284.9 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
18 12 3 337 19 -12.4 0.144 -9.000 -9.000 -999. 132. 22.9 0.0200 0.83 1.00 2.44 82.0 10.0 284.9 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
18 12 3 337 20 -4.5 0.086 -9.000 -9.000 -999. 61. 12.9 0.0240 0.83 1.00 1.45 36.0 10.0 284.9 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
18 12 3 337 21 -3.7 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.83 1.00 1.31 22.0 10.0 283.8 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
18 12 3 337 22 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0230 0.83 1.00 1.42 23.0 10.0 283.8 2.0 0
0.00 76. 1012. 7 ADJ-A1 NoSubs
18 12 3 337 23 -9.8 0.128 -9.000 -9.000 -999. 110. 19.1 0.0200 0.83 1.00 2.18 68.0 10.0 283.8 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
18 12 3 337 24 -18.6 0.188 -9.000 -9.000 -999. 195. 38.8 0.0200 0.83 1.00 3.12 86.0 10.0 285.4 2.0 0
0.00 61. 1011. 10 ADJ-A1 NoSubs
18 12 4 338 1 -16.2 0.168 -9.000 -9.000 -999. 166. 31.2 0.0310 0.83 1.00 2.62 170.0 10.0 283.8 2.0 0
0.00 73. 1011. 10 ADJ-A1 NoSubs
18 12 4 338 2 -5.0 0.090 -9.000 -9.000 -999. 67. 13.1 0.0180 0.83 1.00 1.59 266.0 10.0 283.8 2.0 0
0.00 73. 1011. 10 ADJ-A1 NoSubs
18 12 4 338 3 -5.5 0.096 -9.000 -9.000 -999. 71. 14.4 0.0270 0.83 1.00 1.59 347.0 10.0 282.0 2.0 0
0.00 85. 1011. 5 ADJ-A1 NoSubs
18 12 4 338 4 -9.4 0.126 -9.000 -9.000 -999. 107. 18.9 0.0230 0.83 1.00 2.10 307.0 10.0 282.5 2.0 0
0.00 76. 1010. 3 ADJ-A1 NoSubs
18 12 4 338 5 -11.1 0.137 -9.000 -9.000 -999. 122. 21.1 0.0270 0.83 1.00 2.22 351.0 10.0 282.5 2.0 0

0.00 76. 1010. 7 ADJ-A1 NoSubs
18 12 4 338 6 -7.7 0.113 -9.000 -9.000 -999. 92. 16.9 0.0230 0.83 1.00 1.91 323.0 10.0 282.0 2.0 0
0.00 79. 1009. 7 ADJ-A1 NoSubs
18 12 4 338 7 -6.7 0.106 -9.000 -9.000 -999. 82. 15.8 0.0270 0.83 1.00 1.74 354.0 10.0 281.4 2.0 0
0.00 85. 1010. 3 ADJ-A1 NoSubs
18 12 4 338 8 -10.6 0.138 -9.000 -9.000 -999. 123. 22.4 0.0230 0.83 0.58 2.28 313.0 10.0 283.1 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
18 12 4 338 9 14.5 0.142 0.420 0.007 184. 129. -17.9 0.0270 0.83 0.33 1.81 346.0 10.0 283.1 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
18 12 4 338 10 53.0 0.147 0.765 0.008 305. 135. -5.4 0.0230 0.83 0.24 1.71 326.0 10.0 284.9 2.0 0
0.00 68. 1010. 7 ADJ-A1 NoSubs
18 12 4 338 11 19.8 0.132 0.572 0.008 339. 115. -10.5 0.0270 0.83 0.21 1.60 351.0 10.0 285.9 2.0 0
0.00 63. 1010. 10 ADJ-A1 NoSubs
18 12 4 338 12 23.8 0.087 0.617 0.007 356. 62. -2.5 0.0230 0.83 0.20 0.92 325.0 10.0 286.4 2.0 0
0.00 61. 1009. 10 ADJ-A1 NoSubs
18 12 4 338 13 23.8 0.129 0.627 0.007 371. 111. -8.1 0.0270 0.83 0.20 1.52 352.0 10.0 287.0 2.0 0
0.00 59. 1008. 10 ADJ-A1 NoSubs
18 12 4 338 14 19.7 0.107 0.595 0.007 383. 84. -5.6 0.0210 0.83 0.21 1.28 212.0 10.0 287.0 2.0 0
0.00 63. 1008. 10 ADJ-A1 NoSubs
18 12 4 338 15 11.5 0.106 0.500 0.007 390. 83. -9.4 0.0200 0.83 0.24 1.35 88.0 10.0 285.9 2.0 0
0.00 71. 1008. 10 ADJ-A1 NoSubs
18 12 4 338 16 0.6 0.089 0.185 0.007 390. 64. -109.3 0.0270 0.83 0.34 1.26 356.0 10.0 285.9 2.0 0
0.00 68. 1007. 10 ADJ-A1 NoSubs
18 12 4 338 17 -10.0 0.132 -9.000 -9.000 -999. 115. 20.7 0.0240 0.83 0.61 2.18 50.0 10.0 284.9 2.0 11
0.30 76. 1007. 10 ADJ-A1 NoSubs
18 12 4 338 18 -19.3 0.194 -9.000 -9.000 -999. 206. 41.6 0.0240 0.83 1.00 3.13 38.0 10.0 284.2 2.0 11
0.50 82. 1007. 10 ADJ-A1 NoSubs
18 12 4 338 19 -11.8 0.143 -9.000 -9.000 -999. 130. 22.4 0.0270 0.83 1.00 2.30 351.0 10.0 284.2 2.0 11
0.30 82. 1007. 10 ADJ-A1 NoSubs
18 12 4 338 20 -8.0 0.116 -9.000 -9.000 -999. 95. 17.5 0.0240 0.83 1.00 1.94 55.0 10.0 284.2 2.0 0
0.00 79. 1006. 10 ADJ-A1 NoSubs
18 12 4 338 21 -22.8 0.232 -9.000 -9.000 -999. 268. 59.2 0.0230 0.83 1.00 3.73 92.0 10.0 285.9 2.0 0
0.00 63. 1006. 10 ADJ-A1 NoSubs
18 12 4 338 22 -22.3 0.226 -9.000 -9.000 -999. 258. 56.2 0.0230 0.83 1.00 3.64 101.0 10.0 285.4 2.0 0
0.00 68. 1007. 10 ADJ-A1 NoSubs
18 12 4 338 23 -16.2 0.166 -9.000 -9.000 -999. 163. 30.4 0.0200 0.83 1.00 2.78 65.0 10.0 283.1 2.0 11
3.00 92. 1007. 10 ADJ-A1 NoSubs
18 12 4 338 24 -13.4 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.83 1.00 2.49 12.0 10.0 283.1 2.0 11
1.30 92. 1006. 10 ADJ-A1 NoSubs
18 12 5 339 1 -23.5 0.237 -9.000 -9.000 -999. 277. 61.7 0.0240 0.83 1.00 3.78 47.0 10.0 283.8 2.0 0
0.00 85. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 2 -17.6 0.178 -9.000 -9.000 -999. 181. 34.7 0.0200 0.83 1.00 2.96 68.0 10.0 283.8 2.0 0
0.00 85. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 3 -7.8 0.114 -9.000 -9.000 -999. 93. 16.9 0.0200 0.83 1.00 1.96 64.0 10.0 283.1 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 4 -5.0 0.091 -9.000 -9.000 -999. 66. 13.6 0.0240 0.83 1.00 1.54 43.0 10.0 283.8 2.0 0
0.00 85. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 5 -3.4 0.076 -9.000 -9.000 -999. 50. 11.6 0.0240 0.83 1.00 1.25 33.0 10.0 283.8 2.0 0
0.00 85. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 6 -2.2 0.064 -9.000 -9.000 -999. 39. 10.9 0.0230 0.83 1.00 0.96 7.0 10.0 283.8 2.0 0
0.00 85. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 7 -3.9 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 15.0 10.0 283.8 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 12 5 339 8 -2.3 0.066 -9.000 -9.000 -999. 40. 10.9 0.0230 0.83 0.59 1.04 11.0 10.0 284.2 2.0 0

0.00 86. 1006. 10 ADJ-A1 NoSubs
18 12 5 339 9 0.9 0.067 0.072 0.005 15. 42. -30.7 0.0270 0.83 0.33 0.89 359.0 10.0 284.9 2.0 0
0.00 82. 1006. 10 ADJ-A1 NoSubs
18 12 5 339 10 52.8 0.095 0.744 0.005 279. 71. -1.5 0.0230 0.83 0.24 0.92 99.0 10.0 286.4 2.0 0
0.00 74. 1006. 7 ADJ-A1 NoSubs
18 12 5 339 11 20.1 0.106 0.556 0.005 307. 83. -5.3 0.0280 0.83 0.21 1.18 148.0 10.0 287.5 2.0 0
0.00 66. 1006. 10 ADJ-A1 NoSubs
18 12 5 339 12 23.9 0.116 0.608 0.005 336. 95. -5.9 0.0230 0.83 0.20 1.37 106.0 10.0 287.5 2.0 0
0.00 71. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 13 24.2 0.121 0.627 0.005 364. 101. -6.5 0.0200 0.83 0.20 1.48 76.0 10.0 288.8 2.0 0
0.00 66. 1004. 10 ADJ-A1 NoSubs
18 12 5 339 14 20.1 0.146 0.601 0.005 386. 134. -13.9 0.0240 0.83 0.21 1.86 42.0 10.0 288.8 2.0 0
0.00 68. 1004. 10 ADJ-A1 NoSubs
18 12 5 339 15 11.5 0.154 0.504 0.005 396. 144. -28.1 0.0170 0.83 0.25 2.20 187.0 10.0 286.4 2.0 11
0.30 89. 1004. 10 ADJ-A1 NoSubs
18 12 5 339 16 0.7 0.100 0.195 0.005 397. 77. -134.9 0.0180 0.83 0.34 1.53 268.0 10.0 286.4 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
18 12 5 339 17 -2.7 0.070 -9.000 -9.000 -999. 44. 11.2 0.0230 0.83 0.62 1.14 307.0 10.0 286.4 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
18 12 5 339 18 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.83 1.00 1.33 171.0 10.0 285.4 2.0 11
0.50 100. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 19 -3.7 0.080 -9.000 -9.000 -999. 54. 12.2 0.0280 0.83 1.00 1.30 125.0 10.0 285.4 2.0 11
0.50 100. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 20 -3.3 0.076 -9.000 -9.000 -999. 50. 11.7 0.0280 0.83 1.00 1.21 133.0 10.0 285.4 2.0 11
0.30 100. 1005. 10 ADJ-A1 NoSubs
18 12 5 339 21 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0240 0.83 1.00 1.64 35.0 10.0 284.9 2.0 11
0.80 96. 1006. 10 ADJ-A1 NoSubs
18 12 5 339 22 -9.3 0.125 -9.000 -9.000 -999. 106. 18.7 0.0200 0.83 1.00 2.13 65.0 10.0 284.9 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
18 12 5 339 23 -9.0 0.123 -9.000 -9.000 -999. 104. 18.6 0.0230 0.83 1.00 2.06 93.0 10.0 284.2 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
18 12 5 339 24 -17.5 0.178 -9.000 -9.000 -999. 180. 34.7 0.0200 0.83 1.00 2.96 67.0 10.0 285.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 12 6 340 1 -14.9 0.159 -9.000 -9.000 -999. 152. 27.9 0.0200 0.83 1.00 2.67 63.0 10.0 285.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 12 6 340 2 -9.9 0.130 -9.000 -9.000 -999. 112. 19.8 0.0240 0.83 1.00 2.15 57.0 10.0 285.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
18 12 6 340 3 -17.6 0.179 -9.000 -9.000 -999. 181. 35.1 0.0240 0.83 1.00 2.89 55.0 10.0 285.4 2.0 0
0.00 82. 1006. 10 ADJ-A1 NoSubs
18 12 6 340 4 -14.5 0.157 -9.000 -9.000 -999. 150. 27.2 0.0200 0.83 1.00 2.64 61.0 10.0 285.4 2.0 0
0.00 82. 1006. 10 ADJ-A1 NoSubs
18 12 6 340 5 -18.7 0.189 -9.000 -9.000 -999. 197. 39.4 0.0240 0.83 1.00 3.05 55.0 10.0 284.9 2.0 0
0.00 85. 1006. 7 ADJ-A1 NoSubs
18 12 6 340 6 -11.1 0.138 -9.000 -9.000 -999. 123. 21.1 0.0240 0.83 1.00 2.27 54.0 10.0 284.9 2.0 0
0.00 82. 1006. 3 ADJ-A1 NoSubs
18 12 6 340 7 -13.9 0.154 -9.000 -9.000 -999. 145. 26.2 0.0240 0.83 1.00 2.52 44.0 10.0 284.2 2.0 0
0.00 86. 1007. 5 ADJ-A1 NoSubs
18 12 6 340 8 -10.0 0.134 -9.000 -9.000 -999. 118. 21.6 0.0240 0.83 0.60 2.20 57.0 10.0 284.9 2.0 0
0.00 82. 1007. 0 ADJ-A1 NoSubs
18 12 6 340 9 13.7 0.201 0.410 0.005 181. 217. -53.7 0.0200 0.83 0.33 2.91 86.0 10.0 286.4 2.0 0
0.00 999. 1007. 0 ADJ-A1 NoSubs
18 12 6 340 10 61.6 0.233 0.913 0.005 444. 270. -18.5 0.0200 0.83 0.24 3.15 65.0 10.0 287.5 2.0 0
0.00 999. 1008. 5 ADJ-A1 NoSubs
18 12 6 340 11 90.7 0.264 1.076 0.005 493. 326. -18.2 0.0200 0.83 0.21 3.56 73.0 10.0 289.2 2.0 0

0.00 999. 1008. 5 ADJ-A1 NoSubs
18 12 6 340 12 104.2 0.290 1.263 0.005 695. 374. -21.0 0.0200 0.83 0.20 3.95 88.0 10.0 290.4 2.0 0
0.00 999. 1007. 0 ADJ-A1 NoSubs
18 12 6 340 13 104.1 0.367 1.379 0.005 905. 533. -42.5 0.0230 0.83 0.20 5.10 111.0 10.0 290.9 2.0 0
0.00 999. 1007. 0 ADJ-A1 NoSubs
18 12 6 340 14 87.9 0.353 1.359 0.005 1027. 504. -45.0 0.0230 0.83 0.21 4.93 111.0 10.0 290.9 2.0 0
0.00 999. 1007. 0 ADJ-A1 Sub_CC
18 12 6 340 15 56.5 0.315 1.200 0.005 1098. 425. -49.6 0.0230 0.83 0.25 4.42 102.0 10.0 290.9 2.0 0
0.00 999. 1007. 0 ADJ-A1 NoSubs
18 12 6 340 16 13.0 0.264 0.738 0.005 1112. 327. -127.7 0.0230 0.83 0.34 3.86 102.0 10.0 290.4 2.0 0
0.00 999. 1007. 0 ADJ-A1 NoSubs
18 12 6 340 17 -19.8 0.219 -9.000 -9.000 -999. 246. 52.6 0.0230 0.83 0.62 3.52 104.0 10.0 287.5 2.0 0
0.00 61. 1007. 0 ADJ-A1 NoSubs
18 12 6 340 18 -8.2 0.117 -9.000 -9.000 -999. 101. 17.5 0.0200 0.83 1.00 2.01 88.0 10.0 286.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
18 12 6 340 19 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 27.0 10.0 284.2 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
18 12 6 340 20 -5.9 0.099 -9.000 -9.000 -999. 75. 14.9 0.0270 0.83 1.00 1.64 348.0 10.0 284.2 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
18 12 6 340 21 -10.4 0.133 -9.000 -9.000 -999. 117. 20.4 0.0270 0.83 1.00 2.16 331.0 10.0 282.5 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
18 12 6 340 22 -12.3 0.144 -9.000 -9.000 -999. 131. 22.8 0.0230 0.83 1.00 2.38 329.0 10.0 282.0 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
18 12 6 340 23 -12.7 0.147 -9.000 -9.000 -999. 136. 23.9 0.0270 0.83 1.00 2.37 332.0 10.0 282.0 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
18 12 6 340 24 -5.1 0.092 -9.000 -9.000 -999. 67. 13.8 0.0270 0.83 1.00 1.52 343.0 10.0 282.0 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
18 12 7 341 1 -5.4 0.095 -9.000 -9.000 -999. 70. 14.2 0.0270 0.83 1.00 1.57 343.0 10.0 280.9 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 12 7 341 2 -3.9 0.081 -9.000 -9.000 -999. 56. 12.3 0.0270 0.83 1.00 1.33 355.0 10.0 280.4 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
18 12 7 341 3 -8.4 0.118 -9.000 -9.000 -999. 97. 17.6 0.0230 0.83 1.00 1.98 326.0 10.0 280.9 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 12 7 341 4 -5.7 0.096 -9.000 -9.000 -999. 72. 14.2 0.0230 0.83 1.00 1.64 318.0 10.0 280.4 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 12 7 341 5 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.83 1.00 1.47 344.0 10.0 279.2 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
18 12 7 341 6 -4.8 0.088 -9.000 -9.000 -999. 63. 13.0 0.0230 0.83 1.00 1.50 18.0 10.0 279.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
18 12 7 341 7 -5.0 0.090 -9.000 -9.000 -999. 65. 13.2 0.0230 0.83 1.00 1.53 318.0 10.0 278.1 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 12 7 341 8 -2.4 0.066 -9.000 -9.000 -999. 40. 10.6 0.0180 0.83 0.60 1.09 288.0 10.0 280.4 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
18 12 7 341 9 12.0 0.115 0.296 0.008 78. 94. -11.5 0.0230 0.83 0.34 1.45 10.0 10.0 283.1 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
18 12 7 341 10 55.4 0.127 0.656 0.006 185. 109. -3.4 0.0280 0.83 0.24 1.33 126.0 10.0 284.9 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
18 12 7 341 11 87.0 0.136 0.936 0.005 342. 120. -2.6 0.0280 0.83 0.21 1.37 132.0 10.0 287.5 2.0 0
0.00 64. 1016. 0 ADJ-A1 NoSubs
18 12 7 341 12 103.2 0.153 1.156 0.005 543. 144. -3.1 0.0310 0.83 0.20 1.55 170.0 10.0 289.2 2.0 0
0.00 55. 1015. 0 ADJ-A1 NoSubs
18 12 7 341 13 103.6 0.164 1.254 0.005 689. 159. -3.8 0.0280 0.83 0.20 1.74 141.0 10.0 290.9 2.0 0
0.00 49. 1014. 0 ADJ-A1 NoSubs
18 12 7 341 14 87.6 0.174 1.248 0.005 802. 174. -5.4 0.0310 0.83 0.21 1.89 178.0 10.0 291.4 2.0 0

0.00 46. 1014. 0 ADJ-A1 NoSubs
18 12 7 341 15 56.2 0.208 1.091 0.005 836. 228. -14.5 0.0180 0.83 0.25 2.81 257.0 10.0 290.9 2.0 0
0.00 51. 1015. 0 ADJ-A1 NoSubs
18 12 7 341 16 12.2 0.253 0.657 0.005 840. 306. -120.4 0.0180 0.83 0.34 3.85 271.0 10.0 288.8 2.0 0
0.00 59. 1015. 0 ADJ-A1 NoSubs
18 12 7 341 17 -8.0 0.117 -9.000 -9.000 -999. 110. 18.2 0.0180 0.83 0.62 2.04 288.0 10.0 287.5 2.0 0
0.00 69. 1016. 0 ADJ-A1 NoSubs
18 12 7 341 18 -4.4 0.085 -9.000 -9.000 -999. 60. 12.8 0.0230 0.83 1.00 1.45 306.0 10.0 285.4 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
18 12 7 341 19 -8.7 0.121 -9.000 -9.000 -999. 101. 18.5 0.0270 0.83 1.00 1.98 338.0 10.0 284.2 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 12 7 341 20 -6.9 0.107 -9.000 -9.000 -999. 85. 16.2 0.0270 0.83 1.00 1.77 340.0 10.0 283.8 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 12 7 341 21 -9.1 0.123 -9.000 -9.000 -999. 104. 18.8 0.0270 0.83 1.00 2.01 336.0 10.0 282.5 2.0 0
0.00 83. 1018. 0 ADJ-A1 NoSubs
18 12 7 341 22 -11.7 0.141 -9.000 -9.000 -999. 127. 21.8 0.0270 0.83 1.00 2.27 331.0 10.0 282.5 2.0 0
0.00 83. 1018. 0 ADJ-A1 NoSubs
18 12 7 341 23 -10.8 0.135 -9.000 -9.000 -999. 119. 20.6 0.0270 0.83 1.00 2.18 334.0 10.0 282.0 2.0 0
0.00 82. 1019. 0 ADJ-A1 NoSubs
18 12 7 341 24 -8.9 0.122 -9.000 -9.000 -999. 102. 18.5 0.0270 0.83 1.00 1.99 330.0 10.0 281.4 2.0 0
0.00 82. 1019. 0 ADJ-A1 NoSubs
18 12 8 342 1 -3.7 0.078 -9.000 -9.000 -999. 52. 11.7 0.0230 0.83 1.00 1.30 312.0 10.0 280.4 2.0 0
0.00 89. 1019. 0 ADJ-A1 NoSubs
18 12 8 342 2 -7.3 0.109 -9.000 -9.000 -999. 86. 16.2 0.0230 0.83 1.00 1.84 326.0 10.0 280.9 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 3 -7.8 0.113 -9.000 -9.000 -999. 92. 17.0 0.0270 0.83 1.00 1.86 338.0 10.0 279.9 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 4 -4.1 0.082 -9.000 -9.000 -999. 57. 12.4 0.0270 0.83 1.00 1.35 351.0 10.0 279.9 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 5 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 1.00 1.20 341.0 10.0 279.9 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 6 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.83 1.00 0.97 326.0 10.0 279.2 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 7 -1.7 0.061 -9.000 -9.000 -999. 36. 12.3 0.0270 0.83 1.00 0.74 343.0 10.0 278.8 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 8 -3.1 0.073 -9.000 -9.000 -999. 48. 11.7 0.0270 0.83 0.61 1.18 353.0 10.0 279.9 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 9 11.2 0.087 0.276 0.012 68. 61. -5.3 0.0230 0.83 0.34 1.01 7.0 10.0 283.1 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 10 55.0 0.192 0.651 0.008 182. 202. -11.7 0.0230 0.83 0.25 2.42 103.0 10.0 286.4 2.0 0
0.00 69. 1021. 0 ADJ-A1 NoSubs
18 12 8 342 11 86.8 0.212 0.863 0.006 270. 235. -10.0 0.0230 0.83 0.21 2.64 99.0 10.0 289.2 2.0 0
0.00 57. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 12 103.2 0.173 1.073 0.006 435. 173. -4.6 0.0200 0.83 0.20 2.03 79.0 10.0 290.9 2.0 0
0.00 51. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 13 103.5 0.199 1.124 0.005 499. 213. -6.9 0.0200 0.83 0.20 2.45 61.0 10.0 292.0 2.0 0
0.00 44. 1019. 0 ADJ-A1 NoSubs
18 12 8 342 14 87.7 0.200 1.165 0.005 656. 215. -8.3 0.0240 0.83 0.21 2.42 43.0 10.0 292.5 2.0 0
0.00 38. 1018. 0 ADJ-A1 NoSubs
18 12 8 342 15 56.9 0.163 1.062 0.005 766. 158. -6.9 0.0240 0.83 0.25 1.93 54.0 10.0 293.1 2.0 0
0.00 38. 1018. 0 ADJ-A1 NoSubs
18 12 8 342 16 12.9 0.151 0.649 0.005 770. 141. -24.2 0.0200 0.83 0.34 2.08 80.0 10.0 290.9 2.0 0
0.00 49. 1018. 0 ADJ-A1 NoSubs
18 12 8 342 17 -17.2 0.188 -9.000 -9.000 -999. 196. 38.9 0.0280 0.83 0.62 2.95 124.0 10.0 288.1 2.0 0

0.00 54. 1018. 0 ADJ-A1 NoSubs
18 12 8 342 18 -4.6 0.088 -9.000 -9.000 -999. 68. 13.5 0.0310 0.83 1.00 1.42 154.0 10.0 287.0 2.0 0
0.00 59. 1019. 0 ADJ-A1 NoSubs
18 12 8 342 19 -4.8 0.088 -9.000 -9.000 -999. 63. 12.9 0.0200 0.83 1.00 1.53 81.0 10.0 284.2 2.0 0
0.00 74. 1019. 0 ADJ-A1 NoSubs
18 12 8 342 20 -2.3 0.065 -9.000 -9.000 -999. 40. 11.0 0.0240 0.83 1.00 0.97 43.0 10.0 283.8 2.0 0
0.00 76. 1019. 0 ADJ-A1 NoSubs
18 12 8 342 21 -4.6 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.83 1.00 1.48 16.0 10.0 282.5 2.0 0
0.00 79. 1019. 0 ADJ-A1 NoSubs
18 12 8 342 22 -6.7 0.106 -9.000 -9.000 -999. 82. 15.9 0.0270 0.83 1.00 1.74 352.0 10.0 282.0 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 23 -6.9 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.83 1.00 1.76 335.0 10.0 281.4 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
18 12 8 342 24 -5.5 0.095 -9.000 -9.000 -999. 70. 14.2 0.0270 0.83 1.00 1.57 358.0 10.0 281.4 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 1 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.83 1.00 0.97 21.0 10.0 280.9 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 2 -5.1 0.092 -9.000 -9.000 -999. 67. 13.7 0.0270 0.83 1.00 1.52 343.0 10.0 280.4 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 3 -6.4 0.102 -9.000 -9.000 -999. 79. 15.3 0.0270 0.83 1.00 1.69 340.0 10.0 279.9 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 4 -3.6 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.83 1.00 1.28 14.0 10.0 280.4 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 5 -3.1 0.072 -9.000 -9.000 -999. 47. 11.1 0.0230 0.83 1.00 1.18 312.0 10.0 279.2 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 6 -1.9 0.062 -9.000 -9.000 -999. 37. 11.4 0.0240 0.83 1.00 0.84 41.0 10.0 279.2 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 7 -2.5 0.067 -9.000 -9.000 -999. 42. 11.0 0.0240 0.83 1.00 1.03 31.0 10.0 278.8 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 8 -5.5 0.097 -9.000 -9.000 -999. 72. 15.0 0.0270 0.83 0.62 1.60 337.0 10.0 278.8 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 9 10.0 0.096 0.241 0.012 51. 71. -8.1 0.0270 0.83 0.34 1.13 355.0 10.0 280.9 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 10 53.4 0.100 0.633 0.010 173. 76. -1.7 0.0280 0.83 0.25 0.94 140.0 10.0 283.1 2.0 0
0.00 82. 1021. 0 ADJ-A1 NoSubs
18 12 9 343 11 85.1 0.112 0.872 0.009 283. 90. -1.5 0.0280 0.83 0.21 1.04 130.0 10.0 285.9 2.0 0
0.00 68. 1021. 0 ADJ-A1 NoSubs
18 12 9 343 12 101.4 0.174 1.012 0.007 372. 174. -4.7 0.0230 0.83 0.20 1.99 111.0 10.0 287.5 2.0 0
0.00 61. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 13 101.8 0.176 1.112 0.006 492. 178. -4.9 0.0280 0.83 0.20 1.94 128.0 10.0 288.8 2.0 0
0.00 56. 1020. 0 ADJ-A1 NoSubs
18 12 9 343 14 85.9 0.132 1.112 0.006 582. 115. -2.4 0.0170 0.83 0.21 1.47 199.0 10.0 288.8 2.0 0
0.00 55. 1019. 0 ADJ-A1 NoSubs
18 12 9 343 15 54.6 0.173 0.982 0.006 630. 172. -8.6 0.0180 0.83 0.25 2.22 256.0 10.0 287.5 2.0 0
0.00 66. 1019. 0 ADJ-A1 NoSubs
18 12 9 343 16 11.6 0.119 0.590 0.006 641. 99. -13.1 0.0180 0.83 0.34 1.59 292.0 10.0 287.5 2.0 0
0.00 69. 1018. 0 ADJ-A1 NoSubs
18 12 9 343 17 -4.3 0.085 -9.000 -9.000 -999. 60. 12.9 0.0170 0.83 0.62 1.52 189.0 10.0 285.9 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
18 12 9 343 18 -3.1 0.073 -9.000 -9.000 -999. 47. 11.2 0.0230 0.83 1.00 1.20 320.0 10.0 284.9 2.0 0
0.00 79. 1018. 0 ADJ-A1 NoSubs
18 12 9 343 19 -4.1 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.83 1.00 1.38 316.0 10.0 284.2 2.0 0
0.00 82. 1019. 0 ADJ-A1 NoSubs
18 12 9 343 20 -6.3 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.83 1.00 1.72 9.0 10.0 283.8 2.0 0

0.00 82. 1018. 0 ADJ-A1 NoSubs
18 12 9 343 21 -5.1 0.092 -9.000 -9.000 -999. 67. 13.8 0.0270 0.83 1.00 1.52 341.0 10.0 283.1 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
18 12 9 343 22 -3.2 0.074 -9.000 -9.000 -999. 48. 11.4 0.0240 0.83 1.00 1.21 30.0 10.0 282.5 2.0 0
0.00 83. 1018. 0 ADJ-A1 NoSubs
18 12 9 343 23 -3.2 0.074 -9.000 -9.000 -999. 48. 11.4 0.0240 0.83 1.00 1.21 33.0 10.0 281.4 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
18 12 9 343 24 -3.2 0.074 -9.000 -9.000 -999. 48. 11.2 0.0230 0.83 1.00 1.21 325.0 10.0 280.4 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
18 12 10 344 1 -2.2 0.064 -9.000 -9.000 -999. 39. 11.0 0.0230 0.83 1.00 0.94 311.0 10.0 279.9 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
18 12 10 344 2 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 311.0 10.0 279.9 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
18 12 10 344 3 -5.0 0.090 -9.000 -9.000 -999. 65. 13.3 0.0230 0.83 1.00 1.53 307.0 10.0 279.2 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 12 10 344 4 -2.7 0.069 -9.000 -9.000 -999. 44. 11.0 0.0240 0.83 1.00 1.09 53.0 10.0 279.2 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
18 12 10 344 5 -3.0 0.072 -9.000 -9.000 -999. 46. 11.1 0.0240 0.83 1.00 1.15 52.0 10.0 278.8 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 10 344 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 278.8 2.0
0 0.00 88. 1017. 0 ADJ-SFC NoSubs
18 12 10 344 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 277.5 2.0
0 0.00 92. 1017. 0 ADJ-SFC NoSubs
18 12 10 344 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.62 0.00 0.0 10.0 278.8 2.0
0 0.00 88. 1017. 0 ADJ-SFC NoSubs
18 12 10 344 9 9.1 -9.000 -9.000 -9.000 71. -999. -99999.0 0.0228 0.83 0.34 0.00 0.0 10.0 280.4 2.0 0
0.00 89. 1017. 0 ADJ-SFC NoSubs
18 12 10 344 10 58.0 -9.000 -9.000 -9.000 262. -999. -99999.0 0.0228 0.83 0.25 0.00 0.0 10.0 282.5 2.0
0 0.00 86. 1018. 3 ADJ-SFC NoSubs
18 12 10 344 11 18.4 0.243 0.536 0.012 304. 288. -71.2 0.0280 0.83 0.21 3.36 123.0 10.0 284.9 2.0 0
0.00 73. 1017. 10 ADJ-SFC NoSubs
18 12 10 344 12 23.0 0.208 0.588 0.012 320. 227. -35.2 0.0230 0.83 0.20 2.86 116.0 10.0 287.0 2.0 0
0.00 66. 1016. 10 ADJ-SFC NoSubs
18 12 10 344 13 23.2 0.278 0.597 0.010 331. 351. -83.6 0.0280 0.83 0.20 3.86 126.0 10.0 287.5 2.0 0
0.00 61. 1015. 10 ADJ-SFC NoSubs
18 12 10 344 14 85.6 0.157 0.956 0.009 370. 157. -4.1 0.0228 0.83 0.21 1.76 999.0 10.0 288.8 2.0 0
0.00 59. 1014. 0 ADJ-SFC NoSubs
18 12 10 344 15 54.8 0.176 0.841 0.008 392. 177. -9.0 0.0280 0.83 0.25 2.08 145.0 10.0 288.8 2.0 0
0.00 56. 1014. 0 ADJ-A1 NoSubs
18 12 10 344 16 11.5 0.180 0.502 0.008 397. 183. -45.4 0.0210 0.83 0.34 2.55 230.0 10.0 287.5 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
18 12 10 344 17 -7.5 0.113 -9.000 -9.000 -999. 93. 17.6 0.0210 0.83 0.62 1.93 232.0 10.0 285.4 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
18 12 10 344 18 -3.4 0.075 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.25 304.0 10.0 284.2 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
18 12 10 344 19 -3.8 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.83 1.00 1.33 323.0 10.0 283.1 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
18 12 10 344 20 -9.5 0.127 -9.000 -9.000 -999. 108. 19.3 0.0270 0.83 1.00 2.06 330.0 10.0 282.0 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 12 10 344 21 -5.7 0.097 -9.000 -9.000 -999. 72. 14.5 0.0270 0.83 1.00 1.60 336.0 10.0 281.4 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 12 10 344 22 -10.4 0.133 -9.000 -9.000 -999. 116. 20.3 0.0270 0.83 1.00 2.15 330.0 10.0 281.4 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 12 10 344 23 -5.5 0.095 -9.000 -9.000 -999. 70. 14.2 0.0270 0.83 1.00 1.57 332.0 10.0 279.9 2.0 0

0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 10 344 24 -7.2 0.109 -9.000 -9.000 -999. 86. 16.2 0.0230 0.83 1.00 1.84 319.0 10.0 280.4 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 1 -8.6 0.120 -9.000 -9.000 -999. 100. 18.1 0.0270 0.83 1.00 1.96 336.0 10.0 279.2 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 2 -7.0 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.83 1.00 1.77 342.0 10.0 278.8 2.0 0
0.00 91. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 3 -5.7 0.097 -9.000 -9.000 -999. 73. 14.5 0.0270 0.83 1.00 1.61 344.0 10.0 279.2 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 4 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0270 0.83 1.00 1.81 342.0 10.0 278.1 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 5 -7.8 0.113 -9.000 -9.000 -999. 91. 17.0 0.0270 0.83 1.00 1.86 341.0 10.0 277.5 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 6 -3.8 0.080 -9.000 -9.000 -999. 54. 12.0 0.0270 0.83 1.00 1.30 347.0 10.0 277.5 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 7 -8.0 0.115 -9.000 -9.000 -999. 94. 17.3 0.0270 0.83 1.00 1.89 341.0 10.0 277.0 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 8 -8.7 0.122 -9.000 -9.000 -999. 102. 19.0 0.0270 0.83 0.63 1.99 332.0 10.0 278.8 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
18 12 11 345 9 8.8 0.086 0.238 0.011 56. 60. -6.5 0.0240 0.83 0.35 1.01 35.0 10.0 282.0 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
18 12 11 345 10 52.2 0.106 0.583 0.008 138. 83. -2.1 0.0230 0.83 0.25 1.08 95.0 10.0 284.2 2.0 0
0.00 71. 1017. 0 ADJ-A1 NoSubs
18 12 11 345 11 83.8 0.146 0.894 0.007 310. 133. -3.3 0.0280 0.83 0.21 1.52 134.0 10.0 285.9 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
18 12 11 345 12 100.2 0.145 1.093 0.006 473. 132. -2.7 0.0280 0.83 0.20 1.47 148.0 10.0 287.0 2.0 0
0.00 54. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 13 100.8 0.136 1.162 0.005 564. 121. -2.3 0.0280 0.83 0.20 1.35 143.0 10.0 288.1 2.0 0
0.00 48. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 14 85.1 0.173 1.140 0.005 631. 173. -5.5 0.0170 0.83 0.21 2.15 198.0 10.0 288.1 2.0 0
0.00 53. 1015. 0 ADJ-A1 NoSubs
18 12 11 345 15 54.4 0.179 1.002 0.005 670. 182. -9.6 0.0170 0.83 0.25 2.35 208.0 10.0 288.1 2.0 0
0.00 59. 1015. 0 ADJ-A1 NoSubs
18 12 11 345 16 11.3 0.170 0.596 0.005 676. 169. -39.4 0.0210 0.83 0.34 2.40 238.0 10.0 287.0 2.0 0
0.00 59. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 17 -2.2 0.064 -9.000 -9.000 -999. 47. 10.5 0.0180 0.83 0.62 1.04 256.0 10.0 285.9 2.0 0
0.00 61. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 18 -5.5 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.83 1.00 1.62 327.0 10.0 283.1 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 19 -11.7 0.140 -9.000 -9.000 -999. 126. 21.6 0.0230 0.83 1.00 2.32 326.0 10.0 282.5 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
18 12 11 345 20 -12.0 0.142 -9.000 -9.000 -999. 128. 22.2 0.0230 0.83 1.00 2.35 329.0 10.0 282.0 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
18 12 11 345 21 -2.6 0.068 -9.000 -9.000 -999. 44. 10.9 0.0230 0.83 1.00 1.06 2.0 10.0 280.9 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
18 12 11 345 22 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0270 0.83 1.00 1.71 352.0 10.0 280.4 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
18 12 11 345 23 -7.7 0.113 -9.000 -9.000 -999. 92. 17.1 0.0270 0.83 1.00 1.86 341.0 10.0 280.4 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
18 12 11 345 24 -8.4 0.119 -9.000 -9.000 -999. 98. 17.9 0.0270 0.83 1.00 1.94 333.0 10.0 279.9 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
18 12 12 346 1 -10.8 0.135 -9.000 -9.000 -999. 119. 20.5 0.0270 0.83 1.00 2.18 337.0 10.0 280.4 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
18 12 12 346 2 -3.3 0.075 -9.000 -9.000 -999. 50. 11.6 0.0270 0.83 1.00 1.21 331.0 10.0 279.9 2.0 0

0.00 85. 1018. 7 ADJ-A1 NoSubs
18 12 12 346 3 -4.7 0.088 -9.000 -9.000 -999. 62. 13.0 0.0240 0.83 1.00 1.48 36.0 10.0 279.9 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
18 12 12 346 4 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.83 1.00 1.47 340.0 10.0 279.2 2.0 0
0.00 85. 1018. 7 ADJ-A1 NoSubs
18 12 12 346 5 -5.3 0.092 -9.000 -9.000 -999. 67. 13.4 0.0200 0.83 1.00 1.60 75.0 10.0 279.2 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
18 12 12 346 6 -4.4 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.83 1.00 1.43 327.0 10.0 279.2 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
18 12 12 346 7 -5.8 0.098 -9.000 -9.000 -999. 74. 14.6 0.0270 0.83 1.00 1.62 337.0 10.0 278.1 2.0 0
0.00 88. 1018. 0 ADJ-A1 NoSubs
18 12 12 346 8 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.83 0.64 1.01 6.0 10.0 279.2 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
18 12 12 346 9 8.2 0.109 0.268 0.008 85. 86. -14.3 0.0230 0.83 0.35 1.40 103.0 10.0 282.5 2.0 0
0.00 79. 1019. 0 ADJ-A1 NoSubs
18 12 12 346 10 52.2 0.198 0.638 0.006 181. 212. -13.6 0.0230 0.83 0.25 2.54 104.0 10.0 286.4 2.0 0
0.00 74. 1018. 0 ADJ-A1 NoSubs
18 12 12 346 11 84.1 0.177 0.959 0.006 381. 179. -6.0 0.0200 0.83 0.21 2.15 72.0 10.0 288.8 2.0 0
0.00 66. 1018. 0 ADJ-A1 NoSubs
18 12 12 346 12 100.7 0.132 1.147 0.008 545. 116. -2.1 0.0170 0.83 0.20 1.45 184.0 10.0 289.9 2.0 0
0.00 61. 1018. 0 ADJ-A1 NoSubs
18 12 12 346 13 101.2 0.192 1.232 0.010 670. 202. -6.4 0.0170 0.83 0.20 2.42 201.0 10.0 290.4 2.0 0
0.00 59. 1016. 0 ADJ-A1 NoSubs
18 12 12 346 14 85.9 0.179 1.214 0.010 756. 182. -6.1 0.0280 0.83 0.21 2.03 132.0 10.0 290.9 2.0 0
0.00 55. 1016. 0 ADJ-A1 NoSubs
18 12 12 346 15 54.7 0.260 1.066 0.010 803. 318. -29.0 0.0180 0.83 0.25 3.69 259.0 10.0 289.2 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
18 12 12 346 16 11.9 0.196 0.643 0.010 812. 209. -57.3 0.0180 0.83 0.34 2.89 272.0 10.0 288.8 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
18 12 12 346 17 -4.8 0.090 -9.000 -9.000 -999. 71. 13.8 0.0210 0.83 0.62 1.55 223.0 10.0 285.9 2.0 0
0.00 71. 1017. 0 ADJ-A1 NoSubs
18 12 12 346 18 -5.6 0.097 -9.000 -9.000 -999. 72. 14.6 0.0270 0.83 1.00 1.60 331.0 10.0 284.9 2.0 0
0.00 79. 1018. 0 ADJ-A1 NoSubs
18 12 12 346 19 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 1.00 1.21 346.0 10.0 284.2 2.0 0
0.00 79. 1019. 0 ADJ-A1 NoSubs
18 12 12 346 20 -8.3 0.118 -9.000 -9.000 -999. 97. 17.9 0.0270 0.83 1.00 1.93 340.0 10.0 283.1 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
18 12 12 346 21 -8.2 0.117 -9.000 -9.000 -999. 96. 17.7 0.0270 0.83 1.00 1.91 336.0 10.0 282.0 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
18 12 12 346 22 -7.0 0.107 -9.000 -9.000 -999. 85. 16.2 0.0270 0.83 1.00 1.77 332.0 10.0 281.4 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
18 12 12 346 23 -4.3 0.083 -9.000 -9.000 -999. 58. 12.4 0.0230 0.83 1.00 1.41 317.0 10.0 280.9 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
18 12 12 346 24 -12.7 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.83 1.00 2.36 337.0 10.0 280.4 2.0 0
0.00 85. 1020. 0 ADJ-SFC NoSubs
18 12 13 347 1 -11.8 0.139 -9.000 -9.000 -999. 125. 21.3 0.0200 0.83 1.00 2.36 69.0 10.0 280.4 2.0 0
0.00 82. 1020. 0 ADJ-SFC NoSubs
18 12 13 347 2 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.83 1.00 1.76 349.0 10.0 279.9 2.0 0
0.00 82. 1019. 0 ADJ-SFC NoSubs
18 12 13 347 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 278.8 2.0
0 0.00 85. 1019. 0 ADJ-SFC NoSubs
18 12 13 347 4 -12.2 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 317.0 10.0 278.8 2.0 0
0.00 82. 1018. 0 ADJ-SFC NoSubs
18 12 13 347 5 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.83 1.00 1.76 330.0 10.0 278.8 2.0 0

0.00 82. 1019. 0 ADJ-SFC NoSubs
18 12 13 347 6 -18.5 0.180 -9.000 -9.000 -999. 184. 35.7 0.0270 0.83 1.00 2.86 339.0 10.0 278.1 2.0 0
0.00 82. 1019. 0 ADJ-SFC NoSubs
18 12 13 347 7 -12.8 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.83 1.00 2.36 336.0 10.0 278.1 2.0 0
0.00 79. 1019. 0 ADJ-SFC NoSubs
18 12 13 347 8 -12.5 0.147 -9.000 -9.000 -999. 135. 23.8 0.0270 0.83 0.64 2.36 340.0 10.0 279.9 2.0 0
0.00 70. 1019. 0 ADJ-SFC NoSubs
18 12 13 347 9 7.8 0.167 0.196 0.011 35. 164. -54.2 0.0230 0.83 0.35 2.36 97.0 10.0 283.8 2.0 0
0.00 60. 1019. 0 ADJ-SFC NoSubs
18 12 13 347 10 51.5 0.248 0.573 0.011 132. 297. -27.0 0.0230 0.83 0.25 3.36 106.0 10.0 286.4 2.0 0
0.00 50. 1018. 0 ADJ-SFC NoSubs
18 12 13 347 11 83.7 0.162 0.805 0.012 226. 159. -4.6 0.0280 0.83 0.21 1.76 149.0 10.0 289.2 2.0 0
0.00 38. 1018. 0 ADJ-SFC NoSubs
18 12 13 347 12 101.1 0.261 1.006 0.012 365. 320. -16.0 0.0240 0.83 0.20 3.36 39.0 10.0 292.0 2.0 0
0.00 28. 1017. 0 ADJ-SFC NoSubs
18 12 13 347 13 101.5 0.197 1.132 0.010 518. 212. -6.9 0.0230 0.83 0.20 2.36 110.0 10.0 292.0 2.0 0
0.00 31. 1016. 0 ADJ-SFC NoSubs
18 12 13 347 14 86.6 0.221 1.134 0.010 610. 250. -11.3 0.0200 0.83 0.21 2.86 85.0 10.0 293.1 2.0 0
0.00 30. 1015. 0 ADJ-SFC NoSubs
18 12 13 347 15 56.4 0.219 0.991 0.009 624. 246. -16.9 0.0230 0.83 0.25 2.86 92.0 10.0 293.8 2.0 0
0.00 29. 1015. 0 ADJ-SFC NoSubs
18 12 13 347 16 13.2 0.244 0.611 0.009 626. 290. -100.4 0.0310 0.83 0.34 3.36 159.0 10.0 292.0 2.0 0
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0.00 40. 1015. 0 ADJ-SFC NoSubs
18 12 13 347 18 -12.1 0.144 -9.000 -9.000 -999. 131. 22.8 0.0240 0.83 1.00 2.36 43.0 10.0 287.0 2.0 0
0.00 54. 1015. 0 ADJ-SFC NoSubs
18 12 13 347 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 65. 1015. 0 ADJ-SFC NoSubs
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0.00 70. 1015. 0 ADJ-A1 NoSubs
18 12 13 347 21 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.83 1.00 1.30 355.0 10.0 282.0 2.0 0
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18 12 13 347 22 -6.3 0.102 -9.000 -9.000 -999. 79. 15.3 0.0270 0.83 1.00 1.69 341.0 10.0 281.4 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
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0.00 70. 1014. 0 ADJ-A1 NoSubs
18 12 14 348 1 -5.4 0.093 -9.000 -9.000 -999. 68. 13.5 0.0180 0.83 1.00 1.65 288.0 10.0 281.4 2.0 0
0.00 73. 1013. 0 ADJ-A1 NoSubs
18 12 14 348 2 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.60 309.0 10.0 279.2 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
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0.00 73. 1013. 0 ADJ-A1 NoSubs
18 12 14 348 4 -8.8 0.121 -9.000 -9.000 -999. 101. 18.4 0.0270 0.83 1.00 1.98 350.0 10.0 281.4 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
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0.00 65. 1013. 7 ADJ-A1 NoSubs
18 12 14 348 6 -14.0 0.156 -9.000 -9.000 -999. 147. 26.6 0.0270 0.83 1.00 2.49 334.0 10.0 284.2 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
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0.00 79. 1013. 0 ADJ-A1 NoSubs
18 12 14 348 8 -2.6 0.069 -9.000 -9.000 -999. 48. 11.3 0.0280 0.83 0.65 1.06 145.0 10.0 283.8 2.0 0

0.00 76. 1013. 0 ADJ-A1 NoSubs
18 12 14 348 9 7.8 0.162 0.221 0.013 50. 157. -49.6 0.0180 0.83 0.35 2.38 240.0 10.0 285.9 2.0 0
0.00 63. 1013. 0 ADJ-A1 NoSubs
18 12 14 348 10 50.9 0.154 0.563 0.014 127. 146. -6.5 0.0210 0.83 0.25 1.87 226.0 10.0 286.4 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
18 12 14 348 11 18.8 0.246 0.419 0.010 141. 292. -71.2 0.0180 0.83 0.21 3.66 253.0 10.0 288.1 2.0 0
0.00 61. 1015. 10 ADJ-A1 NoSubs
18 12 14 348 12 23.3 0.439 0.481 0.005 172. 698. -328.2 0.0210 0.83 0.20 6.65 231.0 10.0 289.2 2.0 0
0.00 66. 1014. 10 ADJ-A1 NoSubs
18 12 14 348 13 23.1 0.449 0.519 0.005 218. 723. -356.0 0.0210 0.83 0.20 6.82 227.0 10.0 288.1 2.0 0
0.00 71. 1014. 10 ADJ-A1 NoSubs
18 12 14 348 14 19.8 0.390 0.518 0.005 253. 587. -270.0 0.0210 0.83 0.21 5.89 226.0 10.0 289.9 2.0 0
0.00 66. 1013. 10 ADJ-A1 NoSubs
18 12 14 348 15 11.8 0.344 0.446 0.005 270. 485. -310.2 0.0180 0.83 0.25 5.34 242.0 10.0 288.8 2.0 0
0.00 66. 1014. 10 ADJ-A1 NoSubs
18 12 14 348 16 1.0 0.256 0.199 0.010 271. 315. -1447.7 0.0180 0.83 0.34 4.03 255.0 10.0 288.1 2.0 0
0.00 71. 1014. 10 ADJ-A1 NoSubs
18 12 14 348 17 -13.7 0.160 -9.000 -9.000 -999. 157. 28.0 0.0180 0.83 0.61 2.71 278.0 10.0 287.5 2.0 0
0.00 74. 1014. 7 ADJ-A1 NoSubs
18 12 14 348 18 -10.5 0.133 -9.000 -9.000 -999. 116. 20.3 0.0230 0.83 1.00 2.21 304.0 10.0 287.0 2.0 0
0.00 80. 1015. 10 ADJ-A1 NoSubs
18 12 14 348 19 -4.6 0.087 -9.000 -9.000 -999. 62. 13.0 0.0230 0.83 1.00 1.48 5.0 10.0 286.4 2.0 0
0.00 80. 1014. 7 ADJ-A1 NoSubs
18 12 14 348 20 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0230 0.83 1.00 1.86 323.0 10.0 284.9 2.0 0
0.00 85. 1014. 7 ADJ-A1 NoSubs
18 12 14 348 21 -8.8 0.122 -9.000 -9.000 -999. 102. 18.6 0.0270 0.83 1.00 1.99 331.0 10.0 284.9 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
18 12 14 348 22 -5.4 0.094 -9.000 -9.000 -999. 69. 14.0 0.0230 0.83 1.00 1.60 13.0 10.0 284.9 2.0 0
0.00 85. 1015. 7 ADJ-A1 NoSubs
18 12 14 348 23 -3.9 0.080 -9.000 -9.000 -999. 54. 12.0 0.0230 0.83 1.00 1.35 6.0 10.0 285.4 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
18 12 14 348 24 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0270 0.83 1.00 1.42 359.0 10.0 284.2 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
18 12 15 349 1 -4.9 0.091 -9.000 -9.000 -999. 65. 13.6 0.0270 0.83 1.00 1.50 351.0 10.0 284.2 2.0 0
0.00 86. 1014. 7 ADJ-A1 NoSubs
18 12 15 349 2 -3.9 0.081 -9.000 -9.000 -999. 55. 12.3 0.0270 0.83 1.00 1.33 349.0 10.0 283.1 2.0 0
0.00 86. 1014. 5 ADJ-A1 NoSubs
18 12 15 349 3 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.83 1.00 1.82 323.0 10.0 283.1 2.0 0
0.00 89. 1014. 7 ADJ-A1 NoSubs
18 12 15 349 4 -3.1 0.073 -9.000 -9.000 -999. 48. 11.2 0.0230 0.83 1.00 1.20 7.0 10.0 282.0 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
18 12 15 349 5 -3.3 0.075 -9.000 -9.000 -999. 50. 11.6 0.0270 0.83 1.00 1.21 347.0 10.0 280.9 2.0 0
0.00 88. 1013. 7 ADJ-A1 NoSubs
18 12 15 349 6 -4.4 0.085 -9.000 -9.000 -999. 59. 12.6 0.0230 0.83 1.00 1.44 324.0 10.0 281.4 2.0 0
0.00 89. 1013. 7 ADJ-A1 NoSubs
18 12 15 349 7 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.83 1.00 1.76 336.0 10.0 280.9 2.0 0
0.00 92. 1014. 0 ADJ-SFC NoSubs
18 12 15 349 8 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0270 0.83 0.65 1.76 355.0 10.0 280.9 2.0 0
0.00 88. 1014. 10 ADJ-SFC NoSubs
18 12 15 349 9 13.0 -9.000 -9.000 -9.000 48. -999. -99999.0 0.0228 0.83 0.36 0.00 0.0 10.0 283.1 2.0 0
0.00 89. 1014. 7 ADJ-SFC NoSubs
18 12 15 349 10 49.9 -9.000 -9.000 -9.000 227. -999. -99999.0 0.0228 0.83 0.25 0.00 0.0 10.0 284.9 2.0
0 0.00 82. 1014. 0 ADJ-SFC NoSubs
18 12 15 349 11 82.2 -9.000 -9.000 -9.000 533. -999. -99999.0 0.0228 0.83 0.22 0.00 0.0 10.0 287.5 2.0

0 0.00 69. 1014. 0 ADJ-SFC NoSubs
18 12 15 349 12 99.1 -9.000 -9.000 -9.000 835. -999. -99999.0 0.0228 0.83 0.20 0.00 0.0 10.0 288.8 2.0
0 0.00 64. 1014. 0 ADJ-SFC NoSubs
18 12 15 349 13 99.9 0.159 1.348 0.007 886. 152. -3.6 0.0228 0.83 0.20 1.76 999.0 10.0 289.2 2.0 0
0.00 59. 1013. 0 ADJ-SFC NoSubs
18 12 15 349 14 85.0 -9.000 -9.000 -9.000 918. -999. -99999.0 0.0228 0.83 0.21 0.00 0.0 10.0 289.9 2.0
0 0.00 53. 1012. 0 ADJ-SFC NoSubs
18 12 15 349 15 54.5 0.216 1.123 0.006 938. 240. -16.6 0.0210 0.83 0.25 2.86 236.0 10.0 289.2 2.0 0
0.00 55. 1012. 0 ADJ-SFC NoSubs
18 12 15 349 16 11.5 0.164 0.670 0.006 941. 160. -34.7 0.0180 0.83 0.34 2.36 258.0 10.0 287.0 2.0 0
0.00 66. 1012. 0 ADJ-SFC NoSubs
18 12 15 349 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.61 0.00 0.0 10.0 287.5 2.0
0 0.00 64. 1012. 0 ADJ-SFC NoSubs
18 12 15 349 18 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.76 316.0 10.0 285.4 2.0 0
0.00 74. 1012. 0 ADJ-SFC NoSubs
18 12 15 349 19 -6.8 0.107 -9.000 -9.000 -999. 84. 16.2 0.0270 0.83 1.00 1.76 343.0 10.0 284.9 2.0 0
0.00 76. 1013. 0 ADJ-SFC NoSubs
18 12 15 349 20 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.76 328.0 10.0 283.8 2.0 0
0.00 79. 1013. 0 ADJ-SFC NoSubs
18 12 15 349 21 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.83 1.00 2.36 5.0 10.0 282.5 2.0 0
0.00 83. 1013. 0 ADJ-SFC NoSubs
18 12 15 349 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 282.5 2.0
0 0.00 83. 1013. 0 ADJ-SFC NoSubs
18 12 15 349 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 282.0 2.0
0 0.00 82. 1014. 0 ADJ-SFC NoSubs
18 12 15 349 24 -6.8 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.83 1.00 1.76 339.0 10.0 282.5 2.0 0
0.00 83. 1014. 3 ADJ-SFC NoSubs
18 12 16 350 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 85. 1014. 0 ADJ-SFC NoSubs
18 12 16 350 2 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 8.0 10.0 281.4 2.0 0
0.00 85. 1014. 3 ADJ-SFC NoSubs
18 12 16 350 3 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 319.0 10.0 282.0 2.0 0
0.00 85. 1014. 10 ADJ-SFC NoSubs
18 12 16 350 4 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 113.0 10.0 282.0 2.0 0
0.00 89. 1014. 7 ADJ-SFC NoSubs
18 12 16 350 5 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 95.0 10.0 281.4 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
18 12 16 350 6 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.83 1.00 1.76 14.0 10.0 281.4 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
18 12 16 350 7 -11.3 0.137 -9.000 -9.000 -999. 121. 20.6 0.0180 0.83 1.00 2.36 289.0 10.0 282.0 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
18 12 16 350 8 -6.5 0.105 -9.000 -9.000 -999. 81. 15.9 0.0240 0.83 0.66 1.76 48.0 10.0 282.0 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
18 12 16 350 9 12.1 -9.000 -9.000 -9.000 99. -999. -99999.0 0.0228 0.83 0.36 0.00 0.0 10.0 283.8 2.0 0
0.00 79. 1014. 3 ADJ-SFC NoSubs
18 12 16 350 10 46.7 -9.000 -9.000 -9.000 295. -999. -99999.0 0.0228 0.83 0.25 0.00 0.0 10.0 285.9 2.0
0 0.00 68. 1014. 7 ADJ-SFC NoSubs
18 12 16 350 11 18.2 -9.000 -9.000 -9.000 370. -999. -99999.0 0.0228 0.83 0.22 0.00 0.0 10.0 287.0 2.0
0 0.00 66. 1014. 10 ADJ-SFC NoSubs
18 12 16 350 12 22.5 -9.000 -9.000 -9.000 445. -999. -99999.0 0.0228 0.83 0.20 0.00 0.0 10.0 287.5 2.0
0 0.00 64. 1013. 10 ADJ-SFC NoSubs
18 12 16 350 13 85.8 0.157 1.129 0.008 607. 149. -4.1 0.0230 0.83 0.20 1.76 96.0 10.0 289.2 2.0 0
0.00 57. 1012. 7 ADJ-SFC NoSubs
18 12 16 350 14 19.6 -9.000 -9.000 -9.000 622. -999. -99999.0 0.0228 0.83 0.21 0.00 0.0 10.0 289.2 2.0

0 0.00 55. 1012. 10 ADJ-SFC NoSubs
18 12 16 350 15 11.9 -9.000 -9.000 -9.000 631. -999. -99999.0 0.0228 0.83 0.25 0.00 0.0 10.0 288.8 2.0
0 0.00 59. 1011. 10 ADJ-SFC NoSubs
18 12 16 350 16 0.6 0.121 0.216 0.008 630. 101. -282.0 0.0270 0.83 0.34 1.76 333.0 10.0 286.4 2.0 11
2.80 92. 1012. 10 ADJ-SFC NoSubs
18 12 16 350 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 0.61 0.00 0.0 10.0 285.9 2.0
11 4.60 999. 1012. 10 ADJ-SFC NoSubs
18 12 16 350 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 0.00 0.0 10.0 285.9 2.0
11 2.50 999. 1012. 10 ADJ-SFC NoSubs
18 12 16 350 19 -6.6 0.105 -9.000 -9.000 -999. 81. 15.7 0.0240 0.83 1.00 1.76 53.0 10.0 285.9 2.0 11
3.30 999. 1012. 10 ADJ-SFC NoSubs
18 12 16 350 20 -17.4 0.175 -9.000 -9.000 -999. 176. 33.8 0.0230 0.83 1.00 2.86 116.0 10.0 286.4 2.0
11 13.20 999. 1013. 10 ADJ-SFC NoSubs
18 12 16 350 21 -23.2 0.235 -9.000 -9.000 -999. 273. 60.6 0.0200 0.83 1.00 3.86 82.0 10.0 285.9 2.0 11
2.50 999. 1012. 10 ADJ-SFC NoSubs
18 12 16 350 22 -6.5 0.104 -9.000 -9.000 -999. 93. 15.5 0.0230 0.83 1.00 1.76 8.0 10.0 285.9 2.0 11
0.30 999. 1012. 0 ADJ-SFC NoSubs
18 12 16 350 23 -6.4 0.102 -9.000 -9.000 -999. 79. 15.2 0.0210 0.83 1.00 1.76 211.0 10.0 285.4 2.0 0
0.00 999. 1012. 7 ADJ-SFC NoSubs
18 12 16 350 24 -4.0 0.081 -9.000 -9.000 -999. 55. 12.2 0.0230 0.83 1.00 1.37 14.0 10.0 285.9 2.0 11
1.00 999. 1012. 10 ADJ-A1 NoSubs
18 12 17 351 1 -4.7 0.088 -9.000 -9.000 -999. 63. 13.2 0.0230 0.83 1.00 1.50 118.0 10.0 285.9 2.0 11
5.30 999. 1012. 10 ADJ-A1 NoSubs
18 12 17 351 2 -8.5 0.120 -9.000 -9.000 -999. 100. 18.3 0.0270 0.83 1.00 1.96 340.0 10.0 285.4 2.0 11
8.90 999. 1013. 10 ADJ-A1 NoSubs
18 12 17 351 3 -17.4 0.174 -9.000 -9.000 -999. 174. 33.3 0.0230 0.83 1.00 2.84 309.0 10.0 284.2 2.0 11
2.30 999. 1013. 10 ADJ-A1 NoSubs
18 12 17 351 4 -7.1 0.109 -9.000 -9.000 -999. 87. 16.5 0.0270 0.83 1.00 1.79 331.0 10.0 284.2 2.0 11
1.80 999. 1014. 10 ADJ-A1 NoSubs
18 12 17 351 5 -5.4 0.094 -9.000 -9.000 -999. 69. 13.6 0.0170 0.83 1.00 1.67 206.0 10.0 283.8 2.0 0
0.00 999. 1014. 10 ADJ-A1 NoSubs
18 12 17 351 6 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.83 1.00 1.28 22.0 10.0 283.1 2.0 0
0.00 999. 1015. 3 ADJ-A1 NoSubs
18 12 17 351 7 -4.5 0.087 -9.000 -9.000 -999. 61. 13.0 0.0270 0.83 1.00 1.43 340.0 10.0 282.0 2.0 0
0.00 999. 1016. 10 ADJ-A1 NoSubs
18 12 17 351 8 -4.4 0.085 -9.000 -9.000 -999. 60. 12.9 0.0230 0.83 0.66 1.45 8.0 10.0 282.5 2.0 0
0.00 100. 1017. 0 ADJ-A1 NoSubs
18 12 17 351 9 13.7 0.117 0.443 0.005 229. 96. -10.6 0.0270 0.83 0.36 1.42 346.0 10.0 283.8 2.0 0
0.00 100. 1018. 5 ADJ-A1 NoSubs
18 12 17 351 10 46.1 0.101 0.761 0.005 347. 77. -2.0 0.0230 0.83 0.25 1.03 1.0 10.0 285.4 2.0 0
0.00 92. 1018. 7 ADJ-A1 NoSubs
18 12 17 351 11 81.1 0.115 1.032 0.005 491. 93. -1.7 0.0230 0.83 0.22 1.13 113.0 10.0 287.0 2.0 0
0.00 80. 1018. 0 ADJ-A1 NoSubs
18 12 17 351 12 98.2 0.158 1.299 0.005 810. 150. -3.6 0.0230 0.83 0.20 1.74 91.0 10.0 288.1 2.0 0
0.00 68. 1017. 0 ADJ-A1 NoSubs
18 12 17 351 13 99.4 0.128 1.424 0.005 1054. 110. -1.9 0.0170 0.83 0.20 1.38 190.0 10.0 288.8 2.0 0
0.00 68. 1017. 0 ADJ-A1 NoSubs
18 12 17 351 14 84.3 0.207 1.359 0.005 1081. 226. -9.6 0.0210 0.83 0.21 2.61 234.0 10.0 288.1 2.0 0
0.00 74. 1017. 0 ADJ-A1 NoSubs
18 12 17 351 15 53.9 0.281 1.177 0.005 1097. 357. -37.2 0.0180 0.83 0.25 4.05 257.0 10.0 287.0 2.0 0
0.00 77. 1017. 0 ADJ-A1 NoSubs
18 12 17 351 16 11.8 0.209 0.710 0.005 1100. 232. -70.5 0.0180 0.83 0.34 3.12 278.0 10.0 287.0 2.0 0
0.00 86. 1017. 0 ADJ-A1 NoSubs
18 12 17 351 17 -7.4 0.112 -9.000 -9.000 -999. 95. 17.4 0.0180 0.83 0.61 1.96 245.0 10.0 285.4 2.0 0

0.00 92. 1018. 0 ADJ-A1 NoSubs
18 12 17 351 18 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.83 1.00 1.59 310.0 10.0 285.4 2.0 0
0.00 96. 1018. 0 ADJ-A1 NoSubs
18 12 17 351 19 -4.3 0.085 -9.000 -9.000 -999. 59. 12.8 0.0270 0.83 1.00 1.40 356.0 10.0 284.9 2.0 0
0.00 96. 1019. 0 ADJ-A1 NoSubs
18 12 17 351 20 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 1.00 1.20 337.0 10.0 284.2 2.0 0
0.00 96. 1019. 0 ADJ-A1 NoSubs
18 12 17 351 21 -9.5 0.126 -9.000 -9.000 -999. 107. 19.0 0.0230 0.83 1.00 2.10 328.0 10.0 283.1 2.0 0
0.00 96. 1020. 0 ADJ-A1 NoSubs
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0.00 96. 1020. 0 ADJ-A1 NoSubs
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0.00 95. 1020. 0 ADJ-A1 NoSubs
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0.00 95. 1020. 10 ADJ-A1 NoSubs
18 12 18 352 1 -9.4 0.125 -9.000 -9.000 -999. 106. 19.0 0.0270 0.83 1.00 2.04 336.0 10.0 281.4 2.0 0
0.00 100. 1020. 7 ADJ-A1 NoSubs
18 12 18 352 2 -8.6 0.120 -9.000 -9.000 -999. 100. 18.2 0.0270 0.83 1.00 1.96 335.0 10.0 281.4 2.0 0
0.00 100. 1020. 7 ADJ-A1 NoSubs
18 12 18 352 3 -10.1 0.130 -9.000 -9.000 -999. 112. 19.8 0.0270 0.83 1.00 2.11 341.0 10.0 280.9 2.0 0
0.00 100. 1020. 0 ADJ-A1 NoSubs
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0.00 100. 1020. 0 ADJ-A1 NoSubs
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0.00 100. 1020. 0 ADJ-A1 NoSubs
18 12 18 352 7 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.83 1.00 1.30 350.0 10.0 278.8 2.0 0
0.00 100. 1021. 0 ADJ-A1 NoSubs
18 12 18 352 8 -5.2 0.093 -9.000 -9.000 -999. 68. 14.1 0.0270 0.83 0.67 1.54 345.0 10.0 279.9 2.0 0
0.00 100. 1021. 0 ADJ-A1 NoSubs
18 12 18 352 9 4.6 0.093 0.170 0.005 38. 68. -15.9 0.0240 0.83 0.36 1.20 54.0 10.0 282.0 2.0 0
0.00 95. 1022. 0 ADJ-A1 NoSubs
18 12 18 352 10 48.2 0.128 0.641 0.005 199. 110. -4.0 0.0230 0.83 0.25 1.43 115.0 10.0 284.2 2.0 0
0.00 89. 1022. 0 ADJ-A1 NoSubs
18 12 18 352 11 80.6 0.160 1.063 0.007 544. 153. -4.6 0.0280 0.83 0.22 1.74 136.0 10.0 286.4 2.0 0
0.00 80. 1022. 0 ADJ-A1 NoSubs
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0.00 71. 1022. 0 ADJ-A1 NoSubs
18 12 18 352 13 99.2 0.144 1.236 0.006 694. 131. -2.7 0.0310 0.83 0.20 1.43 173.0 10.0 288.8 2.0 0
0.00 68. 1021. 0 ADJ-A1 NoSubs
18 12 18 352 14 84.8 0.194 1.191 0.005 725. 206. -7.9 0.0210 0.83 0.21 2.40 211.0 10.0 289.9 2.0 0
0.00 61. 1021. 0 ADJ-A1 NoSubs
18 12 18 352 15 54.7 0.181 1.044 0.005 756. 185. -9.8 0.0170 0.83 0.25 2.38 209.0 10.0 289.2 2.0 0
0.00 59. 1020. 0 ADJ-A1 NoSubs
18 12 18 352 16 12.3 0.174 0.638 0.005 764. 174. -38.8 0.0210 0.83 0.34 2.45 238.0 10.0 288.1 2.0 0
0.00 74. 1020. 0 ADJ-A1 NoSubs
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0.00 86. 1020. 0 ADJ-A1 NoSubs
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0.00 92. 1020. 0 ADJ-A1 NoSubs
18 12 18 352 19 -6.3 0.102 -9.000 -9.000 -999. 79. 15.4 0.0270 0.83 1.00 1.69 348.0 10.0 284.2 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
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0.00 96. 1021. 0 ADJ-A1 NoSubs
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0.00 96. 1021. 0 ADJ-A1 NoSubs
18 12 18 352 22 -8.3 0.117 -9.000 -9.000 -999. 96. 17.5 0.0230 0.83 1.00 1.96 325.0 10.0 282.5 2.0 0
0.00 96. 1021. 0 ADJ-A1 NoSubs
18 12 18 352 23 -4.3 0.084 -9.000 -9.000 -999. 58. 12.6 0.0270 0.83 1.00 1.38 355.0 10.0 281.4 2.0 0
0.00 100. 1022. 0 ADJ-A1 NoSubs
18 12 18 352 24 -4.3 0.084 -9.000 -9.000 -999. 58. 12.6 0.0270 0.83 1.00 1.38 354.0 10.0 281.4 2.0 0
0.00 100. 1022. 0 ADJ-A1 NoSubs
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0.00 100. 1021. 0 ADJ-A1 NoSubs
18 12 19 353 2 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.83 1.00 1.47 357.0 10.0 281.4 2.0 0
0.00 100. 1021. 0 ADJ-A1 NoSubs
18 12 19 353 3 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0270 0.83 1.00 1.06 340.0 10.0 279.9 2.0 0
0.00 100. 1020. 0 ADJ-A1 NoSubs
18 12 19 353 4 -2.8 0.070 -9.000 -9.000 -999. 45. 11.2 0.0270 0.83 1.00 1.09 355.0 10.0 280.9 2.0 0
0.00 100. 1020. 0 ADJ-A1 NoSubs
18 12 19 353 5 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0270 0.83 1.00 1.72 350.0 10.0 280.4 2.0 0
0.00 100. 1019. 0 ADJ-A1 NoSubs
18 12 19 353 6 -3.3 0.075 -9.000 -9.000 -999. 50. 11.6 0.0270 0.83 1.00 1.21 341.0 10.0 280.4 2.0 0
0.00 100. 1019. 0 ADJ-A1 NoSubs
18 12 19 353 7 -5.1 0.092 -9.000 -9.000 -999. 67. 13.7 0.0270 0.83 1.00 1.52 342.0 10.0 279.9 2.0 0
0.00 100. 1019. 0 ADJ-A1 NoSubs
18 12 19 353 8 -1.9 0.062 -9.000 -9.000 -999. 37. 11.2 0.0230 0.83 0.67 0.87 328.0 10.0 280.4 2.0 0
0.00 100. 1020. 0 ADJ-A1 NoSubs
18 12 19 353 9 4.7 0.088 0.202 0.007 64. 63. -13.2 0.0270 0.83 0.36 1.09 355.0 10.0 284.2 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
18 12 19 353 10 48.2 0.120 0.653 0.005 209. 99. -3.2 0.0230 0.83 0.26 1.30 118.0 10.0 285.9 2.0 0
0.00 86. 1020. 0 ADJ-A1 NoSubs
18 12 19 353 11 81.0 0.287 0.944 0.008 377. 369. -26.6 0.0200 0.83 0.22 3.98 68.0 10.0 288.8 2.0 0
0.00 77. 1020. 0 ADJ-A1 NoSubs
18 12 19 353 12 98.3 0.333 1.214 0.012 661. 461. -34.1 0.0240 0.83 0.20 4.54 59.0 10.0 289.9 2.0 0
0.00 72. 1018. 0 ADJ-A1 NoSubs
18 12 19 353 13 99.3 0.341 1.242 0.011 701. 477. -36.1 0.0240 0.83 0.20 4.66 52.0 10.0 289.2 2.0 0
0.00 77. 1017. 0 ADJ-A1 NoSubs
18 12 19 353 14 84.6 0.366 1.197 0.011 735. 532. -52.7 0.0240 0.83 0.21 5.12 50.0 10.0 289.2 2.0 0
0.00 77. 1016. 0 ADJ-A1 NoSubs
18 12 19 353 15 55.1 0.328 1.047 0.010 756. 451. -57.8 0.0240 0.83 0.25 4.60 58.0 10.0 289.9 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
18 12 19 353 16 12.9 0.292 0.648 0.010 760. 380. -174.5 0.0200 0.83 0.34 4.41 66.0 10.0 289.2 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
18 12 19 353 17 -16.6 0.186 -9.000 -9.000 -999. 198. 38.0 0.0200 0.83 0.60 3.08 61.0 10.0 288.1 2.0 0
0.00 77. 1015. 0 ADJ-A1 NoSubs
18 12 19 353 18 -8.0 0.116 -9.000 -9.000 -999. 96. 17.5 0.0240 0.83 1.00 1.93 33.0 10.0 286.4 2.0 0
0.00 83. 1015. 0 ADJ-A1 NoSubs
18 12 19 353 19 -9.1 0.123 -9.000 -9.000 -999. 104. 18.6 0.0230 0.83 1.00 2.06 20.0 10.0 285.4 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 12 19 353 20 -3.4 0.076 -9.000 -9.000 -999. 51. 11.7 0.0270 0.83 1.00 1.23 357.0 10.0 283.8 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
18 12 19 353 21 -4.6 0.087 -9.000 -9.000 -999. 61. 12.9 0.0230 0.83 1.00 1.47 16.0 10.0 283.1 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 12 19 353 22 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.83 1.00 1.47 334.0 10.0 282.5 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
18 12 19 353 23 -7.4 0.111 -9.000 -9.000 -999. 89. 16.5 0.0230 0.83 1.00 1.87 322.0 10.0 282.5 2.0 0

0.00 92. 1016. 0 ADJ-A1 NoSubs
18 12 19 353 24 -3.9 0.081 -9.000 -9.000 -999. 56. 12.3 0.0270 0.83 1.00 1.33 330.0 10.0 282.0 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 12 20 354 1 -3.2 0.074 -9.000 -9.000 -999. 48. 11.3 0.0240 0.83 1.00 1.20 44.0 10.0 280.9 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 2 -3.5 0.076 -9.000 -9.000 -999. 51. 11.6 0.0240 0.83 1.00 1.26 51.0 10.0 280.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 3 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.83 1.00 1.48 352.0 10.0 280.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 4 -2.8 0.070 -9.000 -9.000 -999. 44. 11.0 0.0230 0.83 1.00 1.11 317.0 10.0 280.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 5 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 1.00 1.20 341.0 10.0 279.2 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 6 -1.8 0.061 -9.000 -9.000 -999. 36. 11.6 0.0230 0.83 1.00 0.80 7.0 10.0 279.9 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 7 -5.9 0.098 -9.000 -9.000 -999. 74. 14.5 0.0230 0.83 1.00 1.67 13.0 10.0 279.2 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 8 -6.2 0.100 -9.000 -9.000 -999. 76. 14.8 0.0200 0.83 0.68 1.74 89.0 10.0 280.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 9 3.6 0.097 0.162 0.013 43. 73. -23.1 0.0310 0.83 0.36 1.23 162.0 10.0 281.4 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 10 47.2 0.095 0.570 0.012 142. 71. -1.7 0.0230 0.83 0.26 0.94 15.0 10.0 283.8 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
18 12 20 354 11 79.6 0.134 0.874 0.010 304. 118. -2.7 0.0310 0.83 0.22 1.33 153.0 10.0 285.4 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
18 12 20 354 12 97.2 0.138 1.033 0.010 411. 124. -2.5 0.0230 0.83 0.20 1.45 104.0 10.0 287.0 2.0 0
0.00 77. 1015. 0 ADJ-A1 NoSubs
18 12 20 354 13 99.2 0.116 1.103 0.008 489. 94. -1.4 0.0310 0.83 0.20 1.03 167.0 10.0 289.2 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
18 12 20 354 14 84.7 0.143 1.083 0.008 542. 130. -3.1 0.0170 0.83 0.21 1.65 196.0 10.0 289.2 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
18 12 20 354 15 54.7 0.172 0.946 0.007 561. 171. -8.4 0.0180 0.83 0.25 2.20 246.0 10.0 288.1 2.0 0
0.00 80. 1014. 0 ADJ-A1 NoSubs
18 12 20 354 16 12.5 0.190 0.580 0.007 564. 199. -49.9 0.0180 0.83 0.34 2.79 255.0 10.0 287.0 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
18 12 20 354 17 -3.3 0.076 -9.000 -9.000 -999. 60. 12.0 0.0230 0.83 0.60 1.28 319.0 10.0 286.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
18 12 20 354 18 -11.3 0.137 -9.000 -9.000 -999. 122. 20.8 0.0200 0.83 1.00 2.33 84.0 10.0 285.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 12 20 354 19 -12.6 0.147 -9.000 -9.000 -999. 135. 23.8 0.0280 0.83 1.00 2.35 121.0 10.0 285.4 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 12 20 354 20 -7.2 0.110 -9.000 -9.000 -999. 87. 16.5 0.0240 0.83 1.00 1.84 50.0 10.0 284.9 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 12 20 354 21 -3.9 0.081 -9.000 -9.000 -999. 55. 12.1 0.0240 0.83 1.00 1.35 45.0 10.0 284.2 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
18 12 20 354 22 -7.5 0.112 -9.000 -9.000 -999. 90. 17.0 0.0270 0.83 1.00 1.84 340.0 10.0 283.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
18 12 20 354 23 -8.1 0.116 -9.000 -9.000 -999. 95. 17.5 0.0240 0.83 1.00 1.94 35.0 10.0 284.2 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 12 20 354 24 -13.0 0.148 -9.000 -9.000 -999. 136. 24.0 0.0200 0.83 1.00 2.49 86.0 10.0 284.2 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 12 21 355 1 -14.3 0.154 -9.000 -9.000 -999. 146. 26.2 0.0180 0.83 1.00 2.64 296.0 10.0 284.9 2.0 0
0.00 92. 1013. 3 ADJ-A1 NoSubs
18 12 21 355 2 -3.8 0.080 -9.000 -9.000 -999. 56. 12.2 0.0270 0.83 1.00 1.31 349.0 10.0 284.9 2.0 0

0.00 96. 1013. 0 ADJ-A1 NoSubs
18 12 21 355 3 -3.9 0.080 -9.000 -9.000 -999. 54. 11.7 0.0180 0.83 1.00 1.40 241.0 10.0 283.1 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
18 12 21 355 4 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0230 0.83 1.00 1.77 301.0 10.0 283.8 2.0 0
0.00 96. 1013. 7 ADJ-A1 NoSubs
18 12 21 355 5 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.83 1.00 1.20 338.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
18 12 21 355 6 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0270 0.83 1.00 1.45 340.0 10.0 282.5 2.0 0
0.00 100. 1013. 7 ADJ-A1 NoSubs
18 12 21 355 7 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0270 0.83 1.00 1.62 357.0 10.0 283.1 2.0 0
0.00 100. 1013. 3 ADJ-A1 NoSubs
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0.00 100. 1013. 10 ADJ-A1 NoSubs
18 12 21 355 9 -0.7 0.052 -9.000 -9.000 -999. 29. 18.0 0.0270 0.83 0.37 0.86 357.0 10.0 284.9 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
18 12 21 355 10 45.1 0.132 0.671 0.006 242. 115. -4.6 0.0230 0.83 0.26 1.50 106.0 10.0 286.4 2.0 0
0.00 86. 1014. 7 ADJ-A1 NoSubs
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0.00 77. 1013. 0 ADJ-A1 NoSubs
18 12 21 355 12 84.7 0.123 1.088 0.010 549. 104. -2.0 0.0310 0.83 0.20 1.16 175.0 10.0 290.4 2.0 0
0.00 69. 1012. 7 ADJ-A1 NoSubs
18 12 21 355 13 23.8 0.195 0.734 0.011 598. 207. -28.1 0.0210 0.83 0.20 2.69 230.0 10.0 290.9 2.0 0
0.00 69. 1012. 10 ADJ-A1 NoSubs
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0.00 83. 1011. 7 ADJ-A1 NoSubs
18 12 21 355 15 60.6 0.214 1.076 0.011 741. 238. -14.5 0.0180 0.83 0.25 2.88 265.0 10.0 288.8 2.0 0
0.00 86. 1011. 3 ADJ-A1 NoSubs
18 12 21 355 16 12.9 0.123 0.645 0.011 747. 107. -13.1 0.0180 0.83 0.34 1.65 264.0 10.0 287.5 2.0 0
0.00 93. 1011. 0 ADJ-A1 NoSubs
18 12 21 355 17 -2.7 0.070 -9.000 -9.000 -999. 45. 11.4 0.0180 0.83 0.60 1.23 289.0 10.0 287.5 2.0 0
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18 12 21 355 18 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.83 1.00 1.33 102.0 10.0 287.0 2.0 0
0.00 92. 1012. 7 ADJ-A1 NoSubs
18 12 21 355 19 -3.9 0.080 -9.000 -9.000 -999. 54. 11.9 0.0210 0.83 1.00 1.37 228.0 10.0 285.9 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
18 12 21 355 20 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.83 1.00 1.31 325.0 10.0 284.9 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
18 12 21 355 21 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 314.0 10.0 283.1 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
18 12 21 355 22 -9.7 0.128 -9.000 -9.000 -999. 110. 19.6 0.0270 0.83 1.00 2.08 337.0 10.0 283.8 2.0 0
0.00 100. 1012. 0 ADJ-A1 Sub_CC
18 12 21 355 23 -6.4 0.103 -9.000 -9.000 -999. 79. 15.5 0.0270 0.83 1.00 1.70 340.0 10.0 282.5 2.0 0
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18 12 21 355 24 -6.4 0.104 -9.000 -9.000 -999. 80. 15.6 0.0270 0.83 1.00 1.71 347.0 10.0 282.5 2.0 0
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18 12 22 356 1 -4.2 0.084 -9.000 -9.000 -999. 58. 12.6 0.0270 0.83 1.00 1.38 335.0 10.0 282.0 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
18 12 22 356 2 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 6.0 10.0 281.4 2.0 0
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18 12 22 356 3 -20.1 0.202 -9.000 -9.000 -999. 217. 44.8 0.0200 0.83 1.00 3.34 68.0 10.0 283.8 2.0 0
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0.00 89. 1012. 0 ADJ-A1 NoSubs
18 12 22 356 5 -7.9 0.115 -9.000 -9.000 -999. 94. 17.4 0.0270 0.83 1.00 1.89 338.0 10.0 280.9 2.0 0

0.00 100. 1013. 0 ADJ-A1 NoSubs
18 12 22 356 6 -6.4 0.103 -9.000 -9.000 -999. 79. 15.4 0.0270 0.83 1.00 1.70 335.0 10.0 279.9 2.0 0
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18 12 22 356 7 -8.3 0.118 -9.000 -9.000 -999. 97. 17.8 0.0270 0.83 1.00 1.93 345.0 10.0 280.4 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
18 12 22 356 8 -8.4 0.119 -9.000 -9.000 -999. 98. 18.1 0.0270 0.83 0.69 1.94 334.0 10.0 280.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
18 12 22 356 9 3.3 0.107 0.100 0.008 11. 83. -33.0 0.0270 0.83 0.37 1.42 341.0 10.0 283.8 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
18 12 22 356 10 47.1 0.131 0.659 0.008 219. 114. -4.3 0.0230 0.83 0.26 1.48 14.0 10.0 285.9 2.0 0
0.00 79. 1015. 0 ADJ-A1 NoSubs
18 12 22 356 11 80.0 0.270 1.008 0.007 464. 336. -22.2 0.0200 0.83 0.22 3.69 62.0 10.0 288.1 2.0 0
0.00 54. 1015. 0 ADJ-A1 NoSubs
18 12 22 356 12 97.9 0.298 1.111 0.006 507. 390. -24.4 0.0200 0.83 0.20 4.10 80.0 10.0 289.9 2.0 0
0.00 49. 1014. 0 ADJ-A1 NoSubs
18 12 22 356 13 99.6 0.264 1.147 0.005 547. 327. -16.8 0.0200 0.83 0.20 3.54 74.0 10.0 290.4 2.0 0
0.00 49. 1014. 0 ADJ-A1 NoSubs
18 12 22 356 14 85.6 0.173 1.111 0.005 580. 176. -5.4 0.0230 0.83 0.21 2.01 96.0 10.0 290.9 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
18 12 22 356 15 55.5 0.211 0.972 0.005 599. 232. -15.2 0.0280 0.83 0.25 2.62 129.0 10.0 289.2 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
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0.00 77. 1014. 0 ADJ-A1 NoSubs
18 12 22 356 17 -3.6 0.078 -9.000 -9.000 -999. 55. 12.1 0.0180 0.83 0.60 1.38 273.0 10.0 287.0 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
18 12 22 356 18 -4.0 0.082 -9.000 -9.000 -999. 56. 12.3 0.0230 0.83 1.00 1.38 108.0 10.0 286.4 2.0 0
0.00 83. 1015. 0 ADJ-A1 NoSubs
18 12 22 356 19 -8.0 0.115 -9.000 -9.000 -999. 94. 17.4 0.0230 0.83 1.00 1.94 107.0 10.0 285.9 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
18 12 22 356 20 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.83 1.00 1.76 103.0 10.0 284.9 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
18 12 22 356 21 -9.5 0.126 -9.000 -9.000 -999. 107. 18.9 0.0230 0.83 1.00 2.10 315.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
18 12 22 356 22 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.83 1.00 1.26 326.0 10.0 281.4 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
18 12 22 356 23 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0270 0.83 1.00 1.79 347.0 10.0 282.0 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 12 22 356 24 -13.7 0.153 -9.000 -9.000 -999. 143. 25.7 0.0270 0.83 1.00 2.45 338.0 10.0 282.0 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
18 12 23 357 1 -4.3 0.084 -9.000 -9.000 -999. 60. 12.5 0.0230 0.83 1.00 1.42 5.0 10.0 281.4 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
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0.00 95. 1017. 0 ADJ-A1 NoSubs
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0.00 89. 1017. 0 ADJ-A1 NoSubs
18 12 23 357 5 -1.8 0.062 -9.000 -9.000 -999. 37. 11.8 0.0270 0.83 1.00 0.80 355.0 10.0 281.4 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
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0.00 95. 1017. 3 ADJ-A1 NoSubs
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0.00 95. 1018. 0 ADJ-A1 NoSubs
18 12 23 357 9 2.8 0.095 0.154 0.011 46. 70. -27.6 0.0270 0.83 0.37 1.25 334.0 10.0 283.1 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
18 12 23 357 10 46.1 0.103 0.627 0.011 194. 79. -2.1 0.0210 0.83 0.26 1.08 227.0 10.0 283.1 2.0 0
0.00 89. 1020. 0 ADJ-A1 NoSubs
18 12 23 357 11 79.2 0.117 0.883 0.010 315. 96. -1.8 0.0170 0.83 0.22 1.26 184.0 10.0 286.4 2.0 0
0.00 66. 1019. 0 ADJ-A1 NoSubs
18 12 23 357 12 97.2 0.152 1.100 0.011 498. 142. -3.3 0.0310 0.83 0.20 1.55 162.0 10.0 288.1 2.0 0
0.00 59. 1018. 0 ADJ-A1 NoSubs
18 12 23 357 13 100.9 0.130 1.136 0.009 527. 113. -2.0 0.0170 0.83 0.20 1.42 185.0 10.0 289.2 2.0 0
0.00 53. 1017. 5 ADJ-A1 NoSubs
18 12 23 357 14 84.9 0.197 1.088 0.009 550. 210. -8.2 0.0210 0.83 0.21 2.44 234.0 10.0 288.8 2.0 0
0.00 64. 1017. 0 ADJ-A1 NoSubs
18 12 23 357 15 55.8 0.166 0.954 0.008 565. 162. -7.4 0.0180 0.83 0.25 2.10 264.0 10.0 289.2 2.0 0
0.00 61. 1017. 0 ADJ-A1 NoSubs
18 12 23 357 16 19.6 0.141 0.675 0.008 570. 128. -13.1 0.0180 0.83 0.34 1.89 245.0 10.0 287.5 2.0 0
0.00 71. 1017. 3 ADJ-A1 NoSubs
18 12 23 357 17 -4.0 0.083 -9.000 -9.000 -999. 58. 13.1 0.0180 0.83 0.59 1.47 254.0 10.0 285.4 2.0 0
0.00 80. 1017. 3 ADJ-A1 NoSubs
18 12 23 357 18 -2.6 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.83 1.00 1.06 322.0 10.0 286.4 2.0 0
0.00 77. 1018. 10 ADJ-A1 NoSubs
18 12 23 357 19 -2.6 0.067 -9.000 -9.000 -999. 42. 10.7 0.0200 0.83 1.00 1.09 88.0 10.0 284.9 2.0 0
0.00 89. 1018. 7 ADJ-A1 NoSubs
18 12 23 357 20 -5.3 0.094 -9.000 -9.000 -999. 69. 14.1 0.0270 0.83 1.00 1.55 331.0 10.0 285.4 2.0 0
0.00 86. 1018. 10 ADJ-A1 NoSubs
18 12 23 357 21 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0230 0.83 1.00 1.77 325.0 10.0 284.2 2.0 0
0.00 89. 1018. 7 ADJ-A1 NoSubs
18 12 23 357 22 -8.7 0.120 -9.000 -9.000 -999. 100. 18.0 0.0230 0.83 1.00 2.01 327.0 10.0 283.8 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
18 12 23 357 23 -7.9 0.115 -9.000 -9.000 -999. 93. 17.4 0.0270 0.83 1.00 1.88 341.0 10.0 282.5 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
18 12 23 357 24 -4.8 0.088 -9.000 -9.000 -999. 63. 13.1 0.0230 0.83 1.00 1.50 6.0 10.0 282.0 2.0 0
0.00 95. 1018. 0 ADJ-A1 NoSubs
18 12 24 358 1 -10.5 0.132 -9.000 -9.000 -999. 115. 20.0 0.0230 0.83 1.00 2.20 322.0 10.0 282.0 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
18 12 24 358 2 -10.1 0.130 -9.000 -9.000 -999. 112. 19.8 0.0270 0.83 1.00 2.11 335.0 10.0 280.9 2.0 0
0.00 95. 1018. 0 ADJ-A1 NoSubs
18 12 24 358 3 -7.5 0.112 -9.000 -9.000 -999. 90. 16.9 0.0270 0.83 1.00 1.84 330.0 10.0 281.4 2.0 0
0.00 92. 1018. 7 ADJ-A1 NoSubs
18 12 24 358 4 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 12.0 10.0 281.4 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
18 12 24 358 5 -3.0 0.071 -9.000 -9.000 -999. 45. 10.9 0.0200 0.83 1.00 1.18 69.0 10.0 282.0 2.0 0
0.00 85. 1016. 7 ADJ-A1 NoSubs
18 12 24 358 6 -5.5 0.095 -9.000 -9.000 -999. 71. 14.3 0.0280 0.83 1.00 1.57 130.0 10.0 281.4 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
18 12 24 358 7 -2.7 0.069 -9.000 -9.000 -999. 43. 11.0 0.0240 0.83 1.00 1.08 44.0 10.0 280.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 24 358 8 -3.0 0.072 -9.000 -9.000 -999. 47. 11.4 0.0270 0.83 0.70 1.14 358.0 10.0 281.4 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
18 12 24 358 9 -1.1 0.060 -9.000 -9.000 -999. 35. 16.9 0.0230 0.83 0.37 1.01 101.0 10.0 282.5 2.0 0
0.00 86. 1016. 10 ADJ-A1 NoSubs
18 12 24 358 10 8.6 0.127 0.275 0.008 86. 108. -21.2 0.0240 0.83 0.26 1.67 31.0 10.0 283.8 2.0 0
0.00 85. 1016. 10 ADJ-A1 NoSubs
18 12 24 358 11 17.2 0.104 0.415 0.008 151. 80. -5.9 0.0240 0.83 0.22 1.21 33.0 10.0 285.4 2.0 0

0.00 74. 1015. 10 ADJ-A1 NoSubs
18 12 24 358 12 21.7 0.109 0.519 0.008 233. 86. -5.3 0.0280 0.83 0.20 1.21 137.0 10.0 285.9 2.0 0
0.00 79. 1014. 10 ADJ-A1 NoSubs
18 12 24 358 13 21.9 0.132 0.603 0.009 362. 115. -9.4 0.0310 0.83 0.20 1.53 164.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
18 12 24 358 14 18.4 0.082 0.583 0.009 388. 57. -2.7 0.0230 0.83 0.21 0.87 321.0 10.0 284.9 2.0 11
1.30 100. 1011. 10 ADJ-A1 NoSubs
18 12 24 358 15 11.1 0.126 0.494 0.009 393. 107. -16.2 0.0240 0.83 0.25 1.62 31.0 10.0 284.9 2.0 11
0.80 100. 1011. 10 ADJ-A1 NoSubs
18 12 24 358 16 0.7 0.091 0.194 0.009 394. 66. -102.1 0.0240 0.83 0.33 1.31 45.0 10.0 284.9 2.0 11
4.80 100. 1009. 10 ADJ-A1 NoSubs
18 12 24 358 17 -29.5 0.327 -9.000 -9.000 -999. 449. 117.8 0.0180 0.83 0.59 5.39 277.0 10.0 287.0 2.0
11 1.00 100. 1009. 10 ADJ-A1 NoSubs
18 12 24 358 18 -28.5 0.290 -9.000 -9.000 -999. 375. 92.2 0.0180 0.83 1.00 4.80 277.0 10.0 286.4 2.0
11 0.80 96. 1009. 5 ADJ-A1 NoSubs
18 12 24 358 19 -9.9 0.128 -9.000 -9.000 -999. 133. 19.1 0.0180 0.83 1.00 2.22 272.0 10.0 285.4 2.0 0
0.00 96. 1008. 7 ADJ-A1 NoSubs
18 12 24 358 20 -15.2 0.160 -9.000 -9.000 -999. 154. 28.2 0.0180 0.83 1.00 2.73 275.0 10.0 284.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
18 12 24 358 21 -6.9 0.106 -9.000 -9.000 -999. 84. 15.6 0.0180 0.83 1.00 1.87 267.0 10.0 283.8 2.0 0
0.00 92. 1008. 3 ADJ-A1 NoSubs
18 12 24 358 22 -2.3 0.066 -9.000 -9.000 -999. 41. 11.2 0.0270 0.83 1.00 0.97 356.0 10.0 283.1 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
18 12 24 358 23 -4.9 0.091 -9.000 -9.000 -999. 65. 13.6 0.0270 0.83 1.00 1.50 358.0 10.0 282.5 2.0 11
2.00 100. 1007. 10 ADJ-A1 NoSubs
18 12 24 358 24 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.83 1.00 1.37 324.0 10.0 281.4 2.0 11
0.30 100. 1006. 5 ADJ-A1 NoSubs
18 12 25 359 1 -3.1 0.073 -9.000 -9.000 -999. 47. 11.4 0.0270 0.83 1.00 1.16 344.0 10.0 282.0 2.0 11
0.50 100. 1005. 10 ADJ-A1 NoSubs
18 12 25 359 2 -3.6 0.079 -9.000 -9.000 -999. 53. 12.0 0.0270 0.83 1.00 1.28 355.0 10.0 282.0 2.0 11
0.50 100. 1005. 10 ADJ-A1 NoSubs
18 12 25 359 3 -7.6 0.113 -9.000 -9.000 -999. 92. 17.1 0.0270 0.83 1.00 1.86 348.0 10.0 282.5 2.0 0
0.00 96. 1006. 7 ADJ-A1 NoSubs
18 12 25 359 4 -22.1 0.222 -9.000 -9.000 -999. 251. 54.3 0.0230 0.83 1.00 3.58 1.0 10.0 282.5 2.0 0
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0.00 73. 1007. 7 ADJ-A1 NoSubs
18 12 25 359 6 -21.0 0.212 -9.000 -9.000 -999. 234. 49.3 0.0230 0.83 1.00 3.42 318.0 10.0 283.8 2.0 0
0.00 73. 1008. 5 ADJ-A1 NoSubs
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18 12 25 359 8 -5.1 0.092 -9.000 -9.000 -999. 68. 14.0 0.0280 0.83 0.70 1.52 148.0 10.0 281.4 2.0 0
0.00 85. 1009. 3 ADJ-A1 NoSubs
18 12 25 359 9 2.3 0.107 0.227 0.005 179. 84. -47.3 0.0200 0.83 0.37 1.54 80.0 10.0 283.8 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
18 12 25 359 10 46.0 0.167 0.789 0.005 385. 164. -9.2 0.0310 0.83 0.26 1.94 152.0 10.0 284.9 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
18 12 25 359 11 79.0 0.129 1.090 0.005 591. 112. -2.5 0.0180 0.83 0.22 1.43 258.0 10.0 286.4 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
18 12 25 359 12 97.0 0.186 1.233 0.005 697. 193. -6.0 0.0170 0.83 0.20 2.33 189.0 10.0 287.5 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
18 12 25 359 13 99.1 0.215 1.284 0.005 770. 240. -9.1 0.0170 0.83 0.20 2.81 184.0 10.0 288.1 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
18 12 25 359 14 85.8 0.169 1.282 0.005 885. 167. -5.0 0.0280 0.83 0.21 1.86 142.0 10.0 289.9 2.0 0

0.00 47. 1009. 0 ADJ-A1 NoSubs
18 12 25 359 15 56.7 0.224 1.144 0.005 952. 254. -17.8 0.0270 0.83 0.24 2.84 344.0 10.0 289.9 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
18 12 25 359 16 15.0 0.166 0.738 0.005 968. 163. -27.5 0.0230 0.83 0.33 2.25 13.0 10.0 289.2 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
18 12 25 359 17 -5.3 0.096 -9.000 -9.000 -999. 73. 15.0 0.0180 0.83 0.59 1.69 278.0 10.0 285.4 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
18 12 25 359 18 -4.6 0.086 -9.000 -9.000 -999. 60. 12.6 0.0180 0.83 1.00 1.52 293.0 10.0 284.2 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
18 12 25 359 19 -12.9 0.149 -9.000 -9.000 -999. 138. 24.3 0.0270 0.83 1.00 2.39 344.0 10.0 281.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
18 12 25 359 20 -11.7 0.140 -9.000 -9.000 -999. 126. 21.6 0.0230 0.83 1.00 2.32 327.0 10.0 281.4 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
18 12 25 359 21 -14.9 0.159 -9.000 -9.000 -999. 153. 28.0 0.0270 0.83 1.00 2.55 339.0 10.0 279.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
18 12 25 359 22 -11.3 0.137 -9.000 -9.000 -999. 122. 20.8 0.0230 0.83 1.00 2.28 319.0 10.0 279.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
18 12 25 359 23 -15.0 0.160 -9.000 -9.000 -999. 154. 28.2 0.0270 0.83 1.00 2.56 335.0 10.0 279.9 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
18 12 25 359 24 -6.6 0.104 -9.000 -9.000 -999. 81. 15.3 0.0230 0.83 1.00 1.76 312.0 10.0 279.2 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
18 12 26 360 1 -4.3 0.084 -9.000 -9.000 -999. 58. 12.4 0.0230 0.83 1.00 1.42 22.0 10.0 278.1 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
18 12 26 360 2 -7.5 0.112 -9.000 -9.000 -999. 90. 16.8 0.0270 0.83 1.00 1.84 351.0 10.0 278.8 2.0 0
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18 12 26 360 3 -11.7 0.141 -9.000 -9.000 -999. 127. 21.7 0.0270 0.83 1.00 2.27 356.0 10.0 277.5 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
18 12 26 360 4 -9.4 0.125 -9.000 -9.000 -999. 106. 18.9 0.0270 0.83 1.00 2.04 337.0 10.0 278.1 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 12 26 360 5 -13.2 0.149 -9.000 -9.000 -999. 139. 24.5 0.0270 0.83 1.00 2.40 337.0 10.0 277.5 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
18 12 26 360 6 -6.4 0.102 -9.000 -9.000 -999. 79. 15.2 0.0270 0.83 1.00 1.69 349.0 10.0 275.9 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
18 12 26 360 7 -12.4 0.145 -9.000 -9.000 -999. 132. 23.0 0.0270 0.83 1.00 2.33 338.0 10.0 276.4 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
18 12 26 360 8 -9.6 0.127 -9.000 -9.000 -999. 108. 19.2 0.0270 0.83 0.70 2.06 336.0 10.0 277.5 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
18 12 26 360 9 1.2 0.071 0.080 0.009 15. 46. -26.5 0.0180 0.83 0.37 1.01 264.0 10.0 279.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
18 12 26 360 10 45.1 0.120 0.597 0.008 171. 99. -3.4 0.0230 0.83 0.26 1.31 95.0 10.0 282.0 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
18 12 26 360 11 78.1 0.133 0.873 0.006 309. 117. -2.8 0.0230 0.83 0.22 1.42 19.0 10.0 283.8 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
18 12 26 360 12 96.4 0.107 1.051 0.005 437. 84. -1.1 0.0230 0.83 0.20 0.99 327.0 10.0 285.4 2.0 0
0.00 63. 1015. 0 ADJ-A1 NoSubs
18 12 26 360 13 98.7 0.138 1.162 0.005 575. 123. -2.4 0.0280 0.83 0.20 1.38 133.0 10.0 286.4 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
18 12 26 360 14 85.4 0.188 1.168 0.009 674. 195. -7.0 0.0310 0.83 0.21 2.11 173.0 10.0 288.1 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
18 12 26 360 15 56.1 0.202 1.042 0.009 729. 217. -13.2 0.0210 0.83 0.24 2.62 212.0 10.0 287.0 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
18 12 26 360 16 14.5 0.169 0.671 0.009 754. 167. -30.2 0.0310 0.83 0.33 2.18 179.0 10.0 286.4 2.0 0
0.00 64. 1014. 0 ADJ-A1 NoSubs
18 12 26 360 17 -2.7 0.070 -9.000 -9.000 -999. 50. 11.3 0.0210 0.83 0.58 1.18 214.0 10.0 285.4 2.0 0

0.00 71. 1015. 0 ADJ-A1 NoSubs
18 12 26 360 18 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0230 0.83 1.00 1.77 318.0 10.0 283.1 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
18 12 26 360 19 -9.7 0.128 -9.000 -9.000 -999. 110. 19.5 0.0270 0.83 1.00 2.08 332.0 10.0 282.0 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 12 26 360 20 -14.2 0.155 -9.000 -9.000 -999. 147. 26.6 0.0270 0.83 1.00 2.49 334.0 10.0 281.4 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
18 12 26 360 21 -11.8 0.141 -9.000 -9.000 -999. 128. 22.0 0.0270 0.83 1.00 2.28 332.0 10.0 280.9 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
18 12 26 360 22 -10.0 0.129 -9.000 -9.000 -999. 111. 19.6 0.0270 0.83 1.00 2.10 340.0 10.0 279.2 2.0 0
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0.00 54. 1015. 0 ADJ-A1 NoSubs
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0.00 36. 1017. 0 ADJ-A1 NoSubs
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0.00 31. 1018. 0 ADJ-A1 NoSubs
18 12 28 362 10 45.4 0.216 0.767 0.005 361. 241. -20.2 0.0240 0.83 0.26 2.84 43.0 10.0 284.2 2.0 0
0.00 31. 1018. 0 ADJ-A1 NoSubs
18 12 28 362 11 78.8 0.243 1.100 0.005 614. 287. -16.5 0.0200 0.83 0.22 3.25 70.0 10.0 286.4 2.0 0
0.00 27. 1018. 0 ADJ-A1 NoSubs
18 12 28 362 12 97.0 0.252 1.303 0.006 828. 304. -15.0 0.0200 0.83 0.20 3.34 69.0 10.0 287.0 2.0 0
0.00 27. 1017. 0 ADJ-A1 NoSubs
18 12 28 362 13 99.5 0.267 1.389 0.006 977. 332. -17.4 0.0200 0.83 0.20 3.59 70.0 10.0 287.5 2.0 0
0.00 26. 1016. 0 ADJ-A1 NoSubs
18 12 28 362 14 85.8 0.209 1.336 0.006 1008. 230. -9.6 0.0170 0.83 0.21 2.74 190.0 10.0 287.0 2.0 0
0.00 33. 1017. 0 ADJ-A1 NoSubs
18 12 28 362 15 57.1 0.220 1.175 0.006 1029. 248. -16.9 0.0180 0.83 0.24 3.01 262.0 10.0 287.5 2.0 0
0.00 32. 1017. 0 ADJ-A1 NoSubs
18 12 28 362 16 15.3 0.192 0.759 0.005 1033. 201. -41.6 0.0180 0.83 0.33 2.78 264.0 10.0 285.9 2.0 0
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18 12 28 362 17 -5.6 0.100 -9.000 -9.000 -999. 79. 16.1 0.0230 0.83 0.57 1.69 315.0 10.0 285.9 2.0 0
0.00 27. 1017. 0 ADJ-A1 NoSubs
18 12 28 362 18 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.83 1.00 1.30 351.0 10.0 283.1 2.0 0
0.00 35. 1018. 0 ADJ-A1 NoSubs
18 12 28 362 19 -3.2 0.073 -9.000 -9.000 -999. 47. 10.8 0.0170 0.83 1.00 1.26 198.0 10.0 281.4 2.0 0
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0.00 50. 1019. 0 ADJ-A1 NoSubs
18 12 28 362 21 -6.1 0.100 -9.000 -9.000 -999. 76. 14.9 0.0270 0.83 1.00 1.65 355.0 10.0 278.8 2.0 0
0.00 54. 1019. 0 ADJ-A1 NoSubs
18 12 28 362 22 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0270 0.83 1.00 2.30 342.0 10.0 278.1 2.0 0
0.00 59. 1020. 0 ADJ-A1 NoSubs
18 12 28 362 23 -13.1 0.149 -9.000 -9.000 -999. 138. 24.3 0.0270 0.83 1.00 2.39 331.0 10.0 277.5 2.0 0

0.00 59. 1020. 0 ADJ-A1 NoSubs
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0.00 69. 1020. 0 ADJ-A1 NoSubs
18 12 29 363 1 -8.9 0.121 -9.000 -9.000 -999. 101. 18.2 0.0270 0.83 1.00 1.98 340.0 10.0 276.4 2.0 0
0.00 67. 1020. 0 ADJ-A1 NoSubs
18 12 29 363 2 -6.8 0.104 -9.000 -9.000 -999. 81. 15.3 0.0230 0.83 1.00 1.77 327.0 10.0 275.4 2.0 0
0.00 72. 1021. 0 ADJ-A1 NoSubs
18 12 29 363 3 -3.0 0.072 -9.000 -9.000 -999. 46. 11.0 0.0230 0.83 1.00 1.16 318.0 10.0 274.9 2.0 0
0.00 75. 1021. 0 ADJ-A1 NoSubs
18 12 29 363 4 -4.0 0.081 -9.000 -9.000 -999. 56. 12.2 0.0270 0.83 1.00 1.33 330.0 10.0 274.9 2.0 0
0.00 75. 1021. 0 ADJ-A1 NoSubs
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0.00 78. 1021. 0 ADJ-A1 NoSubs
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0.00 84. 1022. 0 ADJ-A1 NoSubs
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0.00 81. 1023. 0 ADJ-A1 NoSubs
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0.00 69. 1024. 0 ADJ-A1 NoSubs
18 12 29 363 10 44.4 0.131 0.467 0.006 84. 114. -4.6 0.0230 0.83 0.26 1.50 101.0 10.0 280.4 2.0 0
0.00 60. 1023. 0 ADJ-A1 NoSubs
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0.00 47. 1022. 0 ADJ-A1 NoSubs
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0.00 40. 1021. 0 ADJ-A1 NoSubs
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0.00 41. 1020. 0 ADJ-A1 NoSubs
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0.00 85. 1020. 3 ADJ-A1 NoSubs
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18 12 30 364 8 -8.2 0.117 -9.000 -9.000 -999. 95. 17.5 0.0270 0.83 0.71 1.91 353.0 10.0 275.9 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
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0.00 85. 1018. 0 ADJ-A1 NoSubs
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0.00 63. 1015. 0 ADJ-A1 NoSubs
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0.00 61. 1014. 0 ADJ-A1 NoSubs
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0.00 63. 1014. 0 ADJ-A1 NoSubs
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0.00 96. 1010. 0 ADJ-A1 NoSubs
18 12 31 365 4 -8.4 0.119 -9.000 -9.000 -999. 98. 17.8 0.0270 0.83 1.00 1.94 331.0 10.0 277.0 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
18 12 31 365 5 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0270 0.83 1.00 1.28 354.0 10.0 276.4 2.0 0

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18 12 31 365 6 -4.1 0.081 -9.000 -9.000 -999. 56. 11.8 0.0180 0.83 1.00 1.43 275.0 10.0 277.5 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
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0.00 100. 1010. 0 ADJ-A1 NoSubs
18 12 31 365 8 -10.1 0.131 -9.000 -9.000 -999. 113. 19.9 0.0270 0.83 0.72 2.12 339.0 10.0 278.8 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
18 12 31 365 9 0.9 0.212 0.067 0.007 12. 235. -925.7 0.0270 0.83 0.38 3.12 339.0 10.0 282.5 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
18 12 31 365 10 45.4 0.288 0.688 0.005 258. 371. -47.5 0.0270 0.83 0.26 3.92 350.0 10.0 284.9 2.0 0
0.00 33. 1010. 0 ADJ-A1 NoSubs
18 12 31 365 11 78.8 0.259 0.924 0.005 360. 317. -19.9 0.0230 0.83 0.22 3.43 4.0 10.0 285.9 2.0 0
0.00 29. 1009. 0 ADJ-A1 NoSubs
18 12 31 365 12 97.4 0.353 1.073 0.005 456. 503. -40.6 0.0270 0.83 0.20 4.76 341.0 10.0 286.4 2.0 0
0.00 29. 1007. 0 ADJ-A1 NoSubs
18 12 31 365 13 100.2 0.428 1.225 0.005 659. 671. -70.2 0.0230 0.83 0.20 6.11 2.0 10.0 287.0 2.0 0
0.00 26. 1008. 0 ADJ-A1 NoSubs
18 12 31 365 14 86.8 0.414 1.226 0.006 763. 639. -73.4 0.0230 0.83 0.21 5.92 13.0 10.0 286.4 2.0 0
0.00 26. 1008. 0 ADJ-A1 NoSubs
18 12 31 365 15 58.4 0.477 1.104 0.007 831. 791. -167.8 0.0270 0.83 0.24 6.84 360.0 10.0 286.4 2.0 0
0.00 26. 1009. 0 ADJ-A1 NoSubs
18 12 31 365 16 17.0 0.277 0.739 0.007 852. 385. -112.4 0.0230 0.83 0.32 4.03 13.0 10.0 285.9 2.0 0
0.00 28. 1009. 0 ADJ-A1 NoSubs
18 12 31 365 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0270 0.83 0.56 4.95 359.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
18 12 31 365 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0230 0.83 1.00 2.08 322.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
18 12 31 365 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0230 0.83 1.00 2.91 8.0 10.0 999.0 -9.0
9999 -9.00 999. 1007. 99 ADJ-A1 NoSubs
18 12 31 365 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
18 12 31 365 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
18 12 31 365 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
18 12 31 365 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
18 12 31 365 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.83 1.00 999.00 999.0 -9.0 999.0 -9.0
9999 -9.00 999. 1007. 99 NAD NoSubs
19 1 1 1 1 -7.8 0.113 -9.000 -9.000 -999. 91. 16.9 0.0270 0.47 1.00 1.86 347.0 10.0 275.4 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
19 1 1 1 2 -11.6 0.139 -9.000 -9.000 -999. 125. 21.3 0.0270 0.47 1.00 2.25 339.0 10.0 274.2 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
19 1 1 1 3 -6.2 0.101 -9.000 -9.000 -999. 77. 14.9 0.0270 0.47 1.00 1.67 339.0 10.0 273.8 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
19 1 1 1 4 -12.4 0.143 -9.000 -9.000 -999. 130. 22.5 0.0230 0.47 1.00 2.37 327.0 10.0 274.2 2.0 0
0.00 72. 1014. 0 ADJ-A1 NoSubs
19 1 1 1 5 -3.2 0.073 -9.000 -9.000 -999. 49. 11.4 0.0270 0.47 1.00 1.16 351.0 10.0 273.1 2.0 0
0.00 75. 1015. 0 ADJ-A1 NoSubs
19 1 1 1 6 -8.9 0.121 -9.000 -9.000 -999. 101. 18.1 0.0270 0.47 1.00 1.98 342.0 10.0 273.1 2.0 0
0.00 81. 1016. 0 ADJ-A1 NoSubs
19 1 1 1 7 -8.5 0.118 -9.000 -9.000 -999. 98. 17.7 0.0270 0.47 1.00 1.94 341.0 10.0 273.8 2.0 0
0.00 77. 1017. 0 ADJ-A1 NoSubs
19 1 1 1 8 -5.0 0.090 -9.000 -9.000 -999. 65. 13.1 0.0230 0.47 0.72 1.53 325.0 10.0 273.1 2.0 0

0.00 78. 1018. 0 ADJ-A1 NoSubs
19 1 1 1 9 -0.1 0.083 -9.000 -9.000 -999. 57. 516.2 0.0230 0.47 0.38 1.28 25.0 10.0 276.4 2.0 0
0.00 67. 1019. 0 ADJ-A1 NoSubs
19 1 1 1 10 31.4 0.207 0.912 0.006 876. 226. -25.6 0.0200 0.47 0.26 2.86 82.0 10.0 281.4 2.0 0
0.00 43. 1018. 0 ADJ-A1 NoSubs
19 1 1 1 11 55.4 0.384 1.148 0.011 991. 571. -92.9 0.0230 0.47 0.22 5.55 102.0 10.0 284.2 2.0 0
0.00 33. 1018. 0 ADJ-A1 NoSubs
19 1 1 1 12 68.7 0.243 1.284 0.012 1118. 301. -18.9 0.0230 0.47 0.20 3.20 109.0 10.0 285.4 2.0 0
0.00 29. 1017. 0 ADJ-A1 NoSubs
19 1 1 1 13 70.8 0.209 1.319 0.012 1178. 230. -11.7 0.0230 0.47 0.20 2.64 113.0 10.0 285.9 2.0 0
0.00 33. 1017. 0 ADJ-A1 NoSubs
19 1 1 1 14 61.7 0.189 1.264 0.011 1189. 197. -9.9 0.0170 0.47 0.21 2.49 191.0 10.0 286.4 2.0 0
0.00 27. 1016. 0 ADJ-A1 NoSubs
19 1 1 1 15 41.7 0.166 1.112 0.011 1197. 162. -9.9 0.0170 0.47 0.24 2.18 189.0 10.0 286.4 2.0 0
0.00 35. 1016. 0 ADJ-A1 NoSubs
19 1 1 1 16 12.4 0.186 0.744 0.011 1199. 192. -46.6 0.0180 0.47 0.32 2.71 265.0 10.0 285.4 2.0 0
0.00 37. 1016. 0 ADJ-A1 NoSubs
19 1 1 1 17 -4.9 0.093 -9.000 -9.000 -999. 72. 14.9 0.0180 0.47 0.55 1.64 286.0 10.0 283.1 2.0 0
0.00 49. 1017. 0 ADJ-A1 NoSubs
19 1 1 1 18 -8.2 0.117 -9.000 -9.000 -999. 95. 17.4 0.0230 0.47 1.00 1.96 315.0 10.0 280.9 2.0 0
0.00 60. 1017. 0 ADJ-A1 NoSubs
19 1 1 1 19 -9.8 0.128 -9.000 -9.000 -999. 110. 19.3 0.0270 0.47 1.00 2.08 337.0 10.0 276.4 2.0 0
0.00 78. 1018. 0 ADJ-A1 NoSubs
19 1 1 1 20 -11.8 0.140 -9.000 -9.000 -999. 126. 21.5 0.0230 0.47 1.00 2.32 327.0 10.0 278.8 2.0 0
0.00 64. 1018. 0 ADJ-A1 NoSubs
19 1 1 1 21 -11.6 0.139 -9.000 -9.000 -999. 125. 21.3 0.0270 0.47 1.00 2.25 338.0 10.0 277.5 2.0 0
0.00 67. 1018. 0 ADJ-A1 NoSubs
19 1 1 1 22 -10.2 0.129 -9.000 -9.000 -999. 112. 19.4 0.0230 0.47 1.00 2.16 324.0 10.0 277.0 2.0 0
0.00 64. 1018. 0 ADJ-A1 NoSubs
19 1 1 1 23 -6.8 0.104 -9.000 -9.000 -999. 81. 15.3 0.0230 0.47 1.00 1.77 319.0 10.0 274.2 2.0 0
0.00 78. 1018. 0 ADJ-A1 NoSubs
19 1 1 1 24 -6.4 0.101 -9.000 -9.000 -999. 77. 14.8 0.0230 0.47 1.00 1.72 321.0 10.0 275.4 2.0 0
0.00 69. 1018. 0 ADJ-A1 NoSubs
19 1 2 2 1 -8.1 0.115 -9.000 -9.000 -999. 93. 16.9 0.0230 0.47 1.00 1.93 328.0 10.0 274.9 2.0 0
0.00 72. 1019. 0 ADJ-A1 NoSubs
19 1 2 2 2 -4.9 0.090 -9.000 -9.000 -999. 64. 13.2 0.0270 0.47 1.00 1.48 347.0 10.0 274.2 2.0 0
0.00 75. 1019. 0 ADJ-A1 NoSubs
19 1 2 2 3 -5.5 0.095 -9.000 -9.000 -999. 70. 14.0 0.0270 0.47 1.00 1.57 338.0 10.0 273.1 2.0 0
0.00 81. 1019. 0 ADJ-A1 NoSubs
19 1 2 2 4 -2.0 0.063 -9.000 -9.000 -999. 38. 11.3 0.0230 0.47 1.00 0.86 318.0 10.0 273.1 2.0 0
0.00 81. 1018. 0 ADJ-A1 NoSubs
19 1 2 2 5 -7.2 0.109 -9.000 -9.000 -999. 86. 16.1 0.0270 0.47 1.00 1.79 330.0 10.0 273.1 2.0 0
0.00 78. 1018. 0 ADJ-A1 NoSubs
19 1 2 2 6 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0270 0.47 1.00 1.23 334.0 10.0 272.0 2.0 0
0.00 88. 1018. 0 ADJ-A1 NoSubs
19 1 2 2 7 -3.9 0.079 -9.000 -9.000 -999. 53. 11.4 0.0180 0.47 1.00 1.38 299.0 10.0 273.1 2.0 0
0.00 81. 1018. 0 ADJ-A1 NoSubs
19 1 2 2 8 -3.6 0.077 -9.000 -9.000 -999. 51. 11.2 0.0180 0.47 0.72 1.33 299.0 10.0 274.2 2.0 0
0.00 75. 1019. 0 ADJ-A1 NoSubs
19 1 2 2 9 -0.1 0.056 -9.000 -9.000 -999. 32. 198.3 0.0180 0.47 0.38 0.91 289.0 10.0 276.4 2.0 0
0.00 69. 1020. 0 ADJ-A1 NoSubs
19 1 2 2 10 31.2 0.120 0.437 0.013 97. 100. -5.1 0.0280 0.47 0.26 1.33 144.0 10.0 279.9 2.0 0
0.00 52. 1020. 0 ADJ-A1 Sub_CC
19 1 2 2 11 55.2 0.192 0.660 0.010 189. 202. -11.6 0.0230 0.47 0.22 2.42 108.0 10.0 282.5 2.0 0

0.00 45. 1019. 0 ADJ-A1 NoSubs
19 1 2 2 12 68.8 0.207 0.816 0.009 287. 226. -11.7 0.0230 0.47 0.20 2.61 116.0 10.0 284.9 2.0 0
0.00 39. 1018. 0 ADJ-A1 NoSubs
19 1 2 2 13 71.3 0.202 0.878 0.007 344. 218. -10.5 0.0280 0.47 0.20 2.42 131.0 10.0 287.0 2.0 0
0.00 32. 1017. 0 ADJ-A1 NoSubs
19 1 2 2 14 62.3 0.164 0.873 0.006 387. 159. -6.4 0.0280 0.47 0.21 1.86 134.0 10.0 287.5 2.0 0
0.00 29. 1016. 0 ADJ-A1 NoSubs
19 1 2 2 15 42.2 0.184 0.787 0.005 418. 190. -13.5 0.0210 0.47 0.24 2.40 234.0 10.0 287.0 2.0 0
0.00 39. 1016. 0 ADJ-A1 NoSubs
19 1 2 2 16 13.1 0.182 0.537 0.005 428. 186. -41.6 0.0180 0.47 0.32 2.64 264.0 10.0 286.4 2.0 0
0.00 39. 1016. 0 ADJ-A1 NoSubs
19 1 2 2 17 -9.2 0.130 -9.000 -9.000 -999. 113. 21.5 0.0180 0.47 0.55 2.23 288.0 10.0 283.8 2.0 0
0.00 42. 1017. 0 ADJ-A1 NoSubs
19 1 2 2 18 -6.4 0.103 -9.000 -9.000 -999. 79. 15.2 0.0230 0.47 1.00 1.74 320.0 10.0 282.0 2.0 0
0.00 53. 1017. 0 ADJ-A1 NoSubs
19 1 2 2 19 -7.2 0.109 -9.000 -9.000 -999. 86. 16.3 0.0270 0.47 1.00 1.79 336.0 10.0 279.9 2.0 0
0.00 67. 1018. 0 ADJ-A1 NoSubs
19 1 2 2 20 -9.8 0.128 -9.000 -9.000 -999. 110. 19.4 0.0270 0.47 1.00 2.08 348.0 10.0 279.2 2.0 0
0.00 70. 1019. 0 ADJ-A1 NoSubs
19 1 2 2 21 -10.3 0.131 -9.000 -9.000 -999. 114. 19.9 0.0270 0.47 1.00 2.13 333.0 10.0 278.1 2.0 0
0.00 73. 1019. 0 ADJ-A1 NoSubs
19 1 2 2 22 -7.8 0.113 -9.000 -9.000 -999. 91. 17.0 0.0270 0.47 1.00 1.86 339.0 10.0 277.5 2.0 0
0.00 76. 1019. 0 ADJ-A1 NoSubs
19 1 2 2 23 -10.4 0.131 -9.000 -9.000 -999. 113. 19.6 0.0230 0.47 1.00 2.18 325.0 10.0 277.5 2.0 0
0.00 76. 1019. 0 ADJ-A1 NoSubs
19 1 2 2 24 -3.6 0.078 -9.000 -9.000 -999. 53. 11.8 0.0270 0.47 1.00 1.26 335.0 10.0 275.9 2.0 0
0.00 81. 1019. 0 ADJ-A1 NoSubs
19 1 3 3 1 -7.0 0.107 -9.000 -9.000 -999. 84. 15.9 0.0270 0.47 1.00 1.76 339.0 10.0 275.9 2.0 0
0.00 81. 1019. 0 ADJ-A1 NoSubs
19 1 3 3 2 -4.2 0.082 -9.000 -9.000 -999. 57. 12.2 0.0240 0.47 1.00 1.38 32.0 10.0 276.4 2.0 0
0.00 75. 1018. 0 ADJ-A1 NoSubs
19 1 3 3 3 -2.5 0.067 -9.000 -9.000 -999. 41. 10.9 0.0230 0.47 1.00 1.01 317.0 10.0 274.9 2.0 0
0.00 84. 1018. 0 ADJ-A1 NoSubs
19 1 3 3 4 -6.9 0.106 -9.000 -9.000 -999. 82. 15.5 0.0230 0.47 1.00 1.79 305.0 10.0 275.4 2.0 0
0.00 78. 1018. 0 ADJ-A1 NoSubs
19 1 3 3 5 -4.8 0.088 -9.000 -9.000 -999. 63. 12.9 0.0230 0.47 1.00 1.50 310.0 10.0 274.2 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
19 1 3 3 6 -4.3 0.084 -9.000 -9.000 -999. 58. 12.5 0.0270 0.47 1.00 1.38 341.0 10.0 273.8 2.0 0
0.00 88. 1018. 0 ADJ-A1 NoSubs
19 1 3 3 7 -7.2 0.108 -9.000 -9.000 -999. 85. 15.8 0.0230 0.47 1.00 1.82 308.0 10.0 274.2 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
19 1 3 3 8 -2.7 0.068 -9.000 -9.000 -999. 43. 10.5 0.0180 0.47 0.72 1.11 294.0 10.0 273.1 2.0 0
0.00 88. 1018. 0 ADJ-A1 NoSubs
19 1 3 3 9 -0.1 0.144 -9.000 -9.000 -999. 131. 2609.6 0.0240 0.47 0.38 2.18 33.0 10.0 277.5 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
19 1 3 3 10 31.4 0.115 0.446 0.011 102. 94. -4.5 0.0230 0.47 0.26 1.31 114.0 10.0 280.4 2.0 0
0.00 62. 1019. 0 ADJ-A1 NoSubs
19 1 3 3 11 55.7 0.142 0.640 0.010 171. 128. -4.7 0.0280 0.47 0.22 1.55 140.0 10.0 284.2 2.0 0
0.00 49. 1018. 0 ADJ-A1 NoSubs
19 1 3 3 12 69.4 0.163 0.835 0.010 304. 158. -5.7 0.0310 0.47 0.20 1.79 172.0 10.0 286.4 2.0 0
0.00 45. 1017. 0 ADJ-A1 NoSubs
19 1 3 3 13 71.9 0.151 0.939 0.014 416. 141. -4.4 0.0280 0.47 0.20 1.64 135.0 10.0 288.1 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
19 1 3 3 14 63.2 0.170 0.953 0.015 496. 168. -7.0 0.0230 0.47 0.21 2.04 119.0 10.0 289.9 2.0 0

0.00 34. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 15 42.9 0.158 0.862 0.015 540. 151. -8.3 0.0210 0.47 0.24 1.96 228.0 10.0 288.1 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 16 14.0 0.114 0.599 0.015 554. 93. -9.6 0.0180 0.47 0.32 1.48 248.0 10.0 288.1 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 17 -7.0 0.113 -9.000 -9.000 -999. 91. 18.7 0.0180 0.47 0.54 1.96 255.0 10.0 283.8 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 18 -3.0 0.071 -9.000 -9.000 -999. 46. 10.8 0.0180 0.47 1.00 1.21 292.0 10.0 282.0 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 19 -6.4 0.103 -9.000 -9.000 -999. 79. 15.4 0.0270 0.47 1.00 1.70 344.0 10.0 281.4 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 20 -8.6 0.120 -9.000 -9.000 -999. 100. 18.1 0.0270 0.47 1.00 1.96 338.0 10.0 280.4 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 21 -11.7 0.140 -9.000 -9.000 -999. 126. 21.5 0.0230 0.47 1.00 2.32 323.0 10.0 279.2 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 22 -12.3 0.143 -9.000 -9.000 -999. 130. 22.6 0.0230 0.47 1.00 2.37 326.0 10.0 279.2 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 23 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.47 1.00 1.37 323.0 10.0 278.8 2.0 0
0.00 78. 1014. 0 ADJ-A1 NoSubs
19 1 3 3 24 -8.2 0.117 -9.000 -9.000 -999. 95. 17.5 0.0270 0.47 1.00 1.91 342.0 10.0 276.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
19 1 4 4 1 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0270 0.47 1.00 1.70 343.0 10.0 277.0 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
19 1 4 4 2 -10.1 0.130 -9.000 -9.000 -999. 112. 19.6 0.0270 0.47 1.00 2.11 358.0 10.0 275.9 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
19 1 4 4 3 -6.2 0.101 -9.000 -9.000 -999. 77. 15.0 0.0270 0.47 1.00 1.67 332.0 10.0 275.9 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
19 1 4 4 4 -3.9 0.080 -9.000 -9.000 -999. 55. 11.9 0.0230 0.47 1.00 1.35 320.0 10.0 274.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 1 4 4 5 -5.3 0.093 -9.000 -9.000 -999. 68. 13.8 0.0270 0.47 1.00 1.54 343.0 10.0 274.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 1 4 4 6 -3.0 0.072 -9.000 -9.000 -999. 46. 11.0 0.0230 0.47 1.00 1.16 312.0 10.0 274.9 2.0 0
0.00 88. 1011. 0 ADJ-A1 NoSubs
19 1 4 4 7 -4.0 0.081 -9.000 -9.000 -999. 56. 12.0 0.0230 0.47 1.00 1.37 326.0 10.0 273.8 2.0 0
0.00 91. 1011. 0 ADJ-A1 NoSubs
19 1 4 4 8 -4.8 0.088 -9.000 -9.000 -999. 63. 12.8 0.0210 0.47 0.72 1.52 237.0 10.0 274.9 2.0 0
0.00 88. 1011. 0 ADJ-A1 NoSubs
19 1 4 4 9 0.1 0.107 0.015 0.012 1. 84. -1061.8 0.0270 0.47 0.38 1.57 347.0 10.0 279.2 2.0 0
0.00 73. 1012. 0 ADJ-A1 NoSubs
19 1 4 4 10 35.6 0.137 0.506 0.012 131. 122. -6.6 0.0240 0.47 0.26 1.62 43.0 10.0 282.0 2.0 0
0.00 62. 1012. 3 ADJ-A1 NoSubs
19 1 4 4 11 56.0 0.145 0.693 0.011 214. 133. -4.9 0.0230 0.47 0.22 1.67 21.0 10.0 285.4 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 1 4 4 12 73.3 0.180 0.854 0.010 306. 183. -7.2 0.0180 0.47 0.20 2.27 289.0 10.0 287.5 2.0 0
0.00 69. 1010. 3 ADJ-A1 NoSubs
19 1 4 4 13 72.8 0.290 0.924 0.009 390. 375. -30.2 0.0210 0.47 0.20 4.02 224.0 10.0 286.4 2.0 0
0.00 74. 1010. 5 ADJ-A1 NoSubs
19 1 4 4 14 64.5 0.270 0.932 0.008 452. 338. -27.6 0.0180 0.47 0.21 3.83 244.0 10.0 286.4 2.0 0
0.00 74. 1009. 5 ADJ-A1 NoSubs
19 1 4 4 15 46.7 0.266 0.862 0.007 492. 329. -36.2 0.0180 0.47 0.24 3.83 249.0 10.0 285.9 2.0 0
0.00 76. 1009. 3 ADJ-A1 NoSubs
19 1 4 4 16 13.9 0.219 0.579 0.007 503. 246. -67.6 0.0180 0.47 0.32 3.25 265.0 10.0 285.4 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 1 4 4 17 -10.0 0.140 -9.000 -9.000 -999. 128. 24.9 0.0180 0.47 0.54 2.39 278.0 10.0 284.2 2.0 0

0.00 82. 1008. 3 ADJ-A1 NoSubs
19 1 4 4 18 -5.6 0.097 -9.000 -9.000 -999. 72. 14.5 0.0270 0.47 1.00 1.60 330.0 10.0 283.8 2.0 0
0.00 85. 1008. 7 ADJ-A1 NoSubs
19 1 4 4 19 -8.2 0.118 -9.000 -9.000 -999. 97. 17.9 0.0270 0.47 1.00 1.93 337.0 10.0 282.5 2.0 0
0.00 92. 1008. 3 ADJ-A1 NoSubs
19 1 4 4 20 -13.6 0.153 -9.000 -9.000 -999. 143. 25.7 0.0270 0.47 1.00 2.45 340.0 10.0 282.5 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 1 4 4 21 -16.2 0.168 -9.000 -9.000 -999. 165. 30.9 0.0270 0.47 1.00 2.67 338.0 10.0 280.9 2.0 0
0.00 95. 1007. 0 ADJ-A1 NoSubs
19 1 4 4 22 -7.5 0.111 -9.000 -9.000 -999. 90. 16.5 0.0230 0.47 1.00 1.88 328.0 10.0 279.9 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
19 1 4 4 23 -7.3 0.109 -9.000 -9.000 -999. 86. 15.9 0.0180 0.47 1.00 1.91 298.0 10.0 280.9 2.0 0
0.00 95. 1007. 0 ADJ-A1 NoSubs
19 1 4 4 24 -9.8 0.127 -9.000 -9.000 -999. 108. 18.7 0.0170 0.47 1.00 2.22 188.0 10.0 281.4 2.0 0
0.00 70. 1006. 0 ADJ-A1 NoSubs
19 1 5 5 1 -5.4 0.093 -9.000 -9.000 -999. 68. 13.5 0.0180 0.47 1.00 1.65 293.0 10.0 280.4 2.0 0
0.00 79. 1005. 0 ADJ-A1 NoSubs
19 1 5 5 2 -4.9 0.091 -9.000 -9.000 -999. 66. 13.5 0.0270 0.47 1.00 1.50 344.0 10.0 278.1 2.0 0
0.00 92. 1005. 0 ADJ-A1 NoSubs
19 1 5 5 3 -3.4 0.075 -9.000 -9.000 -999. 50. 11.4 0.0230 0.47 1.00 1.25 4.0 10.0 279.2 2.0 0
0.00 85. 1004. 0 ADJ-A1 NoSubs
19 1 5 5 4 -5.6 0.097 -9.000 -9.000 -999. 72. 14.4 0.0270 0.47 1.00 1.60 346.0 10.0 279.2 2.0 0
0.00 88. 1004. 0 ADJ-A1 NoSubs
19 1 5 5 5 -6.9 0.107 -9.000 -9.000 -999. 84. 15.8 0.0230 0.47 1.00 1.81 9.0 10.0 279.2 2.0 0
0.00 88. 1004. 10 ADJ-A1 NoSubs
19 1 5 5 6 -12.3 0.145 -9.000 -9.000 -999. 133. 23.1 0.0240 0.47 1.00 2.38 47.0 10.0 280.4 2.0 0
0.00 85. 1003. 10 ADJ-A1 NoSubs
19 1 5 5 7 -5.1 0.092 -9.000 -9.000 -999. 67. 13.6 0.0240 0.47 1.00 1.55 43.0 10.0 281.4 2.0 0
0.00 82. 1002. 10 ADJ-A1 NoSubs
19 1 5 5 8 -5.5 0.096 -9.000 -9.000 -999. 71. 14.4 0.0270 0.47 0.72 1.59 357.0 10.0 281.4 2.0 0
0.00 85. 1002. 10 ADJ-A1 NoSubs
19 1 5 5 9 -3.3 0.102 -9.000 -9.000 -999. 78. 28.5 0.0240 0.47 0.38 1.65 47.0 10.0 282.0 2.0 11
0.30 85. 1003. 10 ADJ-A1 NoSubs
19 1 5 5 10 5.7 0.139 0.196 0.005 47. 124. -41.9 0.0270 0.47 0.26 1.88 346.0 10.0 282.0 2.0 11
1.30 95. 1004. 10 ADJ-A1 NoSubs
19 1 5 5 11 11.9 0.206 0.342 0.005 120. 225. -66.0 0.0200 0.47 0.22 3.01 70.0 10.0 283.1 2.0 11
1.00 96. 1003. 10 ADJ-A1 NoSubs
19 1 5 5 12 15.4 0.262 0.425 0.005 177. 323. -104.7 0.0230 0.47 0.20 3.81 103.0 10.0 284.2 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
19 1 5 5 13 16.1 0.214 0.547 0.005 362. 238. -54.3 0.0310 0.47 0.20 2.86 161.0 10.0 284.9 2.0 0
0.00 82. 1001. 10 ADJ-A1 NoSubs
19 1 5 5 14 13.8 0.239 0.583 0.005 513. 281. -88.6 0.0170 0.47 0.21 3.63 185.0 10.0 284.2 2.0 11
0.30 92. 1002. 10 ADJ-A1 NoSubs
19 1 5 5 15 39.3 0.366 0.957 0.005 798. 531. -111.6 0.0170 0.47 0.24 5.60 187.0 10.0 284.9 2.0 11
0.30 96. 1002. 7 ADJ-A1 NoSubs
19 1 5 5 16 1.8 0.449 0.345 0.005 809. 723. -4467.3 0.0210 0.47 0.31 6.92 211.0 10.0 285.4 2.0 11
1.30 92. 1003. 10 ADJ-A1 NoSubs
19 1 5 5 17 -27.3 0.355 -9.000 -9.000 -999. 514. 147.1 0.0210 0.47 0.53 5.67 233.0 10.0 284.9 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
19 1 5 5 18 -26.6 0.269 -9.000 -9.000 -999. 340. 79.8 0.0210 0.47 1.00 4.37 234.0 10.0 284.9 2.0 0
0.00 85. 1005. 10 ADJ-A1 NoSubs
19 1 5 5 19 -23.8 0.241 -9.000 -9.000 -999. 285. 64.0 0.0210 0.47 1.00 3.93 234.0 10.0 284.9 2.0 11
0.30 89. 1006. 10 ADJ-A1 NoSubs
19 1 5 5 20 -21.9 0.220 -9.000 -9.000 -999. 248. 53.3 0.0180 0.47 1.00 3.69 257.0 10.0 283.1 2.0 0

0.00 89. 1006. 10 ADJ-A1 NoSubs
19 1 5 5 21 -8.3 0.118 -9.000 -9.000 -999. 102. 17.7 0.0230 0.47 1.00 1.98 329.0 10.0 282.0 2.0 0
0.00 92. 1007. 3 ADJ-A1 NoSubs
19 1 5 5 22 -4.3 0.084 -9.000 -9.000 -999. 59. 12.6 0.0240 0.47 1.00 1.42 35.0 10.0 281.4 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
19 1 5 5 23 -6.4 0.104 -9.000 -9.000 -999. 80. 15.5 0.0270 0.47 1.00 1.71 337.0 10.0 281.4 2.0 11
0.80 100. 1008. 10 ADJ-A1 NoSubs
19 1 5 5 24 -3.1 0.073 -9.000 -9.000 -999. 48. 11.4 0.0270 0.47 1.00 1.16 336.0 10.0 279.9 2.0 0
0.00 100. 1008. 3 ADJ-A1 NoSubs
19 1 6 6 1 -9.9 0.129 -9.000 -9.000 -999. 111. 19.6 0.0270 0.47 1.00 2.10 341.0 10.0 279.9 2.0 0
0.00 100. 1009. 7 ADJ-A1 NoSubs
19 1 6 6 2 -7.8 0.114 -9.000 -9.000 -999. 92. 17.1 0.0270 0.47 1.00 1.87 342.0 10.0 279.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 6 6 3 -7.8 0.115 -9.000 -9.000 -999. 93. 17.3 0.0270 0.47 1.00 1.88 349.0 10.0 280.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 6 6 4 -4.3 0.085 -9.000 -9.000 -999. 59. 12.7 0.0270 0.47 1.00 1.40 349.0 10.0 279.9 2.0 0
0.00 100. 1009. 7 ADJ-A1 NoSubs
19 1 6 6 5 -7.8 0.113 -9.000 -9.000 -999. 92. 16.9 0.0230 0.47 1.00 1.91 1.0 10.0 279.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 6 6 6 -3.9 0.080 -9.000 -9.000 -999. 55. 12.0 0.0230 0.47 1.00 1.35 10.0 10.0 280.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 6 6 7 -6.8 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.47 1.00 1.76 360.0 10.0 280.9 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 6 6 8 -4.3 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.47 0.72 1.43 13.0 10.0 280.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 1 6 6 9 -2.2 0.080 -9.000 -9.000 -999. 55. 21.4 0.0230 0.47 0.38 1.33 90.0 10.0 282.0 2.0 11
0.30 92. 1010. 10 ADJ-A1 NoSubs
19 1 6 6 10 5.8 0.173 0.197 0.005 48. 173. -80.5 0.0280 0.47 0.26 2.40 148.0 10.0 282.0 2.0 11
0.80 95. 1010. 10 ADJ-A1 NoSubs
19 1 6 6 11 11.8 0.127 0.302 0.005 83. 108. -15.4 0.0230 0.47 0.22 1.64 313.0 10.0 282.5 2.0 11
1.00 89. 1010. 10 ADJ-A1 NoSubs
19 1 6 6 12 15.2 0.184 0.364 0.005 113. 189. -36.6 0.0310 0.47 0.20 2.40 165.0 10.0 282.5 2.0 11
2.00 96. 1009. 10 ADJ-A1 NoSubs
19 1 6 6 13 15.8 0.168 0.392 0.005 136. 165. -26.8 0.0230 0.47 0.20 2.27 119.0 10.0 282.5 2.0 11
3.60 100. 1008. 10 ADJ-A1 NoSubs
19 1 6 6 14 13.6 0.146 0.407 0.005 177. 134. -20.6 0.0200 0.47 0.21 1.99 83.0 10.0 282.5 2.0 11
3.30 100. 1007. 10 ADJ-A1 NoSubs
19 1 6 6 15 8.8 0.166 0.375 0.005 214. 163. -47.0 0.0230 0.47 0.24 2.33 91.0 10.0 283.1 2.0 11
4.10 100. 1006. 10 ADJ-A1 NoSubs
19 1 6 6 16 1.4 0.172 0.204 0.005 219. 171. -327.1 0.0230 0.47 0.31 2.57 99.0 10.0 282.1 2.0 0
0.00 100. 1005. 10 ADJ-A1 NoSubs
19 1 6 6 17 -19.6 0.234 -9.000 -9.000 -999. 271. 60.0 0.0310 0.47 0.53 3.56 157.0 10.0 283.1 2.0 11
10.70 100. 1004. 10 ADJ-A1 NoSubs
19 1 6 6 18 -56.5 0.574 -9.000 -9.000 -999. 1043. 362.3 0.0170 0.47 1.00 9.34 185.0 10.0 285.4 2.0 11
1.50 100. 1004. 10 ADJ-A1 NoSubs
19 1 6 6 19 -64.0 0.752 -9.000 -9.000 -999. 1564. 622.8 0.0170 0.47 1.00 12.13 200.0 10.0 285.9 2.0 11
1.80 100. 1004. 10 ADJ-A1 NoSubs
19 1 6 6 20 -64.0 0.816 -9.000 -9.000 -999. 1765. 761.5 0.0210 0.47 1.00 12.69 210.0 10.0 286.4 2.0 11
2.30 100. 1005. 10 ADJ-A1 NoSubs
19 1 6 6 21 -64.0 0.788 -9.000 -9.000 -999. 1682. 685.6 0.0210 0.47 1.00 12.26 213.0 10.0 286.4 2.0 11
0.80 100. 1006. 10 ADJ-A1 NoSubs
19 1 6 6 22 -60.0 0.610 -9.000 -9.000 -999. 1183. 409.3 0.0210 0.47 1.00 9.58 219.0 10.0 286.4 2.0 11
1.80 100. 1007. 10 ADJ-A1 NoSubs
19 1 6 6 23 -57.1 0.580 -9.000 -9.000 -999. 1065. 370.5 0.0210 0.47 1.00 9.13 223.0 10.0 286.4 2.0 11

0.30 100. 1008. 10 ADJ-A1 NoSubs
19 1 6 6 24 -45.0 0.457 -9.000 -9.000 -999. 755. 229.3 0.0210 0.47 1.00 7.25 224.0 10.0 286.4 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 7 7 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0180 0.47 1.00 5.66 246.0 10.0 285.4 2.0 0
0.00 100. 1010. 99 ADJ-A1 NoSubs
19 1 7 7 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1011. 99 NAD NoSubs
19 1 7 7 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1012. 99 NAD NoSubs
19 1 7 7 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1013. 99 NAD NoSubs
19 1 7 7 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1013. 99 NAD NoSubs
19 1 7 7 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1014. 99 NAD NoSubs
19 1 7 7 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
19 1 7 7 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.72 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
19 1 7 7 9 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.38 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1016. 99 NAD NoSubs
19 1 7 7 10 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.26 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1017. 99 NAD NoSubs
19 1 7 7 11 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.22 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1016. 99 NAD NoSubs
19 1 7 7 12 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.20 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1016. 99 NAD NoSubs
19 1 7 7 13 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.20 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
19 1 7 7 14 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.21 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
19 1 7 7 15 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.23 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
19 1 7 7 16 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.31 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
19 1 7 7 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.52 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1015. 99 NAD NoSubs
19 1 7 7 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0230 0.47 1.00 1.73 324.0 10.0 286.4 2.0
0 0.00 89. 1015. 99 ADJ-A1 NoSubs
19 1 7 7 19 -9.4 0.126 -9.000 -9.000 -999. 107. 19.0 0.0230 0.47 1.00 2.10 316.0 10.0 285.4 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
19 1 7 7 20 -9.9 0.129 -9.000 -9.000 -999. 111. 19.6 0.0230 0.47 1.00 2.15 319.0 10.0 285.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
19 1 7 7 21 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0230 0.47 1.00 1.86 327.0 10.0 284.9 2.0 0
0.00 96. 1015. 0 ADJ-A1 NoSubs
19 1 7 7 22 -5.0 0.091 -9.000 -9.000 -999. 65. 13.4 0.0230 0.47 1.00 1.54 327.0 10.0 283.8 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
19 1 7 7 23 -4.0 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.47 1.00 1.38 329.0 10.0 284.2 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
19 1 7 7 24 -7.3 0.111 -9.000 -9.000 -999. 88. 16.8 0.0270 0.47 1.00 1.82 338.0 10.0 284.2 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
19 1 8 8 1 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 1.00 1.48 347.0 10.0 283.1 2.0 0
0.00 100. 1013. 0 ADJ-A1 NoSubs
19 1 8 8 2 -9.2 0.125 -9.000 -9.000 -999. 106. 19.0 0.0270 0.47 1.00 2.03 340.0 10.0 283.1 2.0 0

0.00 100. 1013. 0 ADJ-A1 NoSubs
19 1 8 8 3 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0270 0.47 1.00 1.79 351.0 10.0 283.1 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
19 1 8 8 4 -3.7 0.078 -9.000 -9.000 -999. 53. 11.5 0.0180 0.47 1.00 1.37 293.0 10.0 283.8 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 1 8 8 5 -5.7 0.097 -9.000 -9.000 -999. 73. 14.4 0.0230 0.47 1.00 1.65 324.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 1 8 8 6 -9.4 0.126 -9.000 -9.000 -999. 107. 19.3 0.0270 0.47 1.00 2.05 337.0 10.0 284.2 2.0 0
0.00 96. 1012. 7 ADJ-A1 NoSubs
19 1 8 8 7 -8.0 0.115 -9.000 -9.000 -999. 94. 17.3 0.0230 0.47 1.00 1.94 307.0 10.0 284.2 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 1 8 8 8 -2.6 0.069 -9.000 -9.000 -999. 44. 11.2 0.0270 0.47 0.72 1.06 339.0 10.0 284.2 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
19 1 8 8 9 1.2 0.104 0.082 0.008 16. 80. -80.9 0.0240 0.47 0.37 1.48 43.0 10.0 284.9 2.0 0 0.00
92. 1012. 0 ADJ-A1 NoSubs
19 1 8 8 10 6.4 0.138 0.210 0.006 52. 123. -37.0 0.0230 0.47 0.26 1.91 99.0 10.0 285.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 1 8 8 11 12.6 0.163 0.314 0.005 88. 158. -31.1 0.0170 0.47 0.22 2.35 209.0 10.0 285.9 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 1 8 8 12 16.0 0.151 0.376 0.006 120. 141. -19.5 0.0270 0.47 0.20 1.94 352.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 1 8 8 13 16.9 0.139 0.409 0.006 146. 125. -14.5 0.0270 0.47 0.20 1.74 357.0 10.0 287.0 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 1 8 8 14 15.0 0.144 0.425 0.005 185. 132. -18.1 0.0270 0.47 0.21 1.84 349.0 10.0 288.1 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 1 8 8 15 10.1 0.154 0.388 0.005 208. 145. -32.8 0.0240 0.47 0.23 2.10 55.0 10.0 288.1 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 1 8 8 16 2.8 0.144 0.257 0.005 214. 132. -95.5 0.0170 0.47 0.31 2.20 204.0 10.0 288.1 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 1 8 8 17 -12.0 0.153 -9.000 -9.000 -999. 143. 26.6 0.0180 0.47 0.52 2.59 274.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 1 8 8 18 -10.1 0.130 -9.000 -9.000 -999. 113. 19.5 0.0180 0.47 1.00 2.25 285.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 1 8 8 19 -8.7 0.122 -9.000 -9.000 -999. 102. 18.7 0.0270 0.47 1.00 1.99 331.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 1 8 8 20 -6.4 0.104 -9.000 -9.000 -999. 80. 15.7 0.0270 0.47 1.00 1.71 360.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 1 8 8 21 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0230 0.47 1.00 1.31 328.0 10.0 285.4 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
19 1 8 8 22 -10.0 0.129 -9.000 -9.000 -999. 111. 19.2 0.0170 0.47 1.00 2.25 195.0 10.0 286.4 2.0 0
0.00 83. 1009. 5 ADJ-A1 NoSubs
19 1 8 8 23 -13.7 0.153 -9.000 -9.000 -999. 144. 25.8 0.0230 0.47 1.00 2.52 117.0 10.0 286.4 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
19 1 8 8 24 -21.1 0.215 -9.000 -9.000 -999. 238. 50.6 0.0280 0.47 1.00 3.35 144.0 10.0 287.5 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
19 1 9 9 1 -17.8 0.180 -9.000 -9.000 -999. 184. 35.7 0.0180 0.47 1.00 3.05 244.0 10.0 285.9 2.0 11
0.50 89. 1010. 10 ADJ-A1 NoSubs
19 1 9 9 2 -11.6 0.139 -9.000 -9.000 -999. 124. 21.2 0.0180 0.47 1.00 2.39 245.0 10.0 285.4 2.0 11
1.30 96. 1010. 10 ADJ-A1 NoSubs
19 1 9 9 3 -6.2 0.101 -9.000 -9.000 -999. 77. 15.0 0.0210 0.47 1.00 1.74 237.0 10.0 284.9 2.0 11
1.00 100. 1011. 10 ADJ-A1 NoSubs
19 1 9 9 4 -10.2 0.131 -9.000 -9.000 -999. 114. 19.8 0.0210 0.47 1.00 2.21 227.0 10.0 285.4 2.0 11
1.00 96. 1011. 10 ADJ-A1 NoSubs
19 1 9 9 5 -7.9 0.115 -9.000 -9.000 -999. 93. 17.2 0.0210 0.47 1.00 1.96 219.0 10.0 285.4 2.0 0

0.00 96. 1011. 10 ADJ-A1 NoSubs
19 1 9 9 6 -7.7 0.112 -9.000 -9.000 -999. 90. 16.5 0.0170 0.47 1.00 1.98 208.0 10.0 284.9 2.0 11
4.10 100. 1011. 10 ADJ-A1 NoSubs
19 1 9 9 7 -17.2 0.174 -9.000 -9.000 -999. 174. 33.1 0.0170 0.47 1.00 2.97 206.0 10.0 285.4 2.0 11
2.50 96. 1012. 10 ADJ-A1 NoSubs
19 1 9 9 8 -8.4 0.120 -9.000 -9.000 -999. 100. 18.5 0.0310 0.47 0.72 1.91 162.0 10.0 285.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 1 9 9 9 -2.1 0.088 -9.000 -9.000 -999. 63. 29.2 0.0270 0.47 0.37 1.40 352.0 10.0 285.4 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
19 1 9 9 10 6.9 0.104 0.242 0.006 75. 81. -15.0 0.0230 0.47 0.26 1.35 319.0 10.0 287.0 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
19 1 9 9 11 50.8 0.253 0.648 0.005 194. 305. -28.8 0.0310 0.47 0.22 3.25 155.0 10.0 288.1 2.0 0
0.00 86. 1014. 7 ADJ-A1 NoSubs
19 1 9 9 12 16.7 0.249 0.490 0.005 254. 297. -82.9 0.0310 0.47 0.20 3.39 174.0 10.0 288.8 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 1 9 9 13 17.5 0.309 0.529 0.005 305. 413. -152.9 0.0170 0.47 0.20 4.78 187.0 10.0 289.2 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 1 9 9 14 69.2 0.266 0.952 0.005 450. 330. -24.5 0.0210 0.47 0.21 3.63 234.0 10.0 288.1 2.0 0
0.00 89. 1013. 3 ADJ-A1 NoSubs
19 1 9 9 15 49.0 0.304 0.905 0.005 546. 401. -51.6 0.0210 0.47 0.23 4.34 223.0 10.0 288.1 2.0 0
0.00 89. 1013. 5 ADJ-A1 NoSubs
19 1 9 9 16 2.7 0.316 0.357 0.005 596. 427. -1043.3 0.0210 0.47 0.30 4.85 234.0 10.0 287.0 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 1 9 9 17 -18.3 0.234 -9.000 -9.000 -999. 275. 63.7 0.0180 0.47 0.51 3.90 240.0 10.0 287.0 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
19 1 9 9 18 -12.1 0.142 -9.000 -9.000 -999. 132. 22.2 0.0180 0.47 1.00 2.44 247.0 10.0 286.4 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
19 1 9 9 19 -2.9 0.071 -9.000 -9.000 -999. 47. 11.1 0.0230 0.47 1.00 1.16 306.0 10.0 286.4 2.0 0
0.00 89. 1015. 10 ADJ-A1 NoSubs
19 1 9 9 20 -5.0 0.090 -9.000 -9.000 -999. 65. 13.1 0.0180 0.47 1.00 1.59 257.0 10.0 285.4 2.0 0
0.00 96. 1015. 7 ADJ-A1 NoSubs
19 1 9 9 21 -3.6 0.078 -9.000 -9.000 -999. 52. 11.7 0.0230 0.47 1.00 1.30 300.0 10.0 285.9 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 1 9 9 22 -8.3 0.116 -9.000 -9.000 -999. 95. 17.2 0.0180 0.47 1.00 2.03 256.0 10.0 285.9 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 1 9 9 23 -13.7 0.151 -9.000 -9.000 -999. 141. 25.2 0.0180 0.47 1.00 2.59 252.0 10.0 285.9 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 1 9 9 24 -4.5 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.47 1.00 1.47 303.0 10.0 285.4 2.0 0
0.00 96. 1016. 7 ADJ-A1 NoSubs
19 1 10 10 1 -1.8 0.061 -9.000 -9.000 -999. 36. 11.5 0.0240 0.47 1.00 0.82 45.0 10.0 284.2 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
19 1 10 10 2 -1.4 0.057 -9.000 -9.000 -999. 33. 11.8 0.0170 0.47 1.00 0.72 195.0 10.0 284.2 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
19 1 10 10 3 -5.4 0.095 -9.000 -9.000 -999. 70. 14.3 0.0270 0.47 1.00 1.57 349.0 10.0 284.2 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
19 1 10 10 4 -4.3 0.085 -9.000 -9.000 -999. 59. 12.8 0.0270 0.47 1.00 1.40 355.0 10.0 282.0 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
19 1 10 10 5 -5.6 0.097 -9.000 -9.000 -999. 72. 14.5 0.0270 0.47 1.00 1.60 332.0 10.0 282.0 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
19 1 10 10 6 -8.6 0.120 -9.000 -9.000 -999. 100. 18.2 0.0270 0.47 1.00 1.96 352.0 10.0 282.0 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
19 1 10 10 7 -3.4 0.076 -9.000 -9.000 -999. 51. 11.7 0.0270 0.47 1.00 1.23 338.0 10.0 282.0 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
19 1 10 10 8 -5.8 0.098 -9.000 -9.000 -999. 74. 14.7 0.0270 0.47 0.72 1.62 330.0 10.0 282.0 2.0 0

0.00 100. 1016. 10 ADJ-A1 NoSubs
19 1 10 10 9 -1.8 0.076 -9.000 -9.000 -999. 51. 21.9 0.0270 0.47 0.37 1.23 342.0 10.0 283.1 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
19 1 10 10 10 33.1 0.114 0.481 0.005 122. 93. -4.1 0.0280 0.47 0.26 1.23 136.0 10.0 283.8 2.0 0
0.00 100. 1017. 0 ADJ-A1 NoSubs
19 1 10 10 11 57.9 0.146 0.853 0.005 389. 133. -4.8 0.0280 0.47 0.21 1.60 120.0 10.0 286.4 2.0 0
0.00 83. 1016. 0 ADJ-A1 NoSubs
19 1 10 10 12 72.1 0.175 1.039 0.005 564. 176. -6.8 0.0280 0.47 0.20 2.01 127.0 10.0 288.1 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
19 1 10 10 13 75.2 0.208 1.134 0.005 702. 228. -10.8 0.0310 0.47 0.20 2.45 157.0 10.0 289.9 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
19 1 10 10 14 66.4 0.245 1.138 0.005 802. 290. -19.9 0.0210 0.47 0.21 3.29 210.0 10.0 288.8 2.0 0
0.00 77. 1014. 0 ADJ-A1 NoSubs
19 1 10 10 15 46.9 0.263 1.043 0.005 874. 324. -35.0 0.0210 0.47 0.23 3.68 236.0 10.0 288.8 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
19 1 10 10 16 17.4 0.206 0.756 0.005 895. 226. -45.5 0.0180 0.47 0.30 3.01 255.0 10.0 285.9 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
19 1 10 10 17 -9.5 0.138 -9.000 -9.000 -999. 125. 25.3 0.0210 0.47 0.51 2.30 227.0 10.0 284.2 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
19 1 10 10 18 -2.7 0.068 -9.000 -9.000 -999. 44. 10.6 0.0180 0.47 1.00 1.14 275.0 10.0 283.8 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
19 1 10 10 19 -1.4 0.059 -9.000 -9.000 -999. 34. 12.5 0.0240 0.47 1.00 0.69 51.0 10.0 283.1 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
19 1 10 10 20 -3.0 0.072 -9.000 -9.000 -999. 46. 11.2 0.0240 0.47 1.00 1.16 53.0 10.0 283.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
19 1 10 10 21 -4.6 0.086 -9.000 -9.000 -999. 61. 12.7 0.0200 0.47 1.00 1.50 67.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 1 10 10 22 -4.0 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.47 1.00 1.38 6.0 10.0 283.1 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 1 10 10 23 -2.9 0.072 -9.000 -9.000 -999. 46. 11.3 0.0270 0.47 1.00 1.13 341.0 10.0 282.5 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
19 1 10 10 24 -3.0 0.071 -9.000 -9.000 -999. 46. 11.1 0.0230 0.47 1.00 1.16 8.0 10.0 282.0 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
19 1 11 11 1 -4.2 0.083 -9.000 -9.000 -999. 58. 12.5 0.0270 0.47 1.00 1.37 336.0 10.0 280.9 2.0 0
0.00 100. 1011. 3 ADJ-A1 NoSubs
19 1 11 11 2 -5.2 0.092 -9.000 -9.000 -999. 66. 13.3 0.0180 0.47 1.00 1.62 263.0 10.0 280.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
19 1 11 11 3 -9.8 0.128 -9.000 -9.000 -999. 109. 19.2 0.0230 0.47 1.00 2.13 5.0 10.0 280.4 2.0 0
0.00 100. 1011. 3 ADJ-A1 NoSubs
19 1 11 11 4 -7.7 0.113 -9.000 -9.000 -999. 92. 17.1 0.0270 0.47 1.00 1.86 336.0 10.0 280.9 2.0 0
0.00 100. 1010. 0 ADJ-A1 NoSubs
19 1 11 11 5 -4.6 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.47 1.00 1.48 8.0 10.0 280.4 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
19 1 11 11 6 -4.6 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.47 1.00 1.48 5.0 10.0 280.9 2.0 0
0.00 95. 1009. 3 ADJ-A1 NoSubs
19 1 11 11 7 -3.1 0.073 -9.000 -9.000 -999. 48. 11.2 0.0230 0.47 1.00 1.20 320.0 10.0 280.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
19 1 11 11 8 -7.9 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.47 0.72 1.93 328.0 10.0 280.9 2.0 0
0.00 95. 1009. 0 ADJ-A1 NoSubs
19 1 11 11 9 -3.1 0.110 -9.000 -9.000 -999. 88. 39.2 0.0270 0.47 0.37 1.74 345.0 10.0 283.1 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 1 11 11 10 31.8 0.087 0.500 0.006 141. 61. -1.8 0.0230 0.47 0.26 0.87 91.0 10.0 285.4 2.0 0
0.00 76. 1009. 7 ADJ-A1 NoSubs
19 1 11 11 11 60.2 0.144 0.821 0.005 330. 131. -4.5 0.0200 0.47 0.21 1.69 80.0 10.0 286.4 2.0 0

0.00 69. 1009. 5 ADJ-A1 NoSubs
19 1 11 11 12 16.7 0.097 0.567 0.005 392. 72. -4.9 0.0230 0.47 0.20 1.11 115.0 10.0 287.5 2.0 0
0.00 66. 1007. 10 ADJ-A1 NoSubs
19 1 11 11 13 64.3 0.129 0.962 0.005 497. 111. -3.0 0.0230 0.47 0.20 1.38 320.0 10.0 288.1 2.0 0
0.00 68. 1006. 7 ADJ-A1 NoSubs
19 1 11 11 14 15.5 0.140 0.605 0.005 510. 126. -16.0 0.0180 0.47 0.21 1.91 294.0 10.0 288.8 2.0 0
0.00 64. 1006. 10 ADJ-A1 NoSubs
19 1 11 11 15 10.7 0.126 0.537 0.005 519. 108. -16.9 0.0230 0.47 0.23 1.65 3.0 10.0 288.8 2.0 11
0.30 68. 1005. 10 ADJ-A1 NoSubs
19 1 11 11 16 2.8 0.263 0.345 0.005 519. 324. -579.2 0.0180 0.47 0.30 4.12 260.0 10.0 285.9 2.0 11
2.30 92. 1006. 10 ADJ-A1 NoSubs
19 1 11 11 17 -8.9 0.133 -9.000 -9.000 -999. 127. 23.5 0.0270 0.47 0.50 2.13 352.0 10.0 285.9 2.0 11
0.30 96. 1006. 10 ADJ-A1 NoSubs
19 1 11 11 18 -8.7 0.122 -9.000 -9.000 -999. 102. 18.6 0.0270 0.47 1.00 1.99 330.0 10.0 285.4 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
19 1 11 11 19 -6.3 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.47 1.00 1.74 304.0 10.0 285.4 2.0 11
0.30 96. 1006. 10 ADJ-A1 NoSubs
19 1 11 11 20 -15.1 0.161 -9.000 -9.000 -999. 155. 28.5 0.0230 0.47 1.00 2.64 91.0 10.0 285.4 2.0 11
2.80 96. 1006. 10 ADJ-A1 NoSubs
19 1 11 11 21 -10.0 0.129 -9.000 -9.000 -999. 111. 19.4 0.0200 0.47 1.00 2.20 69.0 10.0 285.4 2.0 11
0.50 96. 1007. 10 ADJ-A1 NoSubs
19 1 11 11 22 -7.6 0.113 -9.000 -9.000 -999. 92. 17.2 0.0270 0.47 1.00 1.86 336.0 10.0 284.9 2.0 11
0.50 100. 1007. 10 ADJ-A1 NoSubs
19 1 11 11 23 -10.0 0.131 -9.000 -9.000 -999. 114. 20.4 0.0310 0.47 1.00 2.08 150.0 10.0 285.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 1 11 11 24 -4.0 0.082 -9.000 -9.000 -999. 57. 12.5 0.0270 0.47 1.00 1.35 346.0 10.0 284.2 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
19 1 12 12 1 -3.7 0.078 -9.000 -9.000 -999. 53. 11.7 0.0200 0.47 1.00 1.35 67.0 10.0 284.9 2.0 11
0.30 92. 1007. 10 ADJ-A1 NoSubs
19 1 12 12 2 -7.0 0.108 -9.000 -9.000 -999. 85. 15.9 0.0200 0.47 1.00 1.86 60.0 10.0 284.9 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
19 1 12 12 3 -9.0 0.123 -9.000 -9.000 -999. 103. 18.3 0.0200 0.47 1.00 2.10 87.0 10.0 284.2 2.0 11
0.30 92. 1007. 10 ADJ-A1 NoSubs
19 1 12 12 4 -9.2 0.124 -9.000 -9.000 -999. 105. 18.8 0.0230 0.47 1.00 2.08 25.0 10.0 283.8 2.0 11
0.30 96. 1007. 10 ADJ-A1 NoSubs
19 1 12 12 5 -7.4 0.112 -9.000 -9.000 -999. 90. 17.0 0.0270 0.47 1.00 1.84 356.0 10.0 283.8 2.0 11
0.30 96. 1007. 10 ADJ-A1 NoSubs
19 1 12 12 6 -5.4 0.095 -9.000 -9.000 -999. 70. 14.2 0.0270 0.47 1.00 1.57 359.0 10.0 283.1 2.0 11
0.30 100. 1008. 10 ADJ-A1 NoSubs
19 1 12 12 7 -8.8 0.121 -9.000 -9.000 -999. 101. 18.2 0.0230 0.47 1.00 2.03 15.0 10.0 283.8 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 1 12 12 8 -8.6 0.120 -9.000 -9.000 -999. 100. 18.1 0.0230 0.47 0.72 2.01 2.0 10.0 283.1 2.0 0
0.00 92. 1009. 7 ADJ-A1 NoSubs
19 1 12 12 9 -2.4 0.093 -9.000 -9.000 -999. 68. 30.2 0.0230 0.47 0.37 1.52 319.0 10.0 283.8 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 1 12 12 10 37.8 0.137 0.596 0.005 202. 122. -6.1 0.0180 0.47 0.26 1.70 285.0 10.0 284.9 2.0 0
0.00 85. 1011. 3 ADJ-A1 NoSubs
19 1 12 12 11 13.0 0.136 0.442 0.005 239. 120. -17.3 0.0180 0.47 0.21 1.86 242.0 10.0 286.4 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 1 12 12 12 76.3 0.125 0.938 0.005 389. 106. -2.3 0.0310 0.47 0.20 1.20 167.0 10.0 287.5 2.0 0
0.00 71. 1009. 3 ADJ-A1 NoSubs
19 1 12 12 13 76.0 0.197 1.224 0.005 869. 210. -9.0 0.0170 0.47 0.20 2.57 188.0 10.0 288.8 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
19 1 12 12 14 15.5 0.327 0.736 0.005 923. 449. -203.2 0.0170 0.47 0.20 5.09 187.0 10.0 288.1 2.0 0

0.00 71. 1009. 10 ADJ-A1 NoSubs
19 1 12 12 15 10.8 0.208 0.662 0.005 962. 235. -74.3 0.0180 0.47 0.23 3.10 242.0 10.0 288.8 2.0 0
0.00 71. 1009. 10 ADJ-A1 NoSubs
19 1 12 12 16 20.5 0.240 0.835 0.005 1024. 283. -61.1 0.0180 0.47 0.30 3.56 252.0 10.0 287.0 2.0 0
0.00 77. 1010. 7 ADJ-A1 NoSubs
19 1 12 12 17 -14.4 0.261 -9.000 -9.000 -999. 320. 111.1 0.0210 0.47 0.50 4.19 237.0 10.0 285.4 2.0 0
0.00 89. 1010. 3 ADJ-A1 NoSubs
19 1 12 12 18 -27.6 0.278 -9.000 -9.000 -999. 352. 85.2 0.0210 0.47 1.00 4.51 229.0 10.0 285.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 1 12 12 19 -10.5 0.132 -9.000 -9.000 -999. 131. 19.7 0.0180 0.47 1.00 2.28 255.0 10.0 285.9 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
19 1 12 12 20 -5.9 0.100 -9.000 -9.000 -999. 76. 15.1 0.0270 0.47 1.00 1.65 330.0 10.0 285.9 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
19 1 12 12 21 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0230 0.47 1.00 1.81 14.0 10.0 284.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 1 12 12 22 -5.9 0.099 -9.000 -9.000 -999. 75. 14.9 0.0270 0.47 1.00 1.64 360.0 10.0 282.5 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
19 1 12 12 23 -5.5 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.47 1.00 1.62 20.0 10.0 282.5 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
19 1 12 12 24 -4.4 0.084 -9.000 -9.000 -999. 58. 12.2 0.0180 0.47 1.00 1.48 298.0 10.0 280.9 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
19 1 13 13 1 -11.7 0.141 -9.000 -9.000 -999. 128. 22.0 0.0270 0.47 1.00 2.28 348.0 10.0 280.9 2.0 0
0.00 100. 1012. 7 ADJ-A1 NoSubs
19 1 13 13 2 -12.2 0.144 -9.000 -9.000 -999. 131. 22.8 0.0270 0.47 1.00 2.32 345.0 10.0 280.9 2.0 0
0.00 100. 1012. 0 ADJ-A1 NoSubs
19 1 13 13 3 -12.0 0.142 -9.000 -9.000 -999. 128. 22.2 0.0230 0.47 1.00 2.35 326.0 10.0 281.4 2.0 0
0.00 96. 1012. 3 ADJ-A1 NoSubs
19 1 13 13 4 -10.7 0.135 -9.000 -9.000 -999. 119. 20.6 0.0270 0.47 1.00 2.18 339.0 10.0 280.9 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
19 1 13 13 5 -4.7 0.088 -9.000 -9.000 -999. 63. 13.0 0.0240 0.47 1.00 1.48 55.0 10.0 279.9 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
19 1 13 13 6 -8.7 0.120 -9.000 -9.000 -999. 99. 17.9 0.0230 0.47 1.00 2.01 9.0 10.0 279.9 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
19 1 13 13 7 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 1.00 1.48 348.0 10.0 279.2 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
19 1 13 13 8 -10.5 0.133 -9.000 -9.000 -999. 117. 20.4 0.0270 0.47 0.71 2.16 337.0 10.0 279.9 2.0 0
0.00 100. 1011. 0 ADJ-A1 NoSubs
19 1 13 13 9 1.7 0.121 0.093 0.005 17. 101. -94.9 0.0240 0.47 0.37 1.74 38.0 10.0 282.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 1 13 13 10 34.3 0.114 0.512 0.005 141. 92. -3.9 0.0280 0.47 0.25 1.21 125.0 10.0 285.4 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
19 1 13 13 11 59.4 0.333 0.796 0.005 306. 462. -56.2 0.0230 0.47 0.21 4.71 98.0 10.0 288.1 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
19 1 13 13 12 73.6 0.423 1.055 0.005 574. 660. -92.5 0.0230 0.47 0.20 6.11 109.0 10.0 288.8 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
19 1 13 13 13 76.7 0.347 1.173 0.005 758. 495. -49.1 0.0230 0.47 0.20 4.87 114.0 10.0 289.2 2.0 0
0.00 57. 1009. 0 ADJ-A1 NoSubs
19 1 13 13 14 68.7 0.350 1.196 0.005 896. 496. -55.9 0.0230 0.47 0.20 4.94 110.0 10.0 290.9 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
19 1 13 13 15 49.3 0.417 1.103 0.005 980. 645. -131.8 0.0230 0.47 0.23 6.09 118.0 10.0 290.4 2.0 0
0.00 45. 1008. 0 ADJ-A1 NoSubs
19 1 13 13 16 20.2 0.441 0.828 0.005 1010. 702. -382.3 0.0280 0.47 0.30 6.38 120.0 10.0 289.2 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
19 1 13 13 17 -15.3 0.249 -9.000 -9.000 -999. 329. 90.1 0.0230 0.47 0.49 3.95 117.0 10.0 288.1 2.0 0

0.00 53. 1008. 0 ADJ-A1 NoSubs
19 1 13 13 18 -15.4 0.163 -9.000 -9.000 -999. 163. 29.2 0.0230 0.47 1.00 2.67 110.0 10.0 287.0 2.0 0
0.00 59. 1008. 7 ADJ-A1 NoSubs
19 1 13 13 19 -10.6 0.134 -9.000 -9.000 -999. 117. 20.2 0.0200 0.47 1.00 2.27 74.0 10.0 285.9 2.0 0
0.00 68. 1008. 0 ADJ-A1 NoSubs
19 1 13 13 20 -10.5 0.133 -9.000 -9.000 -999. 117. 20.3 0.0240 0.47 1.00 2.20 39.0 10.0 284.9 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
19 1 13 13 21 -15.9 0.166 -9.000 -9.000 -999. 162. 30.1 0.0240 0.47 1.00 2.69 55.0 10.0 284.9 2.0 0
0.00 71. 1009. 10 ADJ-A1 NoSubs
19 1 13 13 22 -8.5 0.119 -9.000 -9.000 -999. 99. 18.0 0.0240 0.47 1.00 1.99 46.0 10.0 283.8 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 1 13 13 23 -6.8 0.107 -9.000 -9.000 -999. 83. 15.9 0.0240 0.47 1.00 1.79 39.0 10.0 283.1 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 1 13 13 24 -4.7 0.087 -9.000 -9.000 -999. 62. 12.8 0.0200 0.47 1.00 1.52 72.0 10.0 283.8 2.0 0
0.00 82. 1008. 7 ADJ-A1 NoSubs
19 1 14 14 1 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.47 1.00 1.33 165.0 10.0 283.8 2.0 0
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19 1 14 14 2 -12.4 0.144 -9.000 -9.000 -999. 132. 22.9 0.0200 0.47 1.00 2.44 87.0 10.0 284.2 2.0 0
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19 1 14 14 3 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0270 0.47 1.00 1.42 340.0 10.0 283.8 2.0 0
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19 1 14 14 4 -3.4 0.076 -9.000 -9.000 -999. 51. 11.6 0.0240 0.47 1.00 1.26 49.0 10.0 283.1 2.0 0
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19 1 14 14 5 -5.5 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.47 1.00 1.62 27.0 10.0 282.0 2.0 0
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19 1 14 14 6 -13.7 0.155 -9.000 -9.000 -999. 146. 26.3 0.0310 0.47 1.00 2.42 160.0 10.0 284.2 2.0 0
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19 1 14 14 8 -5.1 0.092 -9.000 -9.000 -999. 68. 13.7 0.0230 0.47 0.71 1.57 310.0 10.0 284.2 2.0 0
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19 1 14 14 9 -2.9 0.121 -9.000 -9.000 -999. 101. 54.2 0.0270 0.47 0.37 1.89 341.0 10.0 283.8 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
19 1 14 14 10 6.8 0.126 0.186 0.005 34. 107. -26.4 0.0230 0.47 0.25 1.70 3.0 10.0 284.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
19 1 14 14 11 13.1 0.323 0.343 0.005 110. 440. -229.8 0.0280 0.47 0.21 4.63 138.0 10.0 285.9 2.0 0
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19 1 14 14 12 16.8 0.422 0.465 0.005 214. 658. -401.4 0.0280 0.47 0.20 6.11 139.0 10.0 286.4 2.0 0
0.00 64. 1006. 10 ADJ-A1 NoSubs
19 1 14 14 13 17.4 0.379 0.508 0.005 269. 562. -280.3 0.0280 0.47 0.20 5.46 120.0 10.0 285.9 2.0 0
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19 1 14 14 14 15.5 0.420 0.498 0.005 286. 653. -430.0 0.0280 0.47 0.20 6.09 124.0 10.0 286.4 2.0 11
0.30 69. 1005. 10 ADJ-A1 NoSubs
19 1 14 14 15 10.4 0.371 0.442 0.005 297. 544. -439.4 0.0280 0.47 0.23 5.38 139.0 10.0 285.4 2.0 0
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19 1 14 14 16 3.1 0.195 0.297 0.005 300. 232. -212.1 0.0170 0.47 0.29 3.03 194.0 10.0 284.9 2.0 11
0.80 89. 1006. 10 ADJ-A1 NoSubs
19 1 14 14 17 -6.7 0.116 -9.000 -9.000 -999. 98. 20.7 0.0280 0.47 0.48 1.86 128.0 10.0 284.9 2.0 11
0.30 92. 1005. 10 ADJ-A1 NoSubs
19 1 14 14 18 -3.4 0.076 -9.000 -9.000 -999. 51. 11.7 0.0270 0.47 1.00 1.23 360.0 10.0 284.2 2.0 11
0.50 92. 1006. 10 ADJ-A1 NoSubs
19 1 14 14 19 -2.8 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.47 1.00 1.13 8.0 10.0 283.8 2.0 0
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19 1 14 14 20 -5.0 0.090 -9.000 -9.000 -999. 65. 13.3 0.0200 0.47 1.00 1.57 74.0 10.0 283.8 2.0 0

0.00 85. 1006. 0 ADJ-A1 NoSubs
19 1 14 14 21 -1.9 0.061 -9.000 -9.000 -999. 37. 11.1 0.0210 0.47 1.00 0.86 222.0 10.0 282.5 2.0 0
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19 1 14 14 22 -7.5 0.112 -9.000 -9.000 -999. 90. 16.9 0.0270 0.47 1.00 1.84 358.0 10.0 280.9 2.0 0
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19 1 14 14 23 -6.8 0.106 -9.000 -9.000 -999. 82. 15.7 0.0230 0.47 1.00 1.79 6.0 10.0 281.4 2.0 0
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19 1 14 14 24 -5.3 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.47 1.00 1.59 22.0 10.0 281.4 2.0 0
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19 1 15 15 1 -6.7 0.105 -9.000 -9.000 -999. 82. 15.5 0.0200 0.47 1.00 1.82 81.0 10.0 282.5 2.0 11
0.80 92. 1006. 10 ADJ-A1 NoSubs
19 1 15 15 2 -10.4 0.133 -9.000 -9.000 -999. 117. 20.4 0.0270 0.47 1.00 2.16 358.0 10.0 282.0 2.0 11
0.30 95. 1006. 10 ADJ-A1 NoSubs
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0.30 96. 1005. 10 ADJ-A1 NoSubs
19 1 15 15 4 -5.0 0.091 -9.000 -9.000 -999. 65. 13.4 0.0230 0.47 1.00 1.54 17.0 10.0 283.1 2.0 0
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19 1 15 15 5 -4.9 0.090 -9.000 -9.000 -999. 65. 13.4 0.0240 0.47 1.00 1.52 31.0 10.0 283.1 2.0 11
0.80 92. 1004. 10 ADJ-A1 NoSubs
19 1 15 15 6 -3.6 0.078 -9.000 -9.000 -999. 52. 11.5 0.0200 0.47 1.00 1.33 72.0 10.0 283.1 2.0 11
1.00 92. 1005. 10 ADJ-A1 NoSubs
19 1 15 15 7 -6.0 0.100 -9.000 -9.000 -999. 76. 14.9 0.0230 0.47 1.00 1.70 12.0 10.0 283.1 2.0 11
1.50 96. 1005. 10 ADJ-A1 NoSubs
19 1 15 15 8 -5.7 0.097 -9.000 -9.000 -999. 73. 14.4 0.0230 0.47 0.71 1.65 5.0 10.0 283.1 2.0 11
2.00 96. 1005. 10 ADJ-A1 NoSubs
19 1 15 15 9 -2.9 0.119 -9.000 -9.000 -999. 98. 51.6 0.0230 0.47 0.37 1.91 12.0 10.0 283.1 2.0 11
2.00 96. 1004. 10 ADJ-A1 NoSubs
19 1 15 15 10 6.7 0.126 0.233 0.005 68. 108. -27.2 0.0240 0.47 0.25 1.70 35.0 10.0 283.8 2.0 11
1.80 96. 1004. 10 ADJ-A1 NoSubs
19 1 15 15 11 12.9 0.188 0.375 0.005 145. 195. -45.8 0.0200 0.47 0.21 2.69 61.0 10.0 284.2 2.0 11
1.80 92. 1004. 10 ADJ-A1 NoSubs
19 1 15 15 12 16.6 0.159 0.464 0.005 214. 152. -21.6 0.0240 0.47 0.20 2.10 51.0 10.0 284.9 2.0 11
1.30 92. 1002. 10 ADJ-A1 NoSubs
19 1 15 15 13 17.5 0.260 0.509 0.005 268. 319. -90.3 0.0230 0.47 0.20 3.76 92.0 10.0 285.4 2.0 11
1.50 86. 1001. 10 ADJ-A1 NoSubs
19 1 15 15 14 15.3 0.135 0.509 0.005 308. 128. -14.3 0.0240 0.47 0.20 1.72 57.0 10.0 284.9 2.0 11
3.60 92. 1001. 10 ADJ-A1 NoSubs
19 1 15 15 15 10.5 0.189 0.461 0.005 332. 197. -57.3 0.0200 0.47 0.23 2.74 89.0 10.0 284.9 2.0 11
4.30 96. 1000. 10 ADJ-A1 NoSubs
19 1 15 15 16 3.3 0.160 0.316 0.005 340. 154. -111.2 0.0230 0.47 0.29 2.33 4.0 10.0 284.9 2.0 11
4.10 100. 1000. 10 ADJ-A1 NoSubs
19 1 15 15 17 -4.6 0.096 -9.000 -9.000 -999. 72. 17.0 0.0270 0.47 0.48 1.57 350.0 10.0 284.9 2.0 11
4.60 100. 1001. 10 ADJ-A1 NoSubs
19 1 15 15 18 -27.6 0.281 -9.000 -9.000 -999. 358. 87.1 0.0310 0.47 1.00 4.27 160.0 10.0 285.4 2.0 11
1.80 92. 1002. 10 ADJ-A1 NoSubs
19 1 15 15 19 -37.7 0.384 -9.000 -9.000 -999. 571. 162.2 0.0170 0.47 1.00 6.35 199.0 10.0 285.9 2.0 11
0.80 96. 1003. 10 ADJ-A1 NoSubs
19 1 15 15 20 -39.2 0.398 -9.000 -9.000 -999. 603. 174.5 0.0210 0.47 1.00 6.36 221.0 10.0 285.9 2.0 11
0.20 92. 1005. 10 ADJ-A1 NoSubs
19 1 15 15 21 -39.1 0.396 -9.000 -9.000 -999. 599. 172.7 0.0210 0.47 1.00 6.33 217.0 10.0 285.4 2.0 11
0.30 96. 1006. 10 ADJ-A1 NoSubs
19 1 15 15 22 -43.0 0.436 -9.000 -9.000 -999. 691. 209.3 0.0210 0.47 1.00 6.94 211.0 10.0 285.9 2.0 11
0.50 92. 1007. 10 ADJ-A1 NoSubs
19 1 15 15 23 -32.2 0.326 -9.000 -9.000 -999. 455. 117.0 0.0170 0.47 1.00 5.43 207.0 10.0 285.9 2.0 0

0.00 96. 1008. 10 ADJ-A1 NoSubs
19 1 15 15 24 -21.3 0.216 -9.000 -9.000 -999. 248. 51.4 0.0170 0.47 1.00 3.66 198.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 1 16 16 1 -16.1 0.168 -9.000 -9.000 -999. 167. 31.2 0.0310 0.47 1.00 2.62 170.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 1 16 16 2 -13.3 0.152 -9.000 -9.000 -999. 142. 25.4 0.0280 0.47 1.00 2.42 133.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 1 16 16 3 -3.2 0.073 -9.000 -9.000 -999. 50. 11.3 0.0230 0.47 1.00 1.21 6.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 1 16 16 4 -4.0 0.081 -9.000 -9.000 -999. 56. 11.9 0.0180 0.47 1.00 1.43 247.0 10.0 284.9 2.0 11
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19 1 16 16 5 -5.6 0.097 -9.000 -9.000 -999. 72. 14.6 0.0270 0.47 1.00 1.60 353.0 10.0 284.9 2.0 0
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0.00 92. 1009. 10 ADJ-A1 NoSubs
19 1 16 16 8 -5.6 0.096 -9.000 -9.000 -999. 71. 14.2 0.0200 0.47 0.70 1.67 72.0 10.0 285.4 2.0 0
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19 1 16 16 9 -2.8 0.185 -9.000 -9.000 -999. 191. 206.9 0.0230 0.47 0.37 2.89 108.0 10.0 286.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 1 16 16 10 7.5 0.288 0.254 0.005 79. 371. -285.8 0.0230 0.47 0.25 4.29 115.0 10.0 287.5 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 1 16 16 11 14.0 0.333 0.369 0.005 129. 462. -238.3 0.0230 0.47 0.21 4.95 119.0 10.0 288.8 2.0 0
0.00 71. 1009. 10 ADJ-A1 NoSubs
19 1 16 16 12 17.6 0.360 0.436 0.005 169. 517. -237.6 0.0280 0.47 0.20 5.16 137.0 10.0 288.8 2.0 0
0.00 68. 1008. 10 ADJ-A1 NoSubs
19 1 16 16 13 18.4 0.601 0.505 0.005 251. 1118. -1061.3 0.0280 0.47 0.20 8.78 143.0 10.0 288.8 2.0 0
0.00 71. 1007. 10 ADJ-A1 NoSubs
19 1 16 16 14 16.2 0.526 0.538 0.005 345. 922. -807.0 0.0280 0.47 0.20 7.67 144.0 10.0 288.1 2.0 11
0.30 80. 1006. 10 ADJ-A1 NoSubs
19 1 16 16 15 11.2 0.470 0.499 0.005 397. 778. -829.9 0.0280 0.47 0.23 6.86 145.0 10.0 287.5 2.0 11
1.50 86. 1006. 10 ADJ-A1 NoSubs
19 1 16 16 16 4.0 0.390 0.360 0.005 414. 589. -1317.0 0.0280 0.47 0.29 5.70 137.0 10.0 287.5 2.0 11
0.30 89. 1006. 10 ADJ-A1 NoSubs
19 1 16 16 17 -22.2 0.339 -9.000 -9.000 -999. 476. 158.2 0.0280 0.47 0.47 5.16 142.0 10.0 288.1 2.0 0
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19 1 16 16 18 -25.8 0.265 -9.000 -9.000 -999. 330. 77.2 0.0280 0.47 1.00 4.10 144.0 10.0 288.8 2.0 0
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19 1 16 16 20 -30.3 0.311 -9.000 -9.000 -999. 416. 106.4 0.0310 0.47 1.00 4.70 175.0 10.0 288.1 2.0 11
5.80 89. 1005. 10 ADJ-A1 NoSubs
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1.30 96. 1006. 10 ADJ-A1 NoSubs
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19 1 17 17 9 -2.5 0.219 -9.000 -9.000 -999. 247. 379.6 0.0170 0.47 0.36 3.56 199.0 10.0 287.0 2.0 11
0.30 89. 1011. 10 ADJ-A1 NoSubs
19 1 17 17 10 7.0 0.373 0.280 0.005 114. 547. -672.9 0.0210 0.47 0.25 5.70 230.0 10.0 284.2 2.0 11
1.50 96. 1013. 10 ADJ-A1 NoSubs
19 1 17 17 11 13.4 0.171 0.414 0.005 191. 209. -33.6 0.0180 0.47 0.21 2.45 293.0 10.0 285.4 2.0 0
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19 1 17 17 12 17.3 0.135 0.616 0.005 486. 121. -13.0 0.0180 0.47 0.20 1.81 266.0 10.0 287.0 2.0 0
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19 1 17 17 13 66.9 0.254 1.143 0.005 807. 307. -22.1 0.0180 0.47 0.19 3.54 242.0 10.0 287.5 2.0 0
0.00 86. 1013. 7 ADJ-A1 NoSubs
19 1 17 17 14 71.7 0.398 1.229 0.005 936. 602. -79.3 0.0210 0.47 0.20 5.80 228.0 10.0 287.5 2.0 0
0.00 86. 1013. 5 ADJ-A1 NoSubs
19 1 17 17 15 45.8 0.380 1.104 0.005 1065. 562. -108.0 0.0210 0.47 0.22 5.60 222.0 10.0 287.5 2.0 0
0.00 89. 1014. 7 ADJ-A1 NoSubs
19 1 17 17 16 23.2 0.341 0.895 0.005 1114. 479. -154.4 0.0210 0.47 0.29 5.09 225.0 10.0 287.0 2.0 0
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19 1 17 17 17 -8.6 0.339 -9.000 -9.000 -999. 474. 412.0 0.0210 0.47 0.47 5.31 232.0 10.0 286.4 2.0 0
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19 1 17 17 20 -3.8 0.079 -9.000 -9.000 -999. 53. 11.6 0.0180 0.47 1.00 1.38 256.0 10.0 285.9 2.0 0
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19 1 17 17 22 -2.2 0.064 -9.000 -9.000 -999. 39. 10.4 0.0170 0.47 1.00 1.01 189.0 10.0 284.2 2.0 0
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19 1 18 18 6 -10.6 0.133 -9.000 -9.000 -999. 116. 20.1 0.0230 0.47 1.00 2.21 327.0 10.0 283.1 2.0 0
0.00 96. 1020. 7 ADJ-A1 NoSubs
19 1 18 18 7 -8.4 0.119 -9.000 -9.000 -999. 98. 18.0 0.0270 0.47 1.00 1.94 343.0 10.0 283.1 2.0 0
0.00 96. 1020. 10 ADJ-A1 NoSubs
19 1 18 18 8 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0270 0.47 0.70 1.28 355.0 10.0 283.8 2.0 0
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19 1 18 18 9 -1.3 0.081 -9.000 -9.000 -999. 55. 37.8 0.0270 0.47 0.36 1.28 352.0 10.0 285.4 2.0 0
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19 1 18 18 10 7.5 0.070 0.233 0.005 61. 44. -4.1 0.0280 0.47 0.25 0.75 138.0 10.0 286.4 2.0 0
0.00 83. 1022. 10 ADJ-A1 NoSubs
19 1 18 18 11 14.1 0.082 0.376 0.005 136. 56. -3.5 0.0280 0.47 0.21 0.86 147.0 10.0 288.1 2.0 0
0.00 74. 1022. 10 ADJ-A1 NoSubs
19 1 18 18 12 79.9 0.138 1.085 0.005 582. 123. -3.0 0.0280 0.47 0.20 1.42 132.0 10.0 289.2 2.0 0
0.00 61. 1021. 3 ADJ-A1 NoSubs
19 1 18 18 13 68.1 0.154 1.103 0.005 716. 145. -4.8 0.0310 0.47 0.19 1.65 155.0 10.0 290.4 2.0 0
0.00 57. 1020. 7 ADJ-A1 NoSubs
19 1 18 18 14 72.1 0.117 1.179 0.005 827. 96. -2.0 0.0200 0.47 0.20 1.23 75.0 10.0 290.9 2.0 0
0.00 51. 1020. 0 ADJ-A1 NoSubs
19 1 18 18 15 53.1 0.118 1.091 0.005 891. 97. -2.8 0.0230 0.47 0.22 1.26 105.0 10.0 290.9 2.0 0
0.00 51. 1020. 0 ADJ-A1 NoSubs
19 1 18 18 16 24.2 0.088 0.859 0.005 951. 63. -2.6 0.0200 0.47 0.28 0.96 79.0 10.0 290.9 2.0 0
0.00 53. 1020. 0 ADJ-A1 NoSubs
19 1 18 18 17 -1.9 0.067 -9.000 -9.000 -999. 42. 14.3 0.0240 0.47 0.46 1.13 38.0 10.0 290.4 2.0 0
0.00 55. 1020. 0 ADJ-A1 NoSubs
19 1 18 18 18 -6.2 0.101 -9.000 -9.000 -999. 77. 15.1 0.0230 0.47 1.00 1.71 310.0 10.0 287.5 2.0 0
0.00 77. 1021. 0 ADJ-A1 NoSubs
19 1 18 18 19 -7.1 0.109 -9.000 -9.000 -999. 86. 16.5 0.0270 0.47 1.00 1.79 332.0 10.0 285.9 2.0 0
0.00 89. 1022. 5 ADJ-A1 NoSubs
19 1 18 18 20 -7.5 0.111 -9.000 -9.000 -999. 89. 16.6 0.0230 0.47 1.00 1.87 3.0 10.0 284.9 2.0 0
0.00 92. 1022. 0 ADJ-A1 NoSubs
19 1 18 18 21 -8.7 0.120 -9.000 -9.000 -999. 100. 18.1 0.0230 0.47 1.00 2.01 324.0 10.0 284.9 2.0 0
0.00 92. 1022. 7 ADJ-A1 NoSubs
19 1 18 18 22 -7.8 0.113 -9.000 -9.000 -999. 92. 17.0 0.0230 0.47 1.00 1.91 321.0 10.0 283.8 2.0 0
0.00 96. 1022. 7 ADJ-A1 NoSubs
19 1 18 18 23 -5.9 0.098 -9.000 -9.000 -999. 74. 14.6 0.0230 0.47 1.00 1.67 315.0 10.0 284.2 2.0 0
0.00 92. 1023. 10 ADJ-A1 NoSubs
19 1 18 18 24 -3.8 0.080 -9.000 -9.000 -999. 54. 12.2 0.0270 0.47 1.00 1.31 341.0 10.0 283.8 2.0 0
0.00 96. 1023. 7 ADJ-A1 NoSubs
19 1 19 19 1 -2.6 0.068 -9.000 -9.000 -999. 43. 11.2 0.0270 0.47 1.00 1.04 355.0 10.0 284.2 2.0 0
0.00 92. 1023. 10 ADJ-A1 NoSubs
19 1 19 19 2 -3.4 0.076 -9.000 -9.000 -999. 50. 11.6 0.0240 0.47 1.00 1.25 38.0 10.0 283.8 2.0 0
0.00 96. 1023. 7 ADJ-A1 NoSubs
19 1 19 19 3 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.47 1.00 1.30 348.0 10.0 283.8 2.0 0
0.00 96. 1022. 10 ADJ-A1 NoSubs
19 1 19 19 4 -5.4 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.47 1.00 1.59 3.0 10.0 283.8 2.0 0
0.00 96. 1022. 10 ADJ-A1 NoSubs
19 1 19 19 5 -5.2 0.092 -9.000 -9.000 -999. 67. 13.7 0.0230 0.47 1.00 1.57 323.0 10.0 282.5 2.0 0
0.00 96. 1022. 10 ADJ-A1 NoSubs
19 1 19 19 6 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.47 1.00 0.99 321.0 10.0 283.1 2.0 0
0.00 96. 1022. 7 ADJ-A1 NoSubs
19 1 19 19 7 -4.7 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.47 1.00 1.48 322.0 10.0 282.5 2.0 0
0.00 96. 1022. 0 ADJ-A1 NoSubs
19 1 19 19 8 -3.6 0.078 -9.000 -9.000 -999. 52. 11.7 0.0230 0.47 0.69 1.30 308.0 10.0 282.5 2.0 0

0.00 96. 1022. 0 ADJ-A1 NoSubs
19 1 19 19 9 3.8 0.086 0.180 0.005 55. 60. -14.9 0.0180 0.47 0.36 1.16 297.0 10.0 284.9 2.0 0
0.00 89. 1022. 0 ADJ-A1 NoSubs
19 1 19 19 10 37.2 0.093 0.661 0.005 283. 68. -2.0 0.0200 0.47 0.25 0.97 66.0 10.0 287.5 2.0 0
0.00 77. 1023. 0 ADJ-A1 NoSubs
19 1 19 19 11 62.8 0.155 0.966 0.009 524. 147. -5.5 0.0230 0.47 0.21 1.81 114.0 10.0 289.9 2.0 0
0.00 66. 1022. 0 ADJ-A1 NoSubs
19 1 19 19 12 78.0 0.152 1.084 0.009 594. 143. -4.1 0.0230 0.47 0.20 1.71 97.0 10.0 292.5 2.0 0
0.00 54. 1021. 0 ADJ-A1 NoSubs
19 1 19 19 13 81.7 0.157 1.140 0.009 660. 149. -4.3 0.0230 0.47 0.19 1.77 106.0 10.0 293.8 2.0 0
0.00 52. 1020. 0 ADJ-A1 NoSubs
19 1 19 19 14 74.2 0.118 1.159 0.009 762. 97. -2.0 0.0310 0.47 0.20 1.11 164.0 10.0 295.4 2.0 0
0.00 50. 1019. 0 ADJ-A1 NoSubs
19 1 19 19 15 54.6 0.180 1.063 0.009 799. 183. -9.7 0.0210 0.47 0.22 2.27 213.0 10.0 293.8 2.0 0
0.00 62. 1018. 0 ADJ-A1 NoSubs
19 1 19 19 16 25.1 0.230 0.823 0.009 807. 264. -43.7 0.0180 0.47 0.28 3.34 261.0 10.0 291.4 2.0 0
0.00 65. 1018. 0 ADJ-A1 NoSubs
19 1 19 19 17 -3.8 0.096 -9.000 -9.000 -999. 85. 21.3 0.0180 0.47 0.46 1.65 293.0 10.0 290.4 2.0 0
0.00 69. 1018. 0 ADJ-A1 NoSubs
19 1 19 19 18 -6.1 0.102 -9.000 -9.000 -999. 78. 15.6 0.0310 0.47 1.00 1.64 163.0 10.0 287.0 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
19 1 19 19 19 -2.9 0.070 -9.000 -9.000 -999. 45. 10.9 0.0210 0.47 1.00 1.16 228.0 10.0 285.9 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
19 1 19 19 20 -2.8 0.070 -9.000 -9.000 -999. 44. 10.9 0.0210 0.47 1.00 1.14 223.0 10.0 286.4 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
19 1 19 19 21 -6.0 0.100 -9.000 -9.000 -999. 75. 14.9 0.0230 0.47 1.00 1.69 323.0 10.0 285.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 1 19 19 22 -3.9 0.080 -9.000 -9.000 -999. 54. 12.0 0.0230 0.47 1.00 1.35 328.0 10.0 285.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 1 19 19 23 -5.9 0.098 -9.000 -9.000 -999. 74. 14.6 0.0230 0.47 1.00 1.67 309.0 10.0 284.2 2.0 0
0.00 100. 1017. 0 ADJ-A1 NoSubs
19 1 19 19 24 -9.0 0.123 -9.000 -9.000 -999. 104. 18.8 0.0270 0.47 1.00 2.01 333.0 10.0 284.9 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
19 1 20 20 1 -5.9 0.098 -9.000 -9.000 -999. 74. 14.6 0.0230 0.47 1.00 1.67 328.0 10.0 283.8 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
19 1 20 20 2 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0230 0.47 1.00 1.81 13.0 10.0 284.2 2.0 0
0.00 96. 1016. 3 ADJ-A1 NoSubs
19 1 20 20 3 -2.3 0.065 -9.000 -9.000 -999. 40. 10.5 0.0180 0.47 1.00 1.03 266.0 10.0 283.1 2.0 0
0.00 100. 1016. 5 ADJ-A1 NoSubs
19 1 20 20 4 -5.5 0.094 -9.000 -9.000 -999. 70. 13.8 0.0180 0.47 1.00 1.67 291.0 10.0 284.2 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
19 1 20 20 5 -4.7 0.088 -9.000 -9.000 -999. 63. 13.3 0.0280 0.47 1.00 1.45 140.0 10.0 284.9 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
19 1 20 20 6 -4.7 0.087 -9.000 -9.000 -999. 62. 12.9 0.0200 0.47 1.00 1.52 60.0 10.0 284.9 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
19 1 20 20 7 -4.8 0.089 -9.000 -9.000 -999. 64. 13.5 0.0270 0.47 1.00 1.48 344.0 10.0 284.2 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
19 1 20 20 8 -3.1 0.074 -9.000 -9.000 -999. 48. 11.5 0.0270 0.47 0.69 1.18 339.0 10.0 284.9 2.0 11
0.80 100. 1015. 10 ADJ-A1 NoSubs
19 1 20 20 9 -0.8 0.060 -9.000 -9.000 -999. 36. 24.1 0.0170 0.47 0.36 1.04 184.0 10.0 284.9 2.0 11
0.30 100. 1015. 10 ADJ-A1 NoSubs
19 1 20 20 10 7.5 0.079 0.239 0.006 66. 53. -5.9 0.0170 0.47 0.25 0.99 196.0 10.0 285.4 2.0 11
0.50 100. 1015. 10 ADJ-A1 NoSubs
19 1 20 20 11 13.9 0.083 0.380 0.005 143. 57. -3.7 0.0310 0.47 0.21 0.86 155.0 10.0 285.9 2.0 11

0.30 100. 1015. 10 ADJ-A1 NoSubs
19 1 20 20 12 17.9 0.323 0.471 0.005 210. 440. -169.9 0.0170 0.47 0.20 5.00 207.0 10.0 287.5 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
19 1 20 20 13 18.6 0.397 0.515 0.005 264. 600. -303.2 0.0210 0.47 0.19 6.01 212.0 10.0 287.0 2.0 11
0.50 100. 1012. 10 ADJ-A1 NoSubs
19 1 20 20 14 16.5 0.397 0.519 0.005 304. 600. -341.6 0.0210 0.47 0.20 6.02 228.0 10.0 286.4 2.0 11
0.80 100. 1011. 10 ADJ-A1 NoSubs
19 1 20 20 15 11.8 0.383 0.476 0.005 330. 569. -429.8 0.0180 0.47 0.22 5.97 254.0 10.0 286.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 1 20 20 16 4.4 0.342 0.347 0.005 339. 480. -807.9 0.0180 0.47 0.28 5.36 261.0 10.0 285.9 2.0 11
2.50 96. 1011. 10 ADJ-A1 NoSubs
19 1 20 20 17 -6.9 0.365 -9.000 -9.000 -999. 528. 632.0 0.0180 0.47 0.45 5.82 259.0 10.0 285.4 2.0 0
0.00 92. 1011. 5 ADJ-A1 NoSubs
19 1 20 20 18 -33.7 0.340 -9.000 -9.000 -999. 476. 127.1 0.0180 0.47 1.00 5.60 265.0 10.0 285.4 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
19 1 20 20 19 -32.1 0.323 -9.000 -9.000 -999. 442. 115.1 0.0180 0.47 1.00 5.34 269.0 10.0 284.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
19 1 20 20 20 -23.9 0.239 -9.000 -9.000 -999. 284. 63.0 0.0180 0.47 1.00 4.00 293.0 10.0 283.1 2.0 11
0.50 89. 1011. 10 ADJ-A1 NoSubs
19 1 20 20 21 -11.5 0.138 -9.000 -9.000 -999. 128. 21.0 0.0180 0.47 1.00 2.38 265.0 10.0 282.5 2.0 0
0.00 86. 1012. 7 ADJ-A1 NoSubs
19 1 20 20 22 -16.1 0.164 -9.000 -9.000 -999. 159. 29.5 0.0180 0.47 1.00 2.79 260.0 10.0 282.0 2.0 0
0.00 85. 1012. 3 ADJ-A1 NoSubs
19 1 20 20 23 -10.5 0.132 -9.000 -9.000 -999. 115. 19.9 0.0230 0.47 1.00 2.20 314.0 10.0 280.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 1 20 20 24 -10.9 0.136 -9.000 -9.000 -999. 120. 20.8 0.0270 0.47 1.00 2.20 331.0 10.0 280.9 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
19 1 21 21 1 -2.1 0.063 -9.000 -9.000 -999. 40. 11.1 0.0230 0.47 1.00 0.91 102.0 10.0 279.9 2.0 0
0.00 95. 1013. 3 ADJ-A1 NoSubs
19 1 21 21 2 -3.7 0.079 -9.000 -9.000 -999. 53. 11.8 0.0240 0.47 1.00 1.31 42.0 10.0 278.8 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
19 1 21 21 3 -4.5 0.087 -9.000 -9.000 -999. 61. 13.0 0.0270 0.47 1.00 1.43 339.0 10.0 279.2 2.0 0
0.00 96. 1014. 5 ADJ-A1 NoSubs
19 1 21 21 4 -4.5 0.085 -9.000 -9.000 -999. 59. 12.3 0.0180 0.47 1.00 1.50 297.0 10.0 278.1 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 1 21 21 5 -12.0 0.143 -9.000 -9.000 -999. 129. 22.4 0.0270 0.47 1.00 2.30 342.0 10.0 278.8 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 1 21 21 6 -6.9 0.107 -9.000 -9.000 -999. 84. 15.9 0.0270 0.47 1.00 1.76 342.0 10.0 277.5 2.0 0
0.00 100. 1015. 0 ADJ-A1 NoSubs
19 1 21 21 7 -9.8 0.128 -9.000 -9.000 -999. 110. 19.3 0.0270 0.47 1.00 2.08 334.0 10.0 277.5 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
19 1 21 21 8 -8.4 0.118 -9.000 -9.000 -999. 97. 17.7 0.0230 0.47 0.68 1.98 318.0 10.0 277.5 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
19 1 21 21 9 4.0 0.120 0.220 0.005 97. 100. -39.8 0.0230 0.47 0.36 1.67 1.0 10.0 280.9 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
19 1 21 21 10 37.2 0.136 0.678 0.005 304. 120. -6.1 0.0280 0.47 0.25 1.54 142.0 10.0 282.5 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
19 1 21 21 11 62.8 0.164 1.028 0.005 628. 159. -6.3 0.0230 0.47 0.21 1.94 97.0 10.0 284.9 2.0 0
0.00 79. 1018. 0 ADJ-A1 NoSubs
19 1 21 21 12 81.1 0.147 1.328 0.005 1051. 135. -3.6 0.0280 0.47 0.20 1.55 132.0 10.0 285.9 2.0 0
0.00 68. 1018. 3 ADJ-A1 NoSubs
19 1 21 21 13 81.8 0.188 1.426 0.005 1288. 196. -7.4 0.0280 0.47 0.19 2.18 122.0 10.0 287.5 2.0 0
0.00 57. 1018. 5 ADJ-A1 NoSubs
19 1 21 21 14 74.7 0.189 1.430 0.006 1420. 197. -8.2 0.0230 0.47 0.20 2.30 93.0 10.0 288.8 2.0 0

0.00 52. 1017. 5 ADJ-A1 NoSubs
19 1 21 21 15 57.1 0.149 1.337 0.007 1521. 138. -5.2 0.0230 0.47 0.22 1.72 91.0 10.0 288.8 2.0 0
0.00 51. 1017. 5 ADJ-A1 NoSubs
19 1 21 21 16 25.6 0.178 1.033 0.007 1564. 180. -19.8 0.0240 0.47 0.28 2.33 43.0 10.0 287.0 2.0 0
0.00 50. 1017. 0 ADJ-A1 NoSubs
19 1 21 21 17 -7.3 0.171 -9.000 -9.000 -999. 169. 62.1 0.0270 0.47 0.45 2.66 346.0 10.0 287.0 2.0 0
0.00 48. 1018. 0 ADJ-A1 NoSubs
19 1 21 21 18 -9.9 0.129 -9.000 -9.000 -999. 112. 19.8 0.0270 0.47 1.00 2.10 337.0 10.0 284.2 2.0 0
0.00 63. 1018. 0 ADJ-A1 NoSubs
19 1 21 21 19 -11.7 0.141 -9.000 -9.000 -999. 127. 21.8 0.0270 0.47 1.00 2.27 333.0 10.0 282.5 2.0 0
0.00 76. 1019. 0 ADJ-A1 NoSubs
19 1 21 21 20 -6.7 0.105 -9.000 -9.000 -999. 82. 15.8 0.0270 0.47 1.00 1.74 333.0 10.0 280.4 2.0 0
0.00 89. 1019. 0 ADJ-A1 NoSubs
19 1 21 21 21 -4.4 0.086 -9.000 -9.000 -999. 60. 13.0 0.0310 0.47 1.00 1.38 177.0 10.0 280.4 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
19 1 21 21 22 -5.0 0.091 -9.000 -9.000 -999. 66. 13.7 0.0280 0.47 1.00 1.50 126.0 10.0 280.9 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
19 1 21 21 23 -5.4 0.093 -9.000 -9.000 -999. 68. 13.6 0.0200 0.47 1.00 1.62 71.0 10.0 280.4 2.0 0
0.00 89. 1020. 0 ADJ-A1 NoSubs
19 1 21 21 24 -7.8 0.112 -9.000 -9.000 -999. 90. 16.3 0.0170 0.47 1.00 1.98 197.0 10.0 279.9 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
19 1 22 22 1 -12.9 0.145 -9.000 -9.000 -999. 133. 23.3 0.0170 0.47 1.00 2.52 204.0 10.0 280.9 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
19 1 22 22 2 -5.5 0.094 -9.000 -9.000 -999. 69. 13.7 0.0210 0.47 1.00 1.62 233.0 10.0 279.2 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
19 1 22 22 3 -6.5 0.103 -9.000 -9.000 -999. 79. 15.4 0.0270 0.47 1.00 1.70 338.0 10.0 278.8 2.0 0
0.00 91. 1021. 0 ADJ-A1 NoSubs
19 1 22 22 4 -5.5 0.095 -9.000 -9.000 -999. 70. 14.1 0.0270 0.47 1.00 1.57 359.0 10.0 277.5 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
19 1 22 22 5 -4.4 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.47 1.00 1.43 312.0 10.0 277.5 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
19 1 22 22 6 -4.1 0.082 -9.000 -9.000 -999. 56. 12.1 0.0230 0.47 1.00 1.38 22.0 10.0 277.0 2.0 0
0.00 95. 1021. 0 ADJ-A1 NoSubs
19 1 22 22 7 -3.7 0.078 -9.000 -9.000 -999. 53. 11.7 0.0240 0.47 1.00 1.30 42.0 10.0 276.4 2.0 0
0.00 92. 1022. 0 ADJ-A1 NoSubs
19 1 22 22 8 -4.7 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.47 0.68 1.48 303.0 10.0 277.5 2.0 0
0.00 92. 1022. 0 ADJ-A1 NoSubs
19 1 22 22 9 4.2 0.098 0.143 0.005 26. 74. -20.9 0.0230 0.47 0.35 1.31 301.0 10.0 279.2 2.0 0
0.00 85. 1023. 0 ADJ-A1 NoSubs
19 1 22 22 10 37.7 0.102 0.518 0.005 134. 78. -2.6 0.0230 0.47 0.25 1.08 308.0 10.0 282.0 2.0 0
0.00 70. 1024. 0 ADJ-A1 NoSubs
19 1 22 22 11 63.4 0.104 0.917 0.005 444. 81. -1.6 0.0180 0.47 0.21 1.09 259.0 10.0 284.9 2.0 0
0.00 58. 1024. 0 ADJ-A1 NoSubs
19 1 22 22 12 78.4 0.195 1.123 0.007 659. 207. -8.7 0.0170 0.47 0.19 2.54 194.0 10.0 285.9 2.0 0
0.00 48. 1023. 0 ADJ-A1 NoSubs
19 1 22 22 13 82.2 0.152 1.198 0.011 763. 143. -3.9 0.0170 0.47 0.19 1.81 198.0 10.0 287.5 2.0 0
0.00 40. 1022. 0 ADJ-A1 NoSubs
19 1 22 22 14 74.5 0.208 1.199 0.011 845. 228. -11.0 0.0210 0.47 0.20 2.66 225.0 10.0 288.1 2.0 0
0.00 40. 1022. 0 ADJ-A1 NoSubs
19 1 22 22 15 55.5 0.171 1.107 0.011 890. 170. -8.2 0.0180 0.47 0.22 2.19 264.0 10.0 288.1 2.0 0
0.00 43. 1022. 0 ADJ-A1 NoSubs
19 1 22 22 16 26.4 0.223 0.869 0.011 907. 252. -38.1 0.0210 0.47 0.28 3.13 232.0 10.0 287.0 2.0 0
0.00 52. 1022. 0 ADJ-A1 NoSubs
19 1 22 22 17 -3.6 0.096 -9.000 -9.000 -999. 83. 22.7 0.0180 0.47 0.44 1.65 242.0 10.0 285.4 2.0 0

0.00 63. 1022. 0 ADJ-A1 NoSubs
19 1 22 22 18 -5.4 0.092 -9.000 -9.000 -999. 67. 13.4 0.0170 0.47 1.00 1.65 205.0 10.0 283.1 2.0 0
0.00 65. 1023. 0 ADJ-A1 NoSubs
19 1 22 22 19 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.47 1.00 1.76 318.0 10.0 282.0 2.0 0
0.00 76. 1023. 0 ADJ-A1 NoSubs
19 1 22 22 20 -11.3 0.137 -9.000 -9.000 -999. 121. 20.7 0.0230 0.47 1.00 2.27 327.0 10.0 280.9 2.0 0
0.00 76. 1024. 0 ADJ-A1 NoSubs
19 1 22 22 21 -14.3 0.155 -9.000 -9.000 -999. 147. 26.6 0.0270 0.47 1.00 2.49 335.0 10.0 279.9 2.0 0
0.00 78. 1024. 0 ADJ-A1 NoSubs
19 1 22 22 22 -15.6 0.162 -9.000 -9.000 -999. 157. 28.9 0.0270 0.47 1.00 2.59 336.0 10.0 279.2 2.0 0
0.00 82. 1024. 0 ADJ-A1 NoSubs
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0.00 78. 1024. 0 ADJ-A1 NoSubs
19 1 22 22 24 -14.3 0.155 -9.000 -9.000 -999. 147. 26.6 0.0270 0.47 1.00 2.49 330.0 10.0 278.8 2.0 0
0.00 78. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 1 -14.4 0.155 -9.000 -9.000 -999. 147. 26.6 0.0270 0.47 1.00 2.49 335.0 10.0 277.5 2.0 0
0.00 85. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 2 -10.6 0.133 -9.000 -9.000 -999. 116. 20.1 0.0270 0.47 1.00 2.15 333.0 10.0 278.1 2.0 0
0.00 79. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 3 -7.0 0.107 -9.000 -9.000 -999. 84. 15.9 0.0270 0.47 1.00 1.76 342.0 10.0 277.5 2.0 0
0.00 79. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 4 -3.2 0.072 -9.000 -9.000 -999. 47. 10.8 0.0180 0.47 1.00 1.23 299.0 10.0 276.4 2.0 0
0.00 89. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 5 -4.0 0.081 -9.000 -9.000 -999. 56. 12.2 0.0270 0.47 1.00 1.33 346.0 10.0 276.4 2.0 0
0.00 85. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 6 -4.7 0.087 -9.000 -9.000 -999. 61. 12.7 0.0230 0.47 1.00 1.47 312.0 10.0 274.9 2.0 0
0.00 88. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 7 -4.3 0.083 -9.000 -9.000 -999. 58. 12.5 0.0270 0.47 1.00 1.37 352.0 10.0 275.9 2.0 0
0.00 88. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 8 -5.7 0.096 -9.000 -9.000 -999. 72. 14.3 0.0230 0.47 0.68 1.64 314.0 10.0 276.4 2.0 0
0.00 85. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 9 4.6 0.107 0.150 0.013 26. 84. -24.1 0.0200 0.47 0.35 1.47 85.0 10.0 279.2 2.0 0
0.00 75. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 10 38.2 0.100 0.532 0.013 144. 75. -2.4 0.0280 0.47 0.24 0.99 148.0 10.0 282.0 2.0 0
0.00 65. 1025. 0 ADJ-A1 NoSubs
19 1 23 23 11 64.2 0.129 0.762 0.011 252. 111. -3.1 0.0310 0.47 0.21 1.30 158.0 10.0 285.4 2.0 0
0.00 56. 1025. 0 ADJ-A1 NoSubs
19 1 23 23 12 79.4 0.110 0.863 0.010 295. 87. -1.5 0.0310 0.47 0.19 0.99 163.0 10.0 287.5 2.0 0
0.00 48. 1024. 0 ADJ-A1 NoSubs
19 1 23 23 13 83.3 0.126 0.916 0.009 336. 108. -2.2 0.0210 0.47 0.19 1.33 216.0 10.0 289.2 2.0 0
0.00 42. 1022. 0 ADJ-A1 NoSubs
19 1 23 23 14 75.5 0.178 0.924 0.008 381. 180. -6.8 0.0180 0.47 0.20 2.23 257.0 10.0 289.2 2.0 0
0.00 43. 1022. 0 ADJ-A1 NoSubs
19 1 23 23 15 57.2 0.137 0.878 0.008 430. 122. -4.1 0.0280 0.47 0.22 1.47 121.0 10.0 291.4 2.0 0
0.00 39. 1020. 0 ADJ-A1 NoSubs
19 1 23 23 16 27.9 0.182 0.701 0.008 449. 186. -19.5 0.0210 0.47 0.27 2.44 222.0 10.0 289.9 2.0 0
0.00 53. 1020. 0 ADJ-A1 NoSubs
19 1 23 23 17 -5.0 0.137 -9.000 -9.000 -999. 122. 47.0 0.0180 0.47 0.43 2.30 266.0 10.0 287.0 2.0 0
0.00 63. 1020. 0 ADJ-A1 NoSubs
19 1 23 23 18 -5.8 0.097 -9.000 -9.000 -999. 73. 14.5 0.0230 0.47 1.00 1.65 322.0 10.0 285.4 2.0 0
0.00 71. 1020. 0 ADJ-A1 NoSubs
19 1 23 23 19 -5.4 0.095 -9.000 -9.000 -999. 70. 14.3 0.0270 0.47 1.00 1.57 332.0 10.0 283.8 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
19 1 23 23 20 -8.1 0.115 -9.000 -9.000 -999. 94. 17.3 0.0230 0.47 1.00 1.94 320.0 10.0 282.5 2.0 0

0.00 79. 1020. 0 ADJ-A1 NoSubs
19 1 23 23 21 -9.6 0.126 -9.000 -9.000 -999. 108. 19.0 0.0230 0.47 1.00 2.11 317.0 10.0 280.9 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
19 1 23 23 22 -9.8 0.128 -9.000 -9.000 -999. 110. 19.5 0.0270 0.47 1.00 2.08 338.0 10.0 280.9 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
19 1 23 23 23 -6.3 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.47 1.00 1.72 311.0 10.0 280.4 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
19 1 23 23 24 -9.8 0.128 -9.000 -9.000 -999. 109. 19.2 0.0230 0.47 1.00 2.13 315.0 10.0 280.4 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
19 1 24 24 1 -6.4 0.102 -9.000 -9.000 -999. 79. 15.3 0.0270 0.47 1.00 1.69 355.0 10.0 279.2 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
19 1 24 24 2 -2.6 0.067 -9.000 -9.000 -999. 42. 10.5 0.0180 0.47 1.00 1.09 268.0 10.0 279.9 2.0 0
0.00 85. 1019. 0 ADJ-A1 NoSubs
19 1 24 24 3 -7.8 0.114 -9.000 -9.000 -999. 92. 17.1 0.0270 0.47 1.00 1.87 337.0 10.0 278.8 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
19 1 24 24 4 -11.0 0.136 -9.000 -9.000 -999. 120. 20.7 0.0270 0.47 1.00 2.20 334.0 10.0 279.2 2.0 0
0.00 85. 1019. 0 ADJ-A1 NoSubs
19 1 24 24 5 -4.5 0.086 -9.000 -9.000 -999. 61. 12.9 0.0270 0.47 1.00 1.42 356.0 10.0 278.1 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 1 24 24 6 -3.4 0.075 -9.000 -9.000 -999. 50. 11.4 0.0230 0.47 1.00 1.25 316.0 10.0 278.1 2.0 0
0.00 88. 1018. 0 ADJ-A1 NoSubs
19 1 24 24 7 -7.3 0.110 -9.000 -9.000 -999. 88. 16.4 0.0270 0.47 1.00 1.81 330.0 10.0 277.5 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 1 24 24 8 -8.6 0.120 -9.000 -9.000 -999. 100. 18.1 0.0230 0.47 0.67 2.01 325.0 10.0 278.8 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
19 1 24 24 9 5.5 0.104 0.201 0.016 53. 81. -18.5 0.0230 0.47 0.35 1.37 1.0 10.0 282.5 2.0 0
0.00 73. 1019. 0 ADJ-A1 NoSubs
19 1 24 24 10 39.4 0.106 0.520 0.015 129. 83. -2.8 0.0280 0.47 0.24 1.08 124.0 10.0 285.4 2.0 0
0.00 61. 1018. 0 ADJ-A1 NoSubs
19 1 24 24 11 65.4 0.128 0.680 0.013 174. 110. -2.9 0.0280 0.47 0.21 1.31 146.0 10.0 288.1 2.0 0
0.00 57. 1018. 0 ADJ-A1 NoSubs
19 1 24 24 12 80.8 0.171 0.903 0.012 331. 169. -5.6 0.0280 0.47 0.19 1.91 131.0 10.0 290.4 2.0 0
0.00 49. 1017. 0 ADJ-A1 NoSubs
19 1 24 24 13 84.7 0.147 0.974 0.011 395. 135. -3.4 0.0280 0.47 0.19 1.54 120.0 10.0 291.4 2.0 0
0.00 44. 1016. 0 ADJ-A1 NoSubs
19 1 24 24 14 77.1 0.192 0.983 0.011 446. 202. -8.4 0.0170 0.47 0.20 2.49 199.0 10.0 292.0 2.0 0
0.00 48. 1015. 0 ADJ-A1 NoSubs
19 1 24 24 15 58.2 0.199 0.918 0.010 481. 213. -12.2 0.0180 0.47 0.22 2.64 248.0 10.0 292.0 2.0 0
0.00 48. 1015. 0 ADJ-A1 NoSubs
19 1 24 24 16 29.0 0.205 0.735 0.010 496. 223. -26.9 0.0180 0.47 0.27 2.90 274.0 10.0 290.9 2.0 0
0.00 51. 1015. 0 ADJ-A1 NoSubs
19 1 24 24 17 -3.5 0.113 -9.000 -9.000 -999. 95. 37.8 0.0180 0.47 0.43 1.91 278.0 10.0 289.2 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
19 1 24 24 18 -3.3 0.074 -9.000 -9.000 -999. 48. 11.1 0.0180 0.47 1.00 1.28 291.0 10.0 286.4 2.0 0
0.00 69. 1016. 0 ADJ-A1 NoSubs
19 1 24 24 19 -14.5 0.158 -9.000 -9.000 -999. 150. 27.3 0.0270 0.47 1.00 2.52 335.0 10.0 284.9 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
19 1 24 24 20 -11.1 0.137 -9.000 -9.000 -999. 122. 21.1 0.0270 0.47 1.00 2.22 336.0 10.0 283.8 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
19 1 24 24 21 -6.7 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.47 1.00 1.77 307.0 10.0 282.0 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
19 1 24 24 22 -6.0 0.100 -9.000 -9.000 -999. 76. 15.0 0.0270 0.47 1.00 1.65 351.0 10.0 281.4 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
19 1 24 24 23 -10.0 0.130 -9.000 -9.000 -999. 112. 19.8 0.0270 0.47 1.00 2.11 347.0 10.0 281.4 2.0 0

0.00 76. 1017. 0 ADJ-A1 NoSubs
19 1 24 24 24 -14.0 0.154 -9.000 -9.000 -999. 145. 26.1 0.0270 0.47 1.00 2.47 342.0 10.0 279.9 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
19 1 25 25 1 -10.2 0.131 -9.000 -9.000 -999. 113. 19.8 0.0240 0.47 1.00 2.16 43.0 10.0 282.5 2.0 0
0.00 73. 1016. 0 ADJ-A1 NoSubs
19 1 25 25 2 -8.6 0.120 -9.000 -9.000 -999. 100. 18.1 0.0270 0.47 1.00 1.96 332.0 10.0 279.2 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
19 1 25 25 3 -9.3 0.125 -9.000 -9.000 -999. 105. 18.8 0.0270 0.47 1.00 2.03 336.0 10.0 279.2 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
19 1 25 25 4 -9.6 0.127 -9.000 -9.000 -999. 108. 19.2 0.0270 0.47 1.00 2.06 340.0 10.0 279.2 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
19 1 25 25 5 -6.0 0.098 -9.000 -9.000 -999. 74. 14.4 0.0230 0.47 1.00 1.67 309.0 10.0 277.5 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 1 25 25 6 -3.8 0.080 -9.000 -9.000 -999. 54. 12.0 0.0270 0.47 1.00 1.30 357.0 10.0 277.5 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
19 1 25 25 7 -4.1 0.082 -9.000 -9.000 -999. 56. 12.2 0.0240 0.47 1.00 1.37 38.0 10.0 278.8 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
19 1 25 25 8 -9.1 0.123 -9.000 -9.000 -999. 103. 18.5 0.0200 0.47 0.66 2.10 70.0 10.0 279.9 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
19 1 25 25 9 6.1 0.152 0.148 0.011 19. 143. -52.5 0.0200 0.47 0.35 2.20 79.0 10.0 283.1 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
19 1 25 25 10 40.2 0.238 0.493 0.011 108. 279. -30.5 0.0230 0.47 0.24 3.25 103.0 10.0 286.4 2.0 0
0.00 66. 1018. 0 ADJ-A1 NoSubs
19 1 25 25 11 66.2 0.279 0.803 0.013 283. 354. -29.8 0.0230 0.47 0.21 3.80 119.0 10.0 288.8 2.0 0
0.00 59. 1018. 0 ADJ-A1 NoSubs
19 1 25 25 12 81.7 0.247 0.987 0.013 427. 295. -16.7 0.0230 0.47 0.19 3.22 116.0 10.0 290.9 2.0 0
0.00 49. 1017. 0 ADJ-A1 NoSubs
19 1 25 25 13 85.8 0.219 1.068 0.015 515. 246. -11.1 0.0280 0.47 0.19 2.64 122.0 10.0 292.5 2.0 0
0.00 48. 1016. 0 ADJ-A1 NoSubs
19 1 25 25 14 78.4 0.194 1.054 0.015 541. 206. -8.5 0.0280 0.47 0.20 2.28 120.0 10.0 293.8 2.0 0
0.00 44. 1016. 0 ADJ-A1 NoSubs
19 1 25 25 15 59.7 0.239 0.974 0.015 560. 280. -20.7 0.0230 0.47 0.22 3.17 113.0 10.0 294.2 2.0 0
0.00 43. 1015. 0 ADJ-A1 NoSubs
19 1 25 25 16 30.8 0.231 0.786 0.014 569. 266. -36.1 0.0280 0.47 0.27 3.07 120.0 10.0 294.2 2.0 0
0.00 43. 1015. 0 ADJ-A1 NoSubs
19 1 25 25 17 -4.9 0.202 -9.000 -9.000 -999. 219. 154.3 0.0230 0.47 0.42 3.18 108.0 10.0 292.0 2.0 0
0.00 49. 1015. 0 ADJ-A1 NoSubs
19 1 25 25 18 -20.2 0.205 -9.000 -9.000 -999. 223. 46.4 0.0230 0.47 1.00 3.32 98.0 10.0 289.2 2.0 0
0.00 49. 1015. 0 ADJ-A1 NoSubs
19 1 25 25 19 -6.8 0.107 -9.000 -9.000 -999. 88. 16.2 0.0270 0.47 1.00 1.76 347.0 10.0 286.4 2.0 0
0.00 69. 1016. 0 ADJ-A1 NoSubs
19 1 25 25 20 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0270 0.47 1.00 1.42 342.0 10.0 284.9 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
19 1 25 25 21 -8.0 0.115 -9.000 -9.000 -999. 93. 17.2 0.0230 0.47 1.00 1.93 301.0 10.0 282.5 2.0 0
0.00 86. 1017. 0 ADJ-A1 NoSubs
19 1 25 25 22 -6.8 0.106 -9.000 -9.000 -999. 83. 15.8 0.0230 0.47 1.00 1.79 5.0 10.0 283.1 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
19 1 25 25 23 -10.0 0.129 -9.000 -9.000 -999. 111. 19.7 0.0270 0.47 1.00 2.10 330.0 10.0 280.4 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
19 1 25 25 24 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 1.00 1.48 352.0 10.0 281.4 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 1 -11.9 0.141 -9.000 -9.000 -999. 126. 21.7 0.0200 0.47 1.00 2.38 73.0 10.0 283.1 2.0 0
0.00 70. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 2 -10.1 0.130 -9.000 -9.000 -999. 112. 19.6 0.0230 0.47 1.00 2.16 23.0 10.0 282.0 2.0 0

0.00 76. 1019. 0 ADJ-A1 NoSubs
19 1 26 26 3 -13.4 0.151 -9.000 -9.000 -999. 141. 25.0 0.0270 0.47 1.00 2.42 351.0 10.0 281.4 2.0 0
0.00 76. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 4 -3.5 0.075 -9.000 -9.000 -999. 51. 11.1 0.0180 0.47 1.00 1.30 263.0 10.0 280.4 2.0 0
0.00 79. 1019. 0 ADJ-A1 NoSubs
19 1 26 26 5 -7.7 0.112 -9.000 -9.000 -999. 90. 16.7 0.0230 0.47 1.00 1.89 13.0 10.0 279.9 2.0 0
0.00 82. 1019. 0 ADJ-A1 NoSubs
19 1 26 26 6 -16.1 0.166 -9.000 -9.000 -999. 162. 30.1 0.0270 0.47 1.00 2.64 333.0 10.0 279.9 2.0 0
0.00 78. 1019. 0 ADJ-A1 NoSubs
19 1 26 26 7 -6.6 0.104 -9.000 -9.000 -999. 81. 15.3 0.0230 0.47 1.00 1.76 306.0 10.0 278.8 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
19 1 26 26 8 -4.0 0.081 -9.000 -9.000 -999. 55. 11.9 0.0180 0.47 0.66 1.42 292.0 10.0 280.9 2.0 0
0.00 73. 1020. 0 ADJ-A1 NoSubs
19 1 26 26 9 6.7 0.105 0.172 0.006 27. 82. -15.7 0.0180 0.47 0.34 1.43 273.0 10.0 283.8 2.0 0
0.00 65. 1020. 0 ADJ-A1 NoSubs
19 1 26 26 10 40.9 0.095 0.418 0.007 65. 70. -1.9 0.0230 0.47 0.24 0.96 24.0 10.0 286.4 2.0 0
0.00 59. 1020. 0 ADJ-A1 NoSubs
19 1 26 26 11 66.9 0.129 0.699 0.005 185. 112. -2.9 0.0280 0.47 0.21 1.33 136.0 10.0 288.8 2.0 0
0.00 55. 1020. 0 ADJ-A1 NoSubs
19 1 26 26 12 82.3 0.147 1.074 0.018 547. 135. -3.5 0.0280 0.47 0.19 1.54 125.0 10.0 290.4 2.0 0
0.00 49. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 13 86.4 0.195 1.142 0.018 626. 207. -7.8 0.0280 0.47 0.19 2.27 121.0 10.0 292.0 2.0 0
0.00 48. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 14 79.3 0.140 1.144 0.018 686. 126. -3.1 0.0280 0.47 0.20 1.45 134.0 10.0 293.8 2.0 0
0.00 43. 1017. 0 ADJ-A1 NoSubs
19 1 26 26 15 60.6 0.220 1.055 0.018 704. 248. -16.0 0.0230 0.47 0.21 2.86 104.0 10.0 294.2 2.0 0
0.00 40. 1017. 0 ADJ-A1 NoSubs
19 1 26 26 16 31.5 0.213 0.852 0.018 712. 236. -27.7 0.0200 0.47 0.27 2.96 69.0 10.0 293.8 2.0 0
0.00 40. 1017. 0 ADJ-A1 NoSubs
19 1 26 26 17 -3.2 0.151 -9.000 -9.000 -999. 142. 97.5 0.0200 0.47 0.42 2.45 65.0 10.0 291.4 2.0 0
0.00 44. 1017. 0 ADJ-A1 NoSubs
19 1 26 26 18 -12.7 0.146 -9.000 -9.000 -999. 135. 23.6 0.0200 0.47 1.00 2.47 71.0 10.0 289.9 2.0 0
0.00 45. 1017. 0 ADJ-A1 NoSubs
19 1 26 26 19 -4.1 0.082 -9.000 -9.000 -999. 57. 12.4 0.0240 0.47 1.00 1.38 30.0 10.0 287.5 2.0 0
0.00 66. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 20 -6.1 0.101 -9.000 -9.000 -999. 77. 15.3 0.0270 0.47 1.00 1.67 347.0 10.0 285.9 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 21 -6.4 0.103 -9.000 -9.000 -999. 79. 15.5 0.0270 0.47 1.00 1.70 338.0 10.0 284.9 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 22 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.47 1.00 1.26 8.0 10.0 284.9 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 23 -3.9 0.081 -9.000 -9.000 -999. 55. 12.1 0.0240 0.47 1.00 1.35 36.0 10.0 283.8 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
19 1 26 26 24 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.47 1.00 1.30 334.0 10.0 282.5 2.0 0
0.00 76. 1018. 0 ADJ-A1 NoSubs
19 1 27 27 1 -10.5 0.133 -9.000 -9.000 -999. 117. 20.4 0.0270 0.47 1.00 2.16 334.0 10.0 282.5 2.0 0
0.00 73. 1018. 0 ADJ-A1 NoSubs
19 1 27 27 2 -5.2 0.092 -9.000 -9.000 -999. 68. 13.8 0.0270 0.47 1.00 1.53 342.0 10.0 281.4 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
19 1 27 27 3 -2.2 0.063 -9.000 -9.000 -999. 38. 10.7 0.0200 0.47 1.00 0.96 65.0 10.0 283.1 2.0 0
0.00 76. 1018. 0 ADJ-A1 NoSubs
19 1 27 27 4 -2.8 0.069 -9.000 -9.000 -999. 44. 10.6 0.0180 0.47 1.00 1.16 295.0 10.0 282.0 2.0 0
0.00 79. 1017. 0 ADJ-A1 NoSubs
19 1 27 27 5 -1.8 0.062 -9.000 -9.000 -999. 37. 11.9 0.0280 0.47 1.00 0.79 122.0 10.0 282.0 2.0 0

0.00 82. 1017. 0 ADJ-A1 NoSubs
19 1 27 27 6 -2.7 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.47 1.00 1.08 8.0 10.0 281.4 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
19 1 27 27 7 -6.3 0.101 -9.000 -9.000 -999. 77. 15.0 0.0230 0.47 1.00 1.72 301.0 10.0 280.9 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
19 1 27 27 8 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.47 0.65 1.01 305.0 10.0 282.0 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
19 1 27 27 9 7.5 0.069 0.204 0.018 41. 43. -3.9 0.0200 0.47 0.34 0.79 87.0 10.0 284.9 2.0 0
0.00 71. 1017. 0 ADJ-A1 NoSubs
19 1 27 27 10 41.6 0.148 0.510 0.014 115. 136. -7.0 0.0230 0.47 0.24 1.77 110.0 10.0 287.0 2.0 0
0.00 63. 1017. 0 ADJ-A1 NoSubs
19 1 27 27 11 68.2 0.182 0.699 0.012 181. 187. -8.1 0.0230 0.47 0.20 2.22 119.0 10.0 290.9 2.0 0
0.00 51. 1016. 0 ADJ-A1 NoSubs
19 1 27 27 12 84.0 0.259 0.822 0.009 240. 316. -18.7 0.0230 0.47 0.19 3.41 118.0 10.0 293.8 2.0 0
0.00 44. 1015. 0 ADJ-A1 NoSubs
19 1 27 27 13 88.3 0.259 0.950 0.010 351. 316. -17.7 0.0230 0.47 0.19 3.39 114.0 10.0 295.4 2.0 0
0.00 40. 1014. 0 ADJ-A1 NoSubs
19 1 27 27 14 80.6 0.223 0.995 0.012 442. 253. -12.4 0.0280 0.47 0.20 2.72 135.0 10.0 295.4 2.0 0
0.00 39. 1013. 0 ADJ-A1 NoSubs
19 1 27 27 15 61.8 0.167 0.950 0.013 500. 164. -6.8 0.0310 0.47 0.21 1.87 175.0 10.0 295.4 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
19 1 27 27 16 32.5 0.182 0.780 0.013 527. 187. -16.8 0.0210 0.47 0.26 2.42 238.0 10.0 294.2 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
19 1 27 27 17 -1.9 0.116 -9.000 -9.000 -999. 96. 74.0 0.0180 0.47 0.41 1.93 281.0 10.0 292.0 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
19 1 27 27 18 -2.9 0.071 -9.000 -9.000 -999. 46. 11.1 0.0230 0.47 1.00 1.16 315.0 10.0 289.9 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
19 1 27 27 19 -7.4 0.112 -9.000 -9.000 -999. 90. 17.1 0.0270 0.47 1.00 1.84 334.0 10.0 287.5 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
19 1 27 27 20 -11.5 0.141 -9.000 -9.000 -999. 127. 21.8 0.0270 0.47 1.00 2.27 333.0 10.0 286.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
19 1 27 27 21 -13.4 0.152 -9.000 -9.000 -999. 143. 25.5 0.0270 0.47 1.00 2.44 332.0 10.0 285.4 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
19 1 27 27 22 -9.9 0.129 -9.000 -9.000 -999. 112. 19.8 0.0270 0.47 1.00 2.10 334.0 10.0 284.2 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
19 1 27 27 23 -7.5 0.112 -9.000 -9.000 -999. 90. 17.0 0.0270 0.47 1.00 1.84 344.0 10.0 284.2 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
19 1 27 27 24 -2.6 0.067 -9.000 -9.000 -999. 42. 10.5 0.0180 0.47 1.00 1.11 285.0 10.0 284.2 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
19 1 28 28 1 -8.4 0.119 -9.000 -9.000 -999. 98. 18.0 0.0270 0.47 1.00 1.94 344.0 10.0 283.1 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
19 1 28 28 2 -7.0 0.108 -9.000 -9.000 -999. 85. 16.1 0.0230 0.47 1.00 1.82 310.0 10.0 283.1 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
19 1 28 28 3 -3.5 0.077 -9.000 -9.000 -999. 51. 11.5 0.0210 0.47 1.00 1.30 232.0 10.0 283.1 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
19 1 28 28 4 -1.0 0.054 -9.000 -9.000 -999. 30. 14.3 0.0180 0.47 1.00 0.53 280.0 10.0 283.1 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
19 1 28 28 5 -4.0 0.081 -9.000 -9.000 -999. 55. 11.8 0.0180 0.47 1.00 1.42 293.0 10.0 283.1 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
19 1 28 28 6 -3.1 0.073 -9.000 -9.000 -999. 47. 11.4 0.0270 0.47 1.00 1.16 357.0 10.0 282.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 1 28 28 7 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.47 1.00 1.47 356.0 10.0 281.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 1 28 28 8 -6.0 0.101 -9.000 -9.000 -999. 77. 15.3 0.0230 0.47 0.65 1.71 325.0 10.0 282.5 2.0 0

0.00 86. 1012. 0 ADJ-A1 NoSubs
19 1 28 28 9 7.9 0.115 0.227 0.019 53. 93. -17.2 0.0230 0.47 0.34 1.50 322.0 10.0 284.2 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 1 28 28 10 41.9 0.127 0.579 0.018 167. 108. -4.4 0.0240 0.47 0.24 1.42 30.0 10.0 284.9 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
19 1 28 28 11 68.4 0.140 0.758 0.016 230. 126. -3.6 0.0230 0.47 0.20 1.55 110.0 10.0 288.8 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
19 1 28 28 12 84.1 0.128 0.878 0.015 290. 110. -2.3 0.0230 0.47 0.19 1.33 93.0 10.0 291.4 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
19 1 28 28 13 88.1 0.180 0.941 0.013 341. 183. -6.0 0.0170 0.47 0.19 2.25 209.0 10.0 292.0 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
19 1 28 28 14 79.7 0.283 0.944 0.012 380. 360. -25.5 0.0180 0.47 0.19 3.98 269.0 10.0 289.2 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
19 1 28 28 15 61.2 0.160 0.888 0.011 413. 162. -6.0 0.0180 0.47 0.21 1.98 242.0 10.0 290.4 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
19 1 28 28 16 32.3 0.132 0.729 0.011 433. 115. -6.4 0.0280 0.47 0.26 1.50 136.0 10.0 290.4 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 1 28 28 17 -2.1 0.118 -9.000 -9.000 -999. 97. 71.4 0.0170 0.47 0.41 1.98 194.0 10.0 288.1 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 1 28 28 18 -3.3 0.075 -9.000 -9.000 -999. 49. 11.3 0.0210 0.47 1.00 1.26 215.0 10.0 287.5 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 1 28 28 19 -2.2 0.064 -9.000 -9.000 -999. 39. 10.8 0.0210 0.47 1.00 0.96 232.0 10.0 285.9 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 1 28 28 20 -4.3 0.083 -9.000 -9.000 -999. 58. 12.2 0.0180 0.47 1.00 1.47 261.0 10.0 286.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 1 28 28 21 -3.9 0.080 -9.000 -9.000 -999. 54. 11.7 0.0180 0.47 1.00 1.40 243.0 10.0 285.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 1 28 28 22 -3.2 0.073 -9.000 -9.000 -999. 47. 11.0 0.0180 0.47 1.00 1.26 286.0 10.0 285.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 1 28 28 23 -4.0 0.082 -9.000 -9.000 -999. 57. 12.5 0.0270 0.47 1.00 1.35 346.0 10.0 284.2 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 1 28 28 24 -6.6 0.106 -9.000 -9.000 -999. 82. 15.9 0.0270 0.47 1.00 1.74 342.0 10.0 283.8 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
19 1 29 29 1 -6.0 0.098 -9.000 -9.000 -999. 74. 14.3 0.0180 0.47 1.00 1.74 295.0 10.0 282.5 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
19 1 29 29 2 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0230 0.47 1.00 1.77 316.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 1 29 29 3 -2.6 0.068 -9.000 -9.000 -999. 43. 11.2 0.0270 0.47 1.00 1.04 331.0 10.0 282.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 1 29 29 4 -4.9 0.090 -9.000 -9.000 -999. 65. 13.4 0.0240 0.47 1.00 1.52 33.0 10.0 282.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 1 29 29 5 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 26.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 29 29 6 -5.7 0.097 -9.000 -9.000 -999. 73. 14.4 0.0230 0.47 1.00 1.65 313.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 29 29 7 -7.0 0.109 -9.000 -9.000 -999. 86. 16.4 0.0270 0.47 1.00 1.79 330.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 1 29 29 8 -4.2 0.085 -9.000 -9.000 -999. 59. 13.0 0.0270 0.47 0.64 1.40 351.0 10.0 284.2 2.0 11
0.30 100. 1010. 10 ADJ-A1 NoSubs
19 1 29 29 9 0.3 0.092 0.051 0.018 17. 67. -244.2 0.0230 0.47 0.34 1.37 101.0 10.0 284.9 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
19 1 29 29 10 9.0 0.105 0.288 0.018 95. 81. -11.5 0.0170 0.47 0.24 1.40 181.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 1 29 29 11 15.7 0.082 0.417 0.018 166. 56. -3.2 0.0200 0.47 0.20 0.92 69.0 10.0 287.0 2.0 0

0.00 89. 1011. 10 ADJ-A1 NoSubs
19 1 29 29 12 87.7 0.127 0.929 0.016 329. 109. -2.1 0.0310 0.47 0.19 1.21 157.0 10.0 289.2 2.0 0
0.00 74. 1010. 3 ADJ-A1 NoSubs
19 1 29 29 13 88.2 0.209 0.963 0.015 365. 230. -9.4 0.0170 0.47 0.19 2.74 196.0 10.0 289.2 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 1 29 29 14 80.9 0.156 0.961 0.013 395. 149. -4.2 0.0170 0.47 0.19 1.88 198.0 10.0 290.4 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
19 1 29 29 15 61.7 0.268 0.894 0.012 416. 333. -28.1 0.0180 0.47 0.21 3.80 251.0 10.0 288.8 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 1 29 29 16 32.6 0.219 0.729 0.012 426. 248. -29.2 0.0180 0.47 0.26 3.12 241.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 1 29 29 17 -2.9 0.186 -9.000 -9.000 -999. 193. 201.8 0.0170 0.47 0.40 3.05 207.0 10.0 287.0 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 1 29 29 18 -18.9 0.191 -9.000 -9.000 -999. 200. 40.1 0.0280 0.47 1.00 3.00 148.0 10.0 285.4 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
19 1 29 29 19 -12.3 0.146 -9.000 -9.000 -999. 134. 23.4 0.0280 0.47 1.00 2.33 145.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 1 29 29 20 -3.1 0.073 -9.000 -9.000 -999. 49. 11.3 0.0230 0.47 1.00 1.20 103.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 1 29 29 21 -4.0 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.47 1.00 1.38 105.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 1 29 29 22 -4.1 0.082 -9.000 -9.000 -999. 56. 12.1 0.0200 0.47 1.00 1.42 78.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 1 29 29 23 -2.9 0.070 -9.000 -9.000 -999. 44. 10.8 0.0200 0.47 1.00 1.16 61.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 29 29 24 -1.8 0.062 -9.000 -9.000 -999. 37. 11.7 0.0270 0.47 1.00 0.82 334.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 1 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.47 1.00 1.14 286.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 2 -2.1 0.063 -9.000 -9.000 -999. 38. 10.6 0.0180 0.47 1.00 0.96 287.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 3 -1.6 0.059 -9.000 -9.000 -999. 35. 12.1 0.0240 0.47 1.00 0.74 46.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 4 -3.7 0.079 -9.000 -9.000 -999. 54. 12.2 0.0310 0.47 1.00 1.26 152.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 5 -2.4 0.067 -9.000 -9.000 -999. 42. 11.2 0.0280 0.47 1.00 0.99 143.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 6 -1.6 0.060 -9.000 -9.000 -999. 35. 12.0 0.0240 0.47 1.00 0.75 44.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 7 -2.7 0.069 -9.000 -9.000 -999. 43. 11.0 0.0240 0.47 1.00 1.08 30.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 8 -3.6 0.078 -9.000 -9.000 -999. 53. 12.0 0.0240 0.47 0.63 1.31 50.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 9 0.2 0.092 0.029 0.008 4. 67. -298.2 0.0240 0.47 0.33 1.37 36.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 10 8.8 0.108 0.368 0.018 205. 85. -13.0 0.0230 0.47 0.24 1.38 96.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 11 15.4 0.098 0.508 0.021 305. 73. -5.5 0.0180 0.47 0.20 1.20 280.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 1 30 30 12 84.8 0.126 1.076 0.022 529. 107. -2.1 0.0310 0.47 0.19 1.20 154.0 10.0 287.5 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 1 30 30 13 88.9 0.144 1.106 0.021 547. 131. -3.0 0.0170 0.47 0.19 1.65 200.0 10.0 288.8 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
19 1 30 30 14 81.2 0.185 1.077 0.019 553. 190. -6.9 0.0210 0.47 0.19 2.25 213.0 10.0 288.1 2.0 0

0.00 80. 1006. 0 ADJ-A1 NoSubs
19 1 30 30 15 62.2 0.211 0.989 0.018 557. 233. -13.6 0.0170 0.47 0.21 2.86 197.0 10.0 287.0 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
19 1 30 30 16 32.9 0.202 0.801 0.018 559. 218. -22.4 0.0210 0.47 0.26 2.74 210.0 10.0 285.4 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
19 1 30 30 17 -1.1 0.088 -9.000 -9.000 -999. 71. 56.0 0.0230 0.47 0.40 1.42 106.0 10.0 285.9 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
19 1 30 30 18 -2.1 0.063 -9.000 -9.000 -999. 38. 10.8 0.0200 0.47 1.00 0.94 89.0 10.0 285.9 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
19 1 30 30 19 -1.7 0.060 -9.000 -9.000 -999. 35. 11.0 0.0180 0.47 1.00 0.84 274.0 10.0 285.4 2.0 0
0.00 89. 1005. 7 ADJ-A1 NoSubs
19 1 30 30 20 -2.6 0.069 -9.000 -9.000 -999. 43. 11.2 0.0270 0.47 1.00 1.06 335.0 10.0 285.4 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
19 1 30 30 21 -3.2 0.073 -9.000 -9.000 -999. 47. 11.0 0.0180 0.47 1.00 1.26 274.0 10.0 284.9 2.0 0
0.00 92. 1005. 7 ADJ-A1 NoSubs
19 1 30 30 22 -2.9 0.070 -9.000 -9.000 -999. 44. 10.7 0.0180 0.47 1.00 1.18 282.0 10.0 284.2 2.0 0
0.00 96. 1005. 0 ADJ-A1 NoSubs
19 1 30 30 23 -7.4 0.111 -9.000 -9.000 -999. 89. 16.7 0.0230 0.47 1.00 1.88 302.0 10.0 285.4 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
19 1 30 30 24 -16.3 0.166 -9.000 -9.000 -999. 163. 30.5 0.0180 0.47 1.00 2.83 288.0 10.0 284.9 2.0 11
0.30 89. 1006. 10 ADJ-A1 NoSubs
19 1 31 31 1 -7.5 0.112 -9.000 -9.000 -999. 91. 16.8 0.0230 0.47 1.00 1.89 308.0 10.0 284.2 2.0 11
0.50 92. 1006. 10 ADJ-A1 NoSubs
19 1 31 31 2 -5.0 0.092 -9.000 -9.000 -999. 67. 13.8 0.0270 0.47 1.00 1.52 351.0 10.0 283.8 2.0 11
3.80 96. 1005. 10 ADJ-A1 NoSubs
19 1 31 31 3 -3.9 0.081 -9.000 -9.000 -999. 55. 12.1 0.0240 0.47 1.00 1.35 32.0 10.0 283.8 2.0 11
6.10 100. 1006. 10 ADJ-A1 NoSubs
19 1 31 31 4 -8.4 0.119 -9.000 -9.000 -999. 98. 17.8 0.0230 0.47 1.00 1.99 28.0 10.0 283.8 2.0 11
7.10 100. 1005. 10 ADJ-A1 NoSubs
19 1 31 31 5 -10.2 0.130 -9.000 -9.000 -999. 112. 19.3 0.0170 0.47 1.00 2.27 185.0 10.0 283.8 2.0 11
0.80 100. 1005. 10 ADJ-A1 NoSubs
19 1 31 31 6 -4.0 0.081 -9.000 -9.000 -999. 55. 11.8 0.0170 0.47 1.00 1.43 187.0 10.0 283.8 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
19 1 31 31 7 -5.3 0.094 -9.000 -9.000 -999. 69. 14.0 0.0240 0.47 1.00 1.59 45.0 10.0 283.8 2.0 0
0.00 96. 1006. 3 ADJ-A1 NoSubs
19 1 31 31 8 -12.6 0.150 -9.000 -9.000 -999. 139. 24.7 0.0270 0.47 0.63 2.40 330.0 10.0 283.1 2.0 0
0.00 100. 1006. 0 ADJ-A1 NoSubs
19 1 31 31 9 9.9 0.120 0.305 0.007 103. 100. -15.9 0.0180 0.47 0.33 1.64 291.0 10.0 285.4 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 1 31 31 10 44.4 0.124 0.639 0.006 210. 105. -3.9 0.0170 0.47 0.24 1.48 186.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 1 31 31 11 60.5 0.137 0.796 0.005 300. 121. -3.8 0.0310 0.47 0.20 1.42 167.0 10.0 287.5 2.0 0
0.00 80. 1008. 7 ADJ-A1 NoSubs
19 1 31 31 12 19.7 0.188 0.562 0.005 323. 196. -30.4 0.0170 0.47 0.19 2.71 182.0 10.0 286.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 1 31 31 13 20.8 0.134 0.586 0.005 347. 118. -10.3 0.0310 0.47 0.19 1.57 169.0 10.0 287.0 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 1 31 31 14 19.1 0.156 0.587 0.005 382. 148. -17.9 0.0310 0.47 0.19 1.93 161.0 10.0 287.5 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
19 1 31 31 15 67.1 0.152 1.019 0.005 567. 142. -4.7 0.0230 0.47 0.21 1.74 112.0 10.0 288.8 2.0 0
0.00 74. 1007. 3 ADJ-A1 NoSubs
19 1 31 31 16 34.6 0.135 0.844 0.005 624. 120. -6.5 0.0170 0.47 0.26 1.71 182.0 10.0 288.8 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
19 1 31 31 17 -0.7 0.166 -9.000 -9.000 -999. 162. 553.0 0.0280 0.47 0.39 2.47 142.0 10.0 288.8 2.0 0

0.00 74. 1007. 0 ADJ-A1 NoSubs
19 1 31 31 18 -19.2 0.196 -9.000 -9.000 -999. 208. 42.1 0.0230 0.47 1.00 3.17 111.0 10.0 287.0 2.0 0
0.00 83. 1006. 0 ADJ-A1 NoSubs
19 1 31 31 19 -5.9 0.098 -9.000 -9.000 -999. 78. 14.5 0.0200 0.47 1.00 1.71 68.0 10.0 285.9 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
19 1 31 31 20 -5.0 0.092 -9.000 -9.000 -999. 67. 13.8 0.0270 0.47 1.00 1.52 347.0 10.0 283.8 2.0 0
0.00 96. 1007. 3 ADJ-A1 NoSubs
19 1 31 31 21 -19.8 0.201 -9.000 -9.000 -999. 216. 44.4 0.0210 0.47 1.00 3.30 236.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 1 31 31 22 -21.6 0.218 -9.000 -9.000 -999. 245. 52.4 0.0180 0.47 1.00 3.66 260.0 10.0 285.4 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
19 1 31 31 23 -17.8 0.180 -9.000 -9.000 -999. 184. 35.7 0.0180 0.47 1.00 3.05 263.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 1 31 31 24 -12.6 0.145 -9.000 -9.000 -999. 133. 23.1 0.0180 0.47 1.00 2.49 259.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 2 1 32 1 -11.4 0.138 -9.000 -9.000 -999. 123. 21.0 0.0180 0.47 1.00 2.38 271.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 2 1 32 2 -2.6 0.068 -9.000 -9.000 -999. 44. 11.2 0.0270 0.47 1.00 1.04 343.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 2 1 32 3 -4.9 0.091 -9.000 -9.000 -999. 65. 13.5 0.0240 0.47 1.00 1.53 51.0 10.0 285.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 2 1 32 4 -2.6 0.068 -9.000 -9.000 -999. 42. 11.0 0.0240 0.47 1.00 1.06 58.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 2 1 32 5 -4.1 0.083 -9.000 -9.000 -999. 57. 12.2 0.0200 0.47 1.00 1.43 81.0 10.0 284.9 2.0 0
0.00 96. 1007. 7 ADJ-A1 NoSubs
19 2 1 32 6 -10.7 0.134 -9.000 -9.000 -999. 118. 20.2 0.0200 0.47 1.00 2.28 69.0 10.0 283.8 2.0 0
0.00 100. 1006. 0 ADJ-A1 NoSubs
19 2 1 32 7 -2.4 0.066 -9.000 -9.000 -999. 42. 10.7 0.0200 0.47 1.00 1.03 75.0 10.0 283.1 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
19 2 1 32 8 -5.4 0.096 -9.000 -9.000 -999. 71. 14.5 0.0180 0.47 0.62 1.69 285.0 10.0 283.1 2.0 0
0.00 100. 1007. 0 ADJ-A1 NoSubs
19 2 1 32 9 10.4 0.168 0.446 0.005 305. 166. -41.0 0.0180 0.47 0.33 2.44 259.0 10.0 284.9 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
19 2 1 32 10 44.8 0.191 0.870 0.005 527. 200. -13.9 0.0170 0.47 0.23 2.59 195.0 10.0 285.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 2 1 32 11 74.4 0.154 1.098 0.005 639. 146. -4.5 0.0170 0.47 0.20 1.87 182.0 10.0 285.9 2.0 0
0.00 82. 1007. 3 ADJ-A1 NoSubs
19 2 1 32 12 86.5 0.208 1.218 0.005 750. 228. -9.4 0.0230 0.47 0.19 2.57 111.0 10.0 287.5 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
19 2 1 32 13 21.2 0.153 0.773 0.005 782. 144. -15.1 0.0310 0.47 0.19 1.86 169.0 10.0 287.5 2.0 0
0.00 71. 1005. 10 ADJ-A1 NoSubs
19 2 1 32 14 19.2 0.311 0.758 0.005 812. 417. -141.0 0.0280 0.47 0.19 4.41 141.0 10.0 287.0 2.0 0
0.00 74. 1004. 10 ADJ-A1 NoSubs
19 2 1 32 15 14.6 0.233 0.699 0.005 834. 273. -77.6 0.0280 0.47 0.21 3.23 131.0 10.0 287.5 2.0 0
0.00 80. 1003. 10 ADJ-A1 NoSubs
19 2 1 32 16 7.4 0.233 0.559 0.005 845. 269. -153.1 0.0230 0.47 0.25 3.42 117.0 10.0 287.5 2.0 0
0.00 74. 1002. 10 ADJ-A1 NoSubs
19 2 1 32 17 -6.7 0.223 -9.000 -9.000 -999. 253. 148.7 0.0230 0.47 0.39 3.51 109.0 10.0 286.4 2.0 11
0.30 86. 1001. 10 ADJ-A1 NoSubs
19 2 1 32 18 -20.0 0.204 -9.000 -9.000 -999. 221. 45.6 0.0200 0.47 1.00 3.37 87.0 10.0 285.4 2.0 11
0.80 89. 1000. 10 ADJ-A1 NoSubs
19 2 1 32 19 -19.9 0.203 -9.000 -9.000 -999. 219. 45.2 0.0230 0.47 1.00 3.28 100.0 10.0 285.4 2.0 11
0.30 89. 1001. 10 ADJ-A1 NoSubs
19 2 1 32 20 -44.9 0.460 -9.000 -9.000 -999. 748. 232.6 0.0280 0.47 1.00 6.96 135.0 10.0 286.4 2.0 0

0.00 77. 1000. 10 ADJ-A1 NoSubs
19 2 1 32 21 -52.2 0.534 -9.000 -9.000 -999. 935. 313.3 0.0280 0.47 1.00 8.03 133.0 10.0 285.9 2.0 11
0.50 79. 999. 10 ADJ-A1 NoSubs
19 2 1 32 22 -41.8 0.427 -9.000 -9.000 -999. 679. 200.3 0.0280 0.47 1.00 6.48 123.0 10.0 285.4 2.0 11
0.50 82. 998. 10 ADJ-A1 NoSubs
19 2 1 32 23 -27.0 0.276 -9.000 -9.000 -999. 366. 83.9 0.0230 0.47 1.00 4.41 92.0 10.0 285.4 2.0 11
0.50 86. 998. 10 ADJ-A1 NoSubs
19 2 1 32 24 -23.0 0.235 -9.000 -9.000 -999. 275. 60.8 0.0230 0.47 1.00 3.78 95.0 10.0 285.4 2.0 11
1.30 86. 996. 10 ADJ-A1 NoSubs
19 2 2 33 1 -29.1 0.298 -9.000 -9.000 -999. 391. 97.9 0.0230 0.47 1.00 4.75 99.0 10.0 285.4 2.0 0
0.00 82. 995. 10 ADJ-A1 NoSubs
19 2 2 33 2 -40.5 0.417 -9.000 -9.000 -999. 646. 191.4 0.0230 0.47 1.00 6.55 119.0 10.0 286.4 2.0 0
0.00 77. 994. 10 ADJ-A1 NoSubs
19 2 2 33 3 -47.0 0.485 -9.000 -9.000 -999. 809. 258.4 0.0280 0.47 1.00 7.32 129.0 10.0 286.4 2.0 11
0.50 80. 993. 10 ADJ-A1 NoSubs
19 2 2 33 4 -50.7 0.524 -9.000 -9.000 -999. 909. 302.1 0.0280 0.47 1.00 7.89 127.0 10.0 287.0 2.0 11
0.30 77. 992. 10 ADJ-A1 NoSubs
19 2 2 33 5 -48.2 0.492 -9.000 -9.000 -999. 829. 266.0 0.0170 0.47 1.00 8.05 184.0 10.0 283.8 2.0 11
11.70 96. 994. 10 ADJ-A1 NoSubs
19 2 2 33 6 -32.4 0.332 -9.000 -9.000 -999. 479. 120.9 0.0310 0.47 1.00 5.00 176.0 10.0 284.2 2.0 11
2.50 92. 994. 10 ADJ-A1 NoSubs
19 2 2 33 7 -27.4 0.279 -9.000 -9.000 -999. 356. 85.8 0.0310 0.47 1.00 4.24 150.0 10.0 283.8 2.0 11
0.30 89. 994. 10 ADJ-A1 NoSubs
19 2 2 33 8 -8.6 0.122 -9.000 -9.000 -999. 124. 18.6 0.0200 0.47 0.61 2.08 63.0 10.0 283.1 2.0 11
4.30 96. 994. 10 ADJ-A1 NoSubs
19 2 2 33 9 0.7 0.186 0.084 0.005 29. 192. -790.5 0.0280 0.47 0.33 2.71 129.0 10.0 283.8 2.0 11
2.80 96. 996. 10 ADJ-A1 NoSubs
19 2 2 33 10 9.4 0.326 0.346 0.005 156. 447. -327.3 0.0280 0.47 0.23 4.71 139.0 10.0 284.2 2.0 11
2.50 96. 996. 10 ADJ-A1 NoSubs
19 2 2 33 11 16.1 0.271 0.499 0.005 274. 341. -110.1 0.0170 0.47 0.20 4.15 182.0 10.0 285.4 2.0 11
1.80 92. 996. 10 ADJ-A1 NoSubs
19 2 2 33 12 73.6 0.419 1.047 0.005 554. 651. -88.8 0.0170 0.47 0.19 6.36 199.0 10.0 287.5 2.0 11
0.50 83. 996. 7 ADJ-A1 NoSubs
19 2 2 33 13 76.7 0.504 1.153 0.005 711. 857. -147.8 0.0170 0.47 0.19 7.77 208.0 10.0 287.5 2.0 0
0.00 74. 996. 7 ADJ-A1 NoSubs
19 2 2 33 14 87.1 0.537 1.261 0.005 818. 944. -157.8 0.0170 0.47 0.19 8.30 202.0 10.0 287.5 2.0 0
0.00 69. 995. 3 ADJ-A1 NoSubs
19 2 2 33 15 68.5 0.550 1.193 0.005 880. 978. -215.3 0.0170 0.47 0.21 8.56 197.0 10.0 287.0 2.0 0
0.00 71. 995. 3 ADJ-A1 NoSubs
19 2 2 33 16 39.4 0.507 1.005 0.005 913. 870. -293.5 0.0170 0.47 0.25 7.94 194.0 10.0 286.4 2.0 0
0.00 66. 994. 5 ADJ-A1 NoSubs
19 2 2 33 17 5.8 0.419 0.533 0.005 918. 658. -1118.2 0.0170 0.47 0.38 6.65 188.0 10.0 286.4 2.0 0
0.00 66. 994. 7 ADJ-A1 NoSubs
19 2 2 33 18 -35.0 0.358 -9.000 -9.000 -999. 517. 140.9 0.0310 0.47 1.00 5.38 170.0 10.0 284.9 2.0 11
0.50 76. 994. 10 ADJ-A1 NoSubs
19 2 2 33 19 -22.5 0.229 -9.000 -9.000 -999. 274. 57.8 0.0280 0.47 1.00 3.57 148.0 10.0 283.8 2.0 11
2.80 85. 994. 10 ADJ-A1 NoSubs
19 2 2 33 20 -27.7 0.282 -9.000 -9.000 -999. 360. 87.6 0.0280 0.47 1.00 4.36 122.0 10.0 283.1 2.0 11
2.80 89. 993. 10 ADJ-A1 NoSubs
19 2 2 33 21 -32.5 0.332 -9.000 -9.000 -999. 458. 121.0 0.0230 0.47 1.00 5.26 116.0 10.0 283.1 2.0 11
1.00 89. 992. 10 ADJ-A1 NoSubs
19 2 2 33 22 -51.9 0.529 -9.000 -9.000 -999. 923. 307.5 0.0280 0.47 1.00 7.96 142.0 10.0 283.1 2.0 11
1.00 92. 993. 10 ADJ-A1 NoSubs
19 2 2 33 23 -35.8 0.365 -9.000 -9.000 -999. 552. 146.6 0.0280 0.47 1.00 5.58 148.0 10.0 283.1 2.0 11

3.30 96. 994. 10 ADJ-A1 NoSubs
19 2 2 33 24 -42.5 0.434 -9.000 -9.000 -999. 685. 207.0 0.0310 0.47 1.00 6.47 157.0 10.0 283.8 2.0 11
1.30 96. 994. 10 ADJ-A1 NoSubs
19 2 3 34 1 -36.8 0.377 -9.000 -9.000 -999. 558. 156.4 0.0170 0.47 1.00 6.24 185.0 10.0 284.9 2.0 11
0.80 96. 994. 10 ADJ-A1 NoSubs
19 2 3 34 2 -61.8 0.632 -9.000 -9.000 -999. 1207. 440.0 0.0170 0.47 1.00 10.26 200.0 10.0 284.9 2.0 11
1.80 100. 994. 10 ADJ-A1 NoSubs
19 2 3 34 3 -63.8 0.654 -9.000 -9.000 -999. 1268. 470.7 0.0170 0.47 1.00 10.60 206.0 10.0 285.4 2.0 11
1.80 96. 995. 10 ADJ-A1 NoSubs
19 2 3 34 4 -46.1 0.472 -9.000 -9.000 -999. 811. 244.7 0.0210 0.47 1.00 7.48 221.0 10.0 285.4 2.0 11
0.30 92. 996. 10 ADJ-A1 NoSubs
19 2 3 34 5 -42.2 0.432 -9.000 -9.000 -999. 683. 204.9 0.0210 0.47 1.00 6.87 230.0 10.0 285.4 2.0 11
0.50 96. 996. 10 ADJ-A1 NoSubs
19 2 3 34 6 -43.2 0.441 -9.000 -9.000 -999. 702. 213.7 0.0210 0.47 1.00 7.01 237.0 10.0 284.9 2.0 11
0.50 92. 998. 10 ADJ-A1 NoSubs
19 2 3 34 7 -39.4 0.402 -9.000 -9.000 -999. 612. 177.3 0.0210 0.47 1.00 6.41 233.0 10.0 284.9 2.0 11
0.30 96. 999. 10 ADJ-A1 NoSubs
19 2 3 34 8 -36.0 0.390 -9.000 -9.000 -999. 585. 167.5 0.0210 0.47 0.61 6.23 235.0 10.0 284.9 2.0 0
0.00 96. 1000. 10 ADJ-A1 NoSubs
19 2 3 34 9 1.2 0.455 0.120 0.005 52. 736. -7087.6 0.0210 0.47 0.32 7.01 229.0 10.0 285.4 2.0 11
0.30 92. 1001. 10 ADJ-A1 NoSubs
19 2 3 34 10 9.8 0.419 0.351 0.005 157. 652. -668.1 0.0210 0.47 0.23 6.40 233.0 10.0 285.4 2.0 11
0.50 96. 1002. 10 ADJ-A1 NoSubs
19 2 3 34 11 16.4 0.405 0.486 0.005 249. 618. -359.8 0.0210 0.47 0.20 6.14 239.0 10.0 285.9 2.0 11
0.30 92. 1002. 10 ADJ-A1 NoSubs
19 2 3 34 12 20.2 0.442 0.569 0.005 327. 706. -384.0 0.0180 0.47 0.19 6.89 251.0 10.0 285.4 2.0 0
0.00 92. 1003. 10 ADJ-A1 NoSubs
19 2 3 34 13 21.1 0.449 0.614 0.005 393. 721. -383.7 0.0180 0.47 0.19 6.99 255.0 10.0 284.9 2.0 11
0.80 92. 1002. 10 ADJ-A1 NoSubs
19 2 3 34 14 19.3 0.439 0.622 0.005 445. 698. -392.1 0.0180 0.47 0.19 6.84 259.0 10.0 285.4 2.0 0
0.00 86. 1002. 10 ADJ-A1 NoSubs
19 2 3 34 15 14.7 0.390 0.583 0.005 481. 587. -359.9 0.0180 0.47 0.21 6.07 245.0 10.0 285.9 2.0 0
0.00 76. 1002. 10 ADJ-A1 NoSubs
19 2 3 34 16 7.5 0.397 0.471 0.005 498. 600. -746.8 0.0210 0.47 0.25 6.07 230.0 10.0 285.9 2.0 0
0.00 73. 1002. 10 ADJ-A1 NoSubs
19 2 3 34 17 6.2 0.418 0.447 0.005 512. 649. -1048.8 0.0210 0.47 0.38 6.41 227.0 10.0 285.4 2.0 0
0.00 76. 1002. 7 ADJ-A1 NoSubs
19 2 3 34 18 -35.0 0.355 -9.000 -9.000 -999. 511. 138.8 0.0210 0.47 1.00 5.70 218.0 10.0 284.2 2.0 0
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19 2 3 34 19 -24.5 0.249 -9.000 -9.000 -999. 304. 68.1 0.0210 0.47 1.00 4.05 231.0 10.0 284.2 2.0 0
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19 2 3 34 20 -30.5 0.310 -9.000 -9.000 -999. 414. 105.6 0.0170 0.47 1.00 5.17 207.0 10.0 284.9 2.0 0
0.00 82. 1001. 10 ADJ-A1 NoSubs
19 2 3 34 21 -21.2 0.215 -9.000 -9.000 -999. 243. 50.8 0.0170 0.47 1.00 3.64 185.0 10.0 284.2 2.0 0
0.00 82. 1001. 10 ADJ-A1 NoSubs
19 2 3 34 22 -11.9 0.144 -9.000 -9.000 -999. 133. 22.9 0.0310 0.47 1.00 2.27 166.0 10.0 283.1 2.0 0
0.00 86. 1001. 10 ADJ-A1 NoSubs
19 2 3 34 23 -2.8 0.070 -9.000 -9.000 -999. 47. 11.0 0.0230 0.47 1.00 1.13 115.0 10.0 283.1 2.0 0
0.00 89. 1000. 10 ADJ-A1 NoSubs
19 2 3 34 24 -7.5 0.113 -9.000 -9.000 -999. 91. 17.1 0.0280 0.47 1.00 1.84 140.0 10.0 283.1 2.0 11
0.50 89. 999. 10 ADJ-A1 NoSubs
19 2 4 35 1 -29.7 0.301 -9.000 -9.000 -999. 397. 99.8 0.0310 0.47 1.00 4.56 155.0 10.0 283.1 2.0 11
2.80 89. 998. 10 ADJ-A1 NoSubs
19 2 4 35 2 -38.9 0.395 -9.000 -9.000 -999. 596. 171.7 0.0280 0.47 1.00 6.02 146.0 10.0 283.1 2.0 11

2.30 92. 997. 10 ADJ-A1 NoSubs
19 2 4 35 3 -43.8 0.443 -9.000 -9.000 -999. 707. 215.8 0.0310 0.47 1.00 6.60 171.0 10.0 282.0 2.0 11
6.40 92. 996. 10 ADJ-A1 NoSubs
19 2 4 35 4 -29.7 0.302 -9.000 -9.000 -999. 412. 100.1 0.0170 0.47 1.00 5.04 189.0 10.0 283.1 2.0 11
0.50 89. 996. 10 ADJ-A1 NoSubs
19 2 4 35 5 -44.2 0.450 -9.000 -9.000 -999. 724. 222.7 0.0210 0.47 1.00 7.15 223.0 10.0 283.8 2.0 11
1.30 89. 996. 10 ADJ-A1 NoSubs
19 2 4 35 6 -35.6 0.361 -9.000 -9.000 -999. 527. 143.7 0.0180 0.47 1.00 5.94 260.0 10.0 283.1 2.0 11
1.00 92. 996. 10 ADJ-A1 NoSubs
19 2 4 35 7 -30.6 0.310 -9.000 -9.000 -999. 415. 105.4 0.0180 0.47 1.00 5.12 267.0 10.0 282.5 2.0 0
0.00 86. 998. 5 ADJ-A1 NoSubs
19 2 4 35 8 -18.6 0.220 -9.000 -9.000 -999. 252. 53.3 0.0180 0.47 0.60 3.68 267.0 10.0 282.0 2.0 11
0.30 89. 999. 7 ADJ-A1 NoSubs
19 2 4 35 9 15.1 0.291 0.446 0.005 210. 376. -145.1 0.0180 0.47 0.32 4.44 255.0 10.0 283.1 2.0 0
0.00 82. 999. 7 ADJ-A1 NoSubs
19 2 4 35 10 42.3 0.386 0.791 0.005 416. 576. -121.4 0.0210 0.47 0.23 5.72 236.0 10.0 284.9 2.0 11
0.50 76. 1000. 7 ADJ-A1 NoSubs
19 2 4 35 11 16.0 0.380 0.596 0.005 470. 562. -305.1 0.0180 0.47 0.20 5.90 257.0 10.0 282.5 2.0 11
1.30 89. 1000. 10 ADJ-A1 NoSubs
19 2 4 35 12 20.2 0.334 0.671 0.005 532. 464. -164.6 0.0180 0.47 0.19 5.12 268.0 10.0 284.2 2.0 0
0.00 79. 1000. 10 ADJ-A1 NoSubs
19 2 4 35 13 21.0 0.417 0.702 0.005 588. 647. -308.9 0.0180 0.47 0.19 6.48 265.0 10.0 283.1 2.0 11
0.50 79. 1000. 10 ADJ-A1 NoSubs
19 2 4 35 14 19.0 0.341 0.697 0.005 634. 481. -185.5 0.0180 0.47 0.19 5.24 267.0 10.0 282.5 2.0 11
0.80 73. 1000. 10 ADJ-A1 NoSubs
19 2 4 35 15 67.6 0.433 1.125 0.005 751. 683. -106.9 0.0180 0.47 0.21 6.55 258.0 10.0 283.8 2.0 0
0.00 70. 999. 5 ADJ-A1 NoSubs
19 2 4 35 16 7.0 0.403 0.531 0.005 761. 616. -833.8 0.0180 0.47 0.25 6.33 257.0 10.0 282.0 2.0 11
1.00 79. 1000. 10 ADJ-A1 NoSubs
19 2 4 35 17 6.1 0.302 0.509 0.005 771. 405. -402.9 0.0180 0.47 0.37 4.71 276.0 10.0 280.9 2.0 11
0.80 82. 1000. 7 ADJ-A1 NoSubs
19 2 4 35 18 -11.8 0.141 -9.000 -9.000 -999. 149. 21.7 0.0180 0.47 1.00 2.42 291.0 10.0 280.9 2.0 11
0.30 82. 1000. 10 ADJ-A1 NoSubs
19 2 4 35 19 -23.5 0.236 -9.000 -9.000 -999. 276. 61.4 0.0180 0.47 1.00 3.95 252.0 10.0 280.9 2.0 11
0.50 78. 1000. 10 ADJ-A1 NoSubs
19 2 4 35 20 -22.3 0.224 -9.000 -9.000 -999. 255. 55.4 0.0180 0.47 1.00 3.76 274.0 10.0 280.9 2.0 11
0.30 78. 1000. 7 ADJ-A1 NoSubs
19 2 4 35 21 -26.3 0.264 -9.000 -9.000 -999. 325. 76.5 0.0180 0.47 1.00 4.39 244.0 10.0 280.9 2.0 0
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19 2 4 35 22 -39.3 0.392 -9.000 -9.000 -999. 588. 168.6 0.0210 0.47 1.00 6.26 230.0 10.0 279.2 2.0 11
2.50 88. 1001. 10 ADJ-A1 NoSubs
19 2 4 35 23 -28.2 0.282 -9.000 -9.000 -999. 366. 87.4 0.0180 0.47 1.00 4.68 247.0 10.0 279.9 2.0 0
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19 2 5 36 2 -19.6 0.194 -9.000 -9.000 -999. 206. 41.5 0.0270 0.47 1.00 3.07 355.0 10.0 277.5 2.0 11
0.80 89. 1002. 10 ADJ-A1 NoSubs
19 2 5 36 3 -9.2 0.124 -9.000 -9.000 -999. 107. 18.8 0.0270 0.47 1.00 2.03 339.0 10.0 277.0 2.0 11
0.30 95. 1002. 7 ADJ-A1 NoSubs
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0.00 88. 1003. 7 ADJ-A1 NoSubs
19 2 5 36 6 -10.8 0.133 -9.000 -9.000 -999. 116. 19.6 0.0180 0.47 1.00 2.30 295.0 10.0 276.5 2.0 9999
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0.00 92. 1004. 0 ADJ-A1 NoSubs
19 2 5 36 8 -7.8 0.119 -9.000 -9.000 -999. 98. 19.1 0.0230 0.47 0.59 1.98 316.0 10.0 275.4 2.0 11
1.00 96. 1005. 5 ADJ-A1 NoSubs
19 2 5 36 9 14.9 0.083 0.377 0.005 129. 57. -3.4 0.0180 0.47 0.32 0.96 278.0 10.0 278.1 2.0 0
0.00 88. 1006. 7 ADJ-A1 NoSubs
19 2 5 36 10 42.2 0.152 0.819 0.005 467. 143. -7.5 0.0180 0.47 0.23 1.93 292.0 10.0 280.4 2.0 0
0.00 76. 1007. 7 ADJ-A1 NoSubs
19 2 5 36 11 73.5 0.235 1.121 0.005 689. 274. -15.9 0.0180 0.47 0.20 3.20 287.0 10.0 281.4 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
19 2 5 36 12 89.1 0.237 1.306 0.005 899. 277. -13.4 0.0230 0.47 0.19 3.03 310.0 10.0 282.5 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
19 2 5 36 13 78.0 0.222 1.316 0.005 1050. 250. -12.5 0.0180 0.47 0.19 2.95 281.0 10.0 283.1 2.0 0
0.00 49. 1007. 7 ADJ-A1 NoSubs
19 2 5 36 14 72.2 0.283 1.312 0.005 1125. 362. -28.3 0.0180 0.47 0.19 4.02 273.0 10.0 283.1 2.0 0
0.00 51. 1007. 7 ADJ-A1 NoSubs
19 2 5 36 15 68.5 0.283 1.304 0.005 1164. 361. -29.7 0.0230 0.47 0.20 3.85 302.0 10.0 283.8 2.0 0
0.00 43. 1008. 5 ADJ-A1 NoSubs
19 2 5 36 16 41.5 0.273 1.110 0.005 1186. 342. -44.0 0.0180 0.47 0.25 3.97 290.0 10.0 283.8 2.0 0
0.00 43. 1008. 5 ADJ-A1 NoSubs
19 2 5 36 17 1.8 0.260 0.390 0.005 1186. 318. -876.2 0.0180 0.47 0.37 4.08 278.0 10.0 282.5 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
19 2 5 36 18 -21.0 0.209 -9.000 -9.000 -999. 230. 48.0 0.0180 0.47 0.76 3.51 287.0 10.0 280.4 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
19 2 5 36 19 -13.8 0.151 -9.000 -9.000 -999. 142. 25.1 0.0180 0.47 1.00 2.59 292.0 10.0 278.8 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 2 5 36 20 -11.0 0.135 -9.000 -9.000 -999. 119. 20.3 0.0230 0.47 1.00 2.25 328.0 10.0 276.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 2 5 36 21 -12.8 0.147 -9.000 -9.000 -999. 136. 23.9 0.0270 0.47 1.00 2.37 338.0 10.0 275.9 2.0 0
0.00 88. 1012. 0 ADJ-A1 NoSubs
19 2 5 36 22 -11.9 0.141 -9.000 -9.000 -999. 127. 21.9 0.0270 0.47 1.00 2.28 339.0 10.0 275.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 2 5 36 23 -11.2 0.137 -9.000 -9.000 -999. 122. 20.7 0.0270 0.47 1.00 2.22 333.0 10.0 274.9 2.0 0
0.00 88. 1013. 0 ADJ-A1 NoSubs
19 2 5 36 24 -11.6 0.139 -9.000 -9.000 -999. 125. 21.3 0.0270 0.47 1.00 2.25 339.0 10.0 274.2 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 2 6 37 1 -9.1 0.123 -9.000 -9.000 -999. 104. 18.4 0.0270 0.47 1.00 2.01 331.0 10.0 274.2 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
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0.00 92. 1014. 0 ADJ-A1 NoSubs
19 2 6 37 3 -12.7 0.146 -9.000 -9.000 -999. 134. 23.4 0.0270 0.47 1.00 2.35 331.0 10.0 274.9 2.0 0
0.00 92. 1014. 5 ADJ-A1 NoSubs
19 2 6 37 4 -12.3 0.144 -9.000 -9.000 -999. 131. 22.8 0.0270 0.47 1.00 2.32 338.0 10.0 274.2 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
19 2 6 37 5 -4.7 0.088 -9.000 -9.000 -999. 63. 13.0 0.0270 0.47 1.00 1.45 331.0 10.0 273.8 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
19 2 6 37 6 -3.6 0.078 -9.000 -9.000 -999. 52. 11.8 0.0270 0.47 1.00 1.26 353.0 10.0 273.8 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 2 6 37 7 -5.4 0.094 -9.000 -9.000 -999. 69. 13.8 0.0270 0.47 1.00 1.55 351.0 10.0 273.8 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 2 6 37 8 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0270 0.47 0.58 1.37 350.0 10.0 274.9 2.0 0

0.00 92. 1016. 0 ADJ-A1 NoSubs
19 2 6 37 9 12.9 0.092 0.278 0.006 60. 67. -5.5 0.0230 0.47 0.31 1.08 96.0 10.0 277.5 2.0 0
0.00 85. 1017. 0 ADJ-A1 NoSubs
19 2 6 37 10 48.0 0.120 0.604 0.005 166. 100. -3.3 0.0280 0.47 0.23 1.25 125.0 10.0 279.9 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
19 2 6 37 11 63.4 0.171 0.946 0.005 485. 170. -7.2 0.0230 0.47 0.20 2.06 118.0 10.0 282.0 2.0 0
0.00 65. 1017. 7 ADJ-A1 NoSubs
19 2 6 37 12 89.9 0.158 1.243 0.005 775. 151. -4.0 0.0280 0.47 0.19 1.69 123.0 10.0 284.2 2.0 0
0.00 56. 1017. 5 ADJ-A1 NoSubs
19 2 6 37 13 79.0 0.191 1.292 0.005 991. 200. -8.0 0.0170 0.47 0.19 2.46 181.0 10.0 284.9 2.0 0
0.00 60. 1016. 7 ADJ-A1 NoSubs
19 2 6 37 14 19.6 0.206 0.829 0.005 1053. 225. -40.6 0.0210 0.47 0.19 2.91 229.0 10.0 283.1 2.0 0
0.00 70. 1016. 10 ADJ-A1 NoSubs
19 2 6 37 15 15.1 0.133 0.773 0.005 1108. 118. -14.1 0.0170 0.47 0.20 1.81 201.0 10.0 284.2 2.0 0
0.00 71. 1016. 10 ADJ-A1 NoSubs
19 2 6 37 16 7.8 0.151 0.626 0.005 1133. 141. -39.8 0.0210 0.47 0.24 2.13 220.0 10.0 284.2 2.0 0
0.00 68. 1016. 10 ADJ-A1 NoSubs
19 2 6 37 17 -1.8 0.090 -9.000 -9.000 -999. 66. 35.9 0.0210 0.47 0.36 1.48 214.0 10.0 284.2 2.0 0
0.00 60. 1017. 10 ADJ-A1 NoSubs
19 2 6 37 18 -6.8 0.105 -9.000 -9.000 -999. 82. 15.6 0.0210 0.47 0.74 1.81 230.0 10.0 283.1 2.0 0
0.00 76. 1017. 10 ADJ-A1 NoSubs
19 2 6 37 19 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.47 1.00 1.30 336.0 10.0 282.5 2.0 0
0.00 79. 1017. 7 ADJ-A1 NoSubs
19 2 6 37 20 -7.1 0.109 -9.000 -9.000 -999. 86. 16.3 0.0270 0.47 1.00 1.79 342.0 10.0 280.9 2.0 0
0.00 85. 1018. 3 ADJ-A1 NoSubs
19 2 6 37 21 -8.5 0.119 -9.000 -9.000 -999. 98. 17.9 0.0270 0.47 1.00 1.94 351.0 10.0 279.2 2.0 0
0.00 88. 1018. 0 ADJ-A1 NoSubs
19 2 6 37 22 -9.6 0.126 -9.000 -9.000 -999. 107. 18.8 0.0230 0.47 1.00 2.10 320.0 10.0 278.8 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
19 2 6 37 23 -10.8 0.135 -9.000 -9.000 -999. 118. 20.4 0.0270 0.47 1.00 2.18 332.0 10.0 277.5 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 2 6 37 24 -5.6 0.096 -9.000 -9.000 -999. 72. 14.3 0.0270 0.47 1.00 1.59 344.0 10.0 277.0 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 2 7 38 1 -4.6 0.087 -9.000 -9.000 -999. 61. 12.7 0.0230 0.47 1.00 1.47 318.0 10.0 276.4 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 2 7 38 2 -11.9 0.141 -9.000 -9.000 -999. 126. 21.7 0.0230 0.47 1.00 2.33 322.0 10.0 276.4 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 2 7 38 3 -3.0 0.072 -9.000 -9.000 -999. 48. 11.3 0.0270 0.47 1.00 1.13 341.0 10.0 275.4 2.0 0
0.00 96. 1019. 0 ADJ-A1 NoSubs
19 2 7 38 4 -4.8 0.089 -9.000 -9.000 -999. 64. 13.2 0.0270 0.47 1.00 1.47 341.0 10.0 275.4 2.0 0
0.00 96. 1019. 0 ADJ-A1 NoSubs
19 2 7 38 5 -8.8 0.120 -9.000 -9.000 -999. 99. 17.7 0.0230 0.47 1.00 2.01 320.0 10.0 275.4 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 2 7 38 6 -4.1 0.082 -9.000 -9.000 -999. 57. 12.3 0.0270 0.47 1.00 1.35 333.0 10.0 274.9 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 2 7 38 7 -3.5 0.076 -9.000 -9.000 -999. 51. 11.6 0.0270 0.47 1.00 1.23 345.0 10.0 274.2 2.0 0
0.00 96. 1020. 0 ADJ-A1 NoSubs
19 2 7 38 8 -5.6 0.099 -9.000 -9.000 -999. 74. 15.5 0.0230 0.47 0.58 1.67 23.0 10.0 276.4 2.0 0
0.00 89. 1020. 0 ADJ-A1 NoSubs
19 2 7 38 9 13.9 0.096 0.281 0.005 58. 72. -5.8 0.0230 0.47 0.31 1.13 304.0 10.0 279.2 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
19 2 7 38 10 49.2 0.132 0.673 0.005 225. 115. -4.2 0.0280 0.47 0.23 1.42 134.0 10.0 282.0 2.0 0
0.00 70. 1020. 0 ADJ-A1 NoSubs
19 2 7 38 11 75.7 0.224 0.993 0.005 471. 254. -13.5 0.0230 0.47 0.20 2.86 119.0 10.0 283.8 2.0 0

0.00 60. 1020. 0 ADJ-A1 NoSubs
19 2 7 38 12 91.1 0.375 1.222 0.005 730. 550. -52.5 0.0280 0.47 0.19 5.09 125.0 10.0 283.8 2.0 0
0.00 51. 1020. 0 ADJ-A1 NoSubs
19 2 7 38 13 95.4 0.252 1.365 0.005 970. 312. -15.2 0.0280 0.47 0.18 3.13 125.0 10.0 284.9 2.0 0
0.00 47. 1019. 0 ADJ-A1 NoSubs
19 2 7 38 14 88.2 0.200 1.427 0.006 1197. 216. -8.3 0.0230 0.47 0.19 2.44 107.0 10.0 285.9 2.0 0
0.00 42. 1018. 0 ADJ-A1 NoSubs
19 2 7 38 15 69.6 0.168 1.363 0.010 1323. 166. -6.2 0.0210 0.47 0.20 2.03 219.0 10.0 286.4 2.0 0
0.00 45. 1018. 0 ADJ-A1 NoSubs
19 2 7 38 16 40.3 0.235 1.150 0.011 1372. 273. -29.2 0.0180 0.47 0.24 3.34 241.0 10.0 285.4 2.0 0
0.00 58. 1017. 0 ADJ-A1 NoSubs
19 2 7 38 17 3.7 0.189 0.520 0.011 1373. 198. -165.1 0.0180 0.47 0.36 2.90 241.0 10.0 284.2 2.0 0
0.00 58. 1017. 0 ADJ-A1 NoSubs
19 2 7 38 18 -7.1 0.107 -9.000 -9.000 -999. 86. 15.7 0.0180 0.47 0.73 1.88 264.0 10.0 283.1 2.0 0
0.00 65. 1017. 10 ADJ-A1 NoSubs
19 2 7 38 19 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.47 1.00 1.20 350.0 10.0 283.8 2.0 0
0.00 65. 1017. 10 ADJ-A1 NoSubs
19 2 7 38 20 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.47 1.00 1.20 336.0 10.0 282.5 2.0 0
0.00 73. 1017. 10 ADJ-A1 NoSubs
19 2 7 38 21 -6.3 0.102 -9.000 -9.000 -999. 79. 15.4 0.0270 0.47 1.00 1.69 333.0 10.0 282.0 2.0 0
0.00 76. 1017. 10 ADJ-A1 NoSubs
19 2 7 38 22 -5.8 0.098 -9.000 -9.000 -999. 73. 14.5 0.0240 0.47 1.00 1.65 38.0 10.0 282.0 2.0 0
0.00 85. 1017. 10 ADJ-A1 NoSubs
19 2 7 38 23 -5.7 0.096 -9.000 -9.000 -999. 72. 14.3 0.0230 0.47 1.00 1.64 22.0 10.0 281.4 2.0 0
0.00 89. 1017. 10 ADJ-A1 NoSubs
19 2 7 38 24 -5.1 0.092 -9.000 -9.000 -999. 67. 13.7 0.0270 0.47 1.00 1.52 352.0 10.0 280.9 2.0 0
0.00 88. 1017. 10 ADJ-A1 NoSubs
19 2 8 39 1 -5.2 0.092 -9.000 -9.000 -999. 67. 13.6 0.0240 0.47 1.00 1.55 44.0 10.0 280.9 2.0 11
1.50 92. 1017. 10 ADJ-A1 NoSubs
19 2 8 39 2 -7.4 0.110 -9.000 -9.000 -999. 88. 16.4 0.0230 0.47 1.00 1.86 25.0 10.0 280.4 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 2 8 39 3 -2.9 0.070 -9.000 -9.000 -999. 45. 10.8 0.0200 0.47 1.00 1.16 71.0 10.0 279.9 2.0 0
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19 2 8 39 4 -6.2 0.100 -9.000 -9.000 -999. 76. 14.8 0.0240 0.47 1.00 1.69 59.0 10.0 278.8 2.0 0
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19 2 8 39 5 -2.4 0.066 -9.000 -9.000 -999. 41. 10.7 0.0200 0.47 1.00 1.03 68.0 10.0 278.1 2.0 0
0.00 100. 1015. 7 ADJ-A1 NoSubs
19 2 8 39 6 -3.3 0.074 -9.000 -9.000 -999. 48. 11.3 0.0240 0.47 1.00 1.21 49.0 10.0 278.1 2.0 0
0.00 95. 1014. 10 ADJ-A1 NoSubs
19 2 8 39 7 -2.4 0.066 -9.000 -9.000 -999. 41. 10.9 0.0230 0.47 1.00 1.01 113.0 10.0 278.8 2.0 0
0.00 95. 1014. 7 ADJ-A1 NoSubs
19 2 8 39 8 -3.4 0.076 -9.000 -9.000 -999. 50. 11.9 0.0230 0.47 0.57 1.28 9.0 10.0 279.2 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
19 2 8 39 9 1.3 0.094 0.117 0.005 44. 70. -58.6 0.0240 0.47 0.31 1.33 59.0 10.0 280.4 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
19 2 8 39 10 10.4 0.108 0.352 0.005 151. 85. -10.9 0.0230 0.47 0.22 1.35 95.0 10.0 282.5 2.0 0
0.00 79. 1013. 10 ADJ-A1 NoSubs
19 2 8 39 11 17.1 0.120 0.476 0.005 226. 99. -9.0 0.0230 0.47 0.20 1.47 118.0 10.0 283.8 2.0 0
0.00 70. 1013. 10 ADJ-A1 NoSubs
19 2 8 39 12 77.3 0.162 1.009 0.005 479. 156. -4.9 0.0230 0.47 0.19 1.86 100.0 10.0 284.9 2.0 0
0.00 65. 1012. 7 ADJ-A1 NoSubs
19 2 8 39 13 22.3 0.212 0.711 0.005 580. 234. -38.4 0.0280 0.47 0.18 2.83 127.0 10.0 285.4 2.0 0
0.00 66. 1010. 10 ADJ-A1 NoSubs
19 2 8 39 14 20.2 0.229 0.716 0.005 655. 262. -53.3 0.0310 0.47 0.19 3.05 161.0 10.0 283.8 2.0 11

1.30 79. 1010. 10 ADJ-A1 NoSubs
19 2 8 39 15 15.2 0.229 0.668 0.005 704. 262. -70.7 0.0210 0.47 0.20 3.32 217.0 10.0 282.0 2.0 11
4.80 95. 1010. 10 ADJ-A1 NoSubs
19 2 8 39 16 8.0 0.128 0.547 0.005 732. 115. -23.6 0.0230 0.47 0.24 1.72 98.0 10.0 282.5 2.0 11
3.60 96. 1009. 10 ADJ-A1 NoSubs
19 2 8 39 17 -2.3 0.126 -9.000 -9.000 -999. 107. 77.1 0.0240 0.47 0.36 1.99 41.0 10.0 282.5 2.0 11
0.30 92. 1009. 10 ADJ-A1 NoSubs
19 2 8 39 18 -14.8 0.159 -9.000 -9.000 -999. 152. 27.8 0.0230 0.47 0.72 2.61 90.0 10.0 282.0 2.0 11
0.30 95. 1008. 10 ADJ-A1 NoSubs
19 2 8 39 19 -13.8 0.153 -9.000 -9.000 -999. 144. 25.8 0.0230 0.47 1.00 2.52 115.0 10.0 281.4 2.0 11
1.30 96. 1009. 10 ADJ-A1 NoSubs
19 2 8 39 20 -20.3 0.202 -9.000 -9.000 -999. 218. 45.0 0.0280 0.47 1.00 3.17 125.0 10.0 281.4 2.0 11
1.80 96. 1008. 10 ADJ-A1 NoSubs
19 2 8 39 21 -5.2 0.093 -9.000 -9.000 -999. 75. 13.8 0.0240 0.47 1.00 1.57 51.0 10.0 281.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 2 8 39 22 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.47 1.00 1.60 25.0 10.0 280.9 2.0 0
0.00 100. 1008. 7 ADJ-A1 NoSubs
19 2 8 39 23 -3.6 0.078 -9.000 -9.000 -999. 53. 11.8 0.0240 0.47 1.00 1.30 40.0 10.0 280.9 2.0 11
0.50 95. 1008. 10 ADJ-A1 NoSubs
19 2 8 39 24 -24.7 0.246 -9.000 -9.000 -999. 292. 66.4 0.0170 0.47 1.00 4.14 191.0 10.0 280.4 2.0 11
5.60 96. 1009. 10 ADJ-A1 NoSubs
19 2 9 40 1 -7.4 0.111 -9.000 -9.000 -999. 102. 16.4 0.0230 0.47 1.00 1.87 6.0 10.0 279.9 2.0 11
4.30 92. 1008. 10 ADJ-A1 NoSubs
19 2 9 40 2 -4.6 0.087 -9.000 -9.000 -999. 61. 12.8 0.0230 0.47 1.00 1.47 18.0 10.0 278.8 2.0 0
0.00 91. 1008. 7 ADJ-A1 NoSubs
19 2 9 40 3 -9.5 0.126 -9.000 -9.000 -999. 107. 18.8 0.0230 0.47 1.00 2.10 328.0 10.0 278.8 2.0 11
0.30 95. 1008. 10 ADJ-A1 NoSubs
19 2 9 40 4 -2.3 0.066 -9.000 -9.000 -999. 42. 11.2 0.0270 0.47 1.00 0.96 346.0 10.0 278.1 2.0 0
0.00 100. 1007. 7 ADJ-A1 NoSubs
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0.00 100. 1008. 10 ADJ-A1 NoSubs
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0.00 100. 1008. 0 ADJ-A1 NoSubs
19 2 9 40 7 -9.3 0.124 -9.000 -9.000 -999. 105. 18.8 0.0270 0.47 1.00 2.03 331.0 10.0 277.0 2.0 0
0.00 100. 1009. 7 ADJ-A1 NoSubs
19 2 9 40 8 -11.0 0.140 -9.000 -9.000 -999. 125. 22.4 0.0270 0.47 0.56 2.25 338.0 10.0 277.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 2 9 40 9 1.6 0.120 0.133 0.005 53. 100. -97.9 0.0270 0.47 0.31 1.69 341.0 10.0 280.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 2 9 40 10 53.4 0.169 0.801 0.005 347. 167. -8.2 0.0280 0.47 0.22 1.98 126.0 10.0 282.0 2.0 0
0.00 85. 1011. 5 ADJ-A1 NoSubs
19 2 9 40 11 17.3 0.150 0.585 0.005 416. 140. -17.8 0.0310 0.47 0.20 1.86 169.0 10.0 283.1 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
19 2 9 40 12 21.3 0.176 0.662 0.005 489. 178. -23.2 0.0310 0.47 0.19 2.23 178.0 10.0 284.1 2.0 0
0.00 76. 1010. 10 ADJ-A1 NoSubs
19 2 9 40 13 22.2 0.217 0.698 0.005 553. 243. -41.5 0.0170 0.47 0.18 3.18 188.0 10.0 283.1 2.0 11
0.80 89. 1009. 10 ADJ-A1 NoSubs
19 2 9 40 14 93.2 0.348 1.251 0.005 756. 492. -40.6 0.0180 0.47 0.19 5.04 243.0 10.0 285.4 2.0 11
0.50 76. 1009. 3 ADJ-A1 NoSubs
19 2 9 40 15 16.0 0.308 0.701 0.005 774. 412. -165.4 0.0180 0.47 0.20 4.73 249.0 10.0 284.9 2.0 0
0.00 71. 1009. 10 ADJ-A1 NoSubs
19 2 9 40 16 8.6 0.377 0.572 0.005 784. 555. -562.4 0.0210 0.47 0.24 5.75 231.0 10.0 284.2 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
19 2 9 40 17 -4.9 0.409 -9.000 -9.000 -999. 627. 1258.4 0.0210 0.47 0.35 6.33 229.0 10.0 283.8 2.0 11

0.30 76. 1008. 10 ADJ-A1 NoSubs
19 2 9 40 18 -37.6 0.379 -9.000 -9.000 -999. 561. 158.2 0.0210 0.47 0.71 6.07 236.0 10.0 283.1 2.0 11
0.50 79. 1008. 10 ADJ-A1 NoSubs
19 2 9 40 19 -24.1 0.241 -9.000 -9.000 -999. 297. 64.0 0.0180 0.47 1.00 4.03 250.0 10.0 282.0 2.0 11
1.30 92. 1008. 10 ADJ-A1 NoSubs
19 2 9 40 20 -47.6 0.479 -9.000 -9.000 -999. 795. 252.2 0.0210 0.47 1.00 7.59 217.0 10.0 283.8 2.0 11
0.20 79. 1008. 10 ADJ-A1 NoSubs
19 2 9 40 21 -43.2 0.435 -9.000 -9.000 -999. 690. 208.0 0.0210 0.47 1.00 6.92 234.0 10.0 283.8 2.0 0
0.00 70. 1008. 7 ADJ-A1 NoSubs
19 2 9 40 22 -39.4 0.396 -9.000 -9.000 -999. 599. 172.3 0.0180 0.47 1.00 6.48 242.0 10.0 283.1 2.0 11
2.00 89. 1008. 7 ADJ-A1 NoSubs
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0.00 82. 1007. 7 ADJ-A1 NoSubs
19 2 9 40 24 -41.7 0.419 -9.000 -9.000 -999. 653. 193.5 0.0180 0.47 1.00 6.85 249.0 10.0 283.1 2.0 11
1.30 89. 1007. 7 ADJ-A1 Sub_CC
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0.00 89. 1007. 10 ADJ-A1 NoSubs
19 2 10 41 2 -27.6 0.276 -9.000 -9.000 -999. 362. 83.9 0.0180 0.47 1.00 4.59 263.0 10.0 282.0 2.0 11
3.00 92. 1007. 10 ADJ-A1 NoSubs
19 2 10 41 3 -28.6 0.286 -9.000 -9.000 -999. 368. 90.1 0.0180 0.47 1.00 4.75 278.0 10.0 281.4 2.0 11
1.30 89. 1006. 10 ADJ-A1 NoSubs
19 2 10 41 4 -15.9 0.163 -9.000 -9.000 -999. 167. 29.3 0.0180 0.47 1.00 2.78 294.0 10.0 280.4 2.0 11
1.00 96. 1007. 10 ADJ-A1 NoSubs
19 2 10 41 5 -3.6 0.078 -9.000 -9.000 -999. 56. 11.7 0.0230 0.47 1.00 1.30 305.0 10.0 279.9 2.0 11
1.30 95. 1007. 10 ADJ-A1 NoSubs
19 2 10 41 6 -5.8 0.097 -9.000 -9.000 -999. 72. 14.0 0.0180 0.47 1.00 1.71 278.0 10.0 279.9 2.0 11
0.30 88. 1007. 10 ADJ-A1 NoSubs
19 2 10 41 7 -4.7 0.087 -9.000 -9.000 -999. 62. 12.6 0.0180 0.47 1.00 1.54 265.0 10.0 278.8 2.0 0
0.00 95. 1007. 7 ADJ-A1 NoSubs
19 2 10 41 8 -12.5 0.166 -9.000 -9.000 -999. 162. 32.8 0.0230 0.47 0.55 2.69 311.0 10.0 278.8 2.0 11
2.00 88. 1008. 7 ADJ-A1 NoSubs
19 2 10 41 9 16.4 0.164 0.415 0.005 157. 159. -24.1 0.0180 0.47 0.30 2.30 291.0 10.0 280.4 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 2 10 41 10 55.5 0.211 1.020 0.005 689. 233. -15.3 0.0180 0.47 0.22 2.86 296.0 10.0 281.4 2.0 0
0.00 70. 1010. 3 ADJ-A1 NoSubs
19 2 10 41 11 81.6 0.279 1.281 0.005 930. 354. -24.1 0.0230 0.47 0.19 3.75 308.0 10.0 282.5 2.0 0
0.00 63. 1011. 3 ADJ-A1 NoSubs
19 2 10 41 12 93.3 0.273 1.399 0.005 1059. 343. -19.7 0.0180 0.47 0.19 3.78 296.0 10.0 283.8 2.0 0
0.00 58. 1011. 5 ADJ-A1 NoSubs
19 2 10 41 13 97.0 0.251 1.467 0.005 1176. 301. -14.6 0.0180 0.47 0.18 3.38 288.0 10.0 282.5 2.0 0
0.00 53. 1011. 5 ADJ-A1 NoSubs
19 2 10 41 14 90.5 0.214 1.468 0.005 1263. 239. -9.8 0.0180 0.47 0.19 2.79 295.0 10.0 284.9 2.0 0
0.00 50. 1011. 5 ADJ-A1 NoSubs
19 2 10 41 15 73.2 0.342 1.385 0.005 1313. 479. -49.1 0.0180 0.47 0.20 5.00 290.0 10.0 284.9 2.0 0
0.00 42. 1012. 5 ADJ-A1 NoSubs
19 2 10 41 16 46.7 0.328 1.202 0.005 1343. 451. -68.2 0.0180 0.47 0.24 4.88 284.0 10.0 284.2 2.0 0
0.00 48. 1012. 3 ADJ-A1 NoSubs
19 2 10 41 17 10.4 0.190 0.729 0.005 1349. 211. -59.8 0.0180 0.47 0.35 2.81 296.0 10.0 283.8 2.0 0
0.00 49. 1013. 3 ADJ-A1 NoSubs
19 2 10 41 18 -12.9 0.148 -9.000 -9.000 -999. 137. 24.1 0.0230 0.47 0.70 2.44 312.0 10.0 281.4 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
19 2 10 41 19 -11.7 0.140 -9.000 -9.000 -999. 126. 21.6 0.0230 0.47 1.00 2.32 303.0 10.0 280.4 2.0 0
0.00 70. 1014. 0 ADJ-A1 NoSubs
19 2 10 41 20 -8.4 0.118 -9.000 -9.000 -999. 97. 17.7 0.0270 0.47 1.00 1.93 334.0 10.0 278.1 2.0 0

0.00 82. 1015. 0 ADJ-A1 NoSubs
19 2 10 41 21 -12.6 0.145 -9.000 -9.000 -999. 133. 23.2 0.0230 0.47 1.00 2.40 320.0 10.0 277.5 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
19 2 10 41 22 -10.1 0.130 -9.000 -9.000 -999. 112. 19.6 0.0270 0.47 1.00 2.11 343.0 10.0 276.4 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
19 2 10 41 23 -10.1 0.130 -9.000 -9.000 -999. 112. 19.6 0.0270 0.47 1.00 2.11 332.0 10.0 275.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 2 10 41 24 -10.0 0.129 -9.000 -9.000 -999. 111. 19.5 0.0270 0.47 1.00 2.10 330.0 10.0 275.4 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
19 2 11 42 1 -8.5 0.118 -9.000 -9.000 -999. 98. 17.7 0.0270 0.47 1.00 1.94 340.0 10.0 275.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 2 11 42 2 -7.4 0.110 -9.000 -9.000 -999. 87. 16.4 0.0270 0.47 1.00 1.81 332.0 10.0 275.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 2 11 42 3 -9.1 0.122 -9.000 -9.000 -999. 103. 18.1 0.0230 0.47 1.00 2.05 327.0 10.0 275.4 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 2 11 42 4 -7.6 0.112 -9.000 -9.000 -999. 90. 16.7 0.0270 0.47 1.00 1.84 344.0 10.0 274.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 2 11 42 5 -4.3 0.083 -9.000 -9.000 -999. 58. 12.3 0.0240 0.47 1.00 1.40 38.0 10.0 274.2 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
19 2 11 42 6 -2.6 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.47 1.00 1.06 5.0 10.0 274.2 2.0 0
0.00 96. 1017. 5 ADJ-A1 NoSubs
19 2 11 42 7 -5.5 0.095 -9.000 -9.000 -999. 70. 14.0 0.0270 0.47 1.00 1.57 341.0 10.0 274.2 2.0 0
0.00 96. 1017. 10 ADJ-A1 NoSubs
19 2 11 42 8 -1.8 0.060 -9.000 -9.000 -999. 35. 11.1 0.0230 0.47 0.55 0.86 6.0 10.0 275.9 2.0 0
0.00 92. 1018. 10 ADJ-A1 NoSubs
19 2 11 42 9 21.2 0.113 0.407 0.005 116. 92. -6.2 0.0200 0.47 0.30 1.38 74.0 10.0 278.8 2.0 0
0.00 85. 1019. 3 ADJ-A1 NoSubs
19 2 11 42 10 52.6 0.102 0.720 0.005 257. 78. -1.8 0.0200 0.47 0.22 1.06 70.0 10.0 280.9 2.0 0
0.00 73. 1019. 0 ADJ-A1 NoSubs
19 2 11 42 11 79.7 0.120 1.063 0.005 548. 100. -2.0 0.0200 0.47 0.19 1.26 75.0 10.0 283.1 2.0 0
0.00 65. 1019. 5 ADJ-A1 NoSubs
19 2 11 42 12 95.0 0.186 1.345 0.005 930. 193. -6.2 0.0230 0.47 0.18 2.20 119.0 10.0 284.2 2.0 0
0.00 54. 1018. 0 ADJ-A1 NoSubs
19 2 11 42 13 23.0 0.157 0.851 0.005 973. 149. -15.2 0.0200 0.47 0.18 2.08 83.0 10.0 284.9 2.0 0
0.00 47. 1018. 10 ADJ-A1 NoSubs
19 2 11 42 14 92.0 0.134 1.549 0.005 1468. 117. -2.4 0.0210 0.47 0.19 1.42 238.0 10.0 285.4 2.0 0
0.00 46. 1017. 0 ADJ-A1 NoSubs
19 2 11 42 15 73.3 0.180 1.452 0.006 1517. 183. -7.2 0.0180 0.47 0.20 2.27 279.0 10.0 285.4 2.0 0
0.00 54. 1016. 0 ADJ-A1 NoSubs
19 2 11 42 16 44.1 0.281 1.232 0.007 1538. 358. -45.6 0.0180 0.47 0.24 4.10 269.0 10.0 285.4 2.0 0
0.00 54. 1016. 0 ADJ-A1 NoSubs
19 2 11 42 17 7.0 0.224 0.669 0.007 1540. 255. -144.4 0.0180 0.47 0.34 3.42 270.0 10.0 284.2 2.0 0
0.00 58. 1016. 0 ADJ-A1 NoSubs
19 2 11 42 18 -18.0 0.181 -9.000 -9.000 -999. 186. 36.2 0.0180 0.47 0.69 3.07 260.0 10.0 282.0 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
19 2 11 42 19 -5.8 0.097 -9.000 -9.000 -999. 75. 14.3 0.0230 0.47 1.00 1.65 324.0 10.0 280.9 2.0 0
0.00 78. 1016. 0 ADJ-A1 NoSubs
19 2 11 42 20 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0270 0.47 1.00 1.81 340.0 10.0 279.2 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
19 2 11 42 21 -8.8 0.121 -9.000 -9.000 -999. 101. 18.3 0.0270 0.47 1.00 1.98 343.0 10.0 278.1 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
19 2 11 42 22 -3.2 0.074 -9.000 -9.000 -999. 49. 11.5 0.0270 0.47 1.00 1.18 356.0 10.0 277.5 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
19 2 11 42 23 -7.0 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.47 1.00 1.77 357.0 10.0 277.0 2.0 0

0.00 88. 1015. 0 ADJ-A1 NoSubs
19 2 11 42 24 -7.2 0.109 -9.000 -9.000 -999. 86. 16.2 0.0270 0.47 1.00 1.79 346.0 10.0 277.0 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
19 2 12 43 1 -4.9 0.089 -9.000 -9.000 -999. 64. 13.1 0.0240 0.47 1.00 1.50 30.0 10.0 276.4 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
19 2 12 43 2 -9.7 0.126 -9.000 -9.000 -999. 108. 18.8 0.0230 0.47 1.00 2.11 310.0 10.0 276.4 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
19 2 12 43 3 -12.9 0.147 -9.000 -9.000 -999. 136. 23.9 0.0270 0.47 1.00 2.37 343.0 10.0 275.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
19 2 12 43 4 -8.2 0.117 -9.000 -9.000 -999. 96. 17.4 0.0270 0.47 1.00 1.91 336.0 10.0 275.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
19 2 12 43 5 -7.7 0.112 -9.000 -9.000 -999. 90. 16.5 0.0230 0.47 1.00 1.89 323.0 10.0 275.4 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
19 2 12 43 6 -6.5 0.104 -9.000 -9.000 -999. 80. 15.4 0.0270 0.47 1.00 1.71 353.0 10.0 275.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 2 12 43 7 -4.8 0.088 -9.000 -9.000 -999. 63. 13.0 0.0230 0.47 1.00 1.50 24.0 10.0 276.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 2 12 43 8 -6.9 0.113 -9.000 -9.000 -999. 91. 18.8 0.0230 0.47 0.54 1.89 18.0 10.0 277.5 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 2 12 43 9 18.0 0.106 0.331 0.005 73. 83. -6.0 0.0230 0.47 0.30 1.25 99.0 10.0 279.2 2.0 0
0.00 75. 1013. 0 ADJ-A1 NoSubs
19 2 12 43 10 53.4 0.114 0.763 0.005 300. 92. -2.5 0.0180 0.47 0.22 1.26 261.0 10.0 279.9 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 2 12 43 11 80.0 0.174 1.029 0.005 491. 174. -6.0 0.0240 0.47 0.19 2.03 56.0 10.0 281.4 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
19 2 12 43 12 95.9 0.116 1.188 0.005 631. 96. -1.5 0.0270 0.47 0.18 1.08 351.0 10.0 283.8 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
19 2 12 43 13 103.1 0.163 1.286 0.005 743. 157. -3.8 0.0200 0.47 0.18 1.86 88.0 10.0 283.8 2.0 0
0.00 63. 1010. 3 ADJ-A1 NoSubs
19 2 12 43 14 77.7 0.126 1.225 0.005 854. 108. -2.3 0.0240 0.47 0.19 1.30 43.0 10.0 284.2 2.0 0
0.00 58. 1010. 7 ADJ-A1 NoSubs
19 2 12 43 15 63.3 0.162 1.188 0.007 953. 157. -6.0 0.0230 0.47 0.20 1.91 25.0 10.0 284.9 2.0 0
0.00 58. 1007. 7 ADJ-A1 NoSubs
19 2 12 43 16 47.8 0.127 1.099 0.008 998. 109. -3.9 0.0270 0.47 0.23 1.37 333.0 10.0 284.9 2.0 0
0.00 51. 1007. 5 ADJ-A1 NoSubs
19 2 12 43 17 11.7 0.127 0.691 0.009 1008. 108. -15.5 0.0230 0.47 0.34 1.64 312.0 10.0 284.2 2.0 0
0.00 63. 1007. 7 ADJ-A1 NoSubs
19 2 12 43 18 -16.3 0.167 -9.000 -9.000 -999. 164. 30.7 0.0180 0.47 0.68 2.84 285.0 10.0 284.2 2.0 0
0.00 60. 1007. 10 ADJ-A1 NoSubs
19 2 12 43 19 -7.3 0.110 -9.000 -9.000 -999. 88. 16.5 0.0230 0.47 1.00 1.86 1.0 10.0 283.8 2.0 0
0.00 65. 1007. 10 ADJ-A1 NoSubs
19 2 12 43 20 -8.9 0.121 -9.000 -9.000 -999. 102. 18.1 0.0200 0.47 1.00 2.08 72.0 10.0 283.1 2.0 0
0.00 67. 1005. 10 ADJ-A1 NoSubs
19 2 12 43 21 -3.5 0.077 -9.000 -9.000 -999. 51. 11.6 0.0230 0.47 1.00 1.28 14.0 10.0 283.1 2.0 0
0.00 70. 1005. 10 ADJ-A1 NoSubs
19 2 12 43 22 -9.6 0.128 -9.000 -9.000 -999. 110. 19.5 0.0270 0.47 1.00 2.08 335.0 10.0 282.5 2.0 0
0.00 76. 1005. 10 ADJ-A1 NoSubs
19 2 12 43 23 -4.6 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.47 1.00 1.48 25.0 10.0 282.0 2.0 11
0.50 85. 1005. 10 ADJ-A1 NoSubs
19 2 12 43 24 -18.2 0.182 -9.000 -9.000 -999. 187. 36.6 0.0270 0.47 1.00 2.89 334.0 10.0 282.0 2.0 11
0.30 82. 1004. 10 ADJ-A1 NoSubs
19 2 13 44 1 -14.1 0.156 -9.000 -9.000 -999. 147. 26.6 0.0240 0.47 1.00 2.54 38.0 10.0 283.8 2.0 0
0.00 70. 1003. 10 ADJ-A1 NoSubs
19 2 13 44 2 -10.4 0.133 -9.000 -9.000 -999. 117. 20.2 0.0240 0.47 1.00 2.20 31.0 10.0 283.1 2.0 11

0.80 79. 1003. 10 ADJ-A1 NoSubs
19 2 13 44 3 -28.0 0.286 -9.000 -9.000 -999. 367. 89.8 0.0280 0.47 1.00 4.41 123.0 10.0 285.9 2.0 11
0.30 58. 1002. 10 ADJ-A1 NoSubs
19 2 13 44 4 -36.2 0.368 -9.000 -9.000 -999. 535. 148.8 0.0280 0.47 1.00 5.62 122.0 10.0 284.2 2.0 11
0.30 68. 1000. 10 ADJ-A1 NoSubs
19 2 13 44 5 -28.5 0.288 -9.000 -9.000 -999. 375. 91.5 0.0230 0.47 1.00 4.60 109.0 10.0 283.1 2.0 11
1.50 79. 1000. 10 ADJ-A1 NoSubs
19 2 13 44 6 -27.3 0.276 -9.000 -9.000 -999. 348. 83.8 0.0230 0.47 1.00 4.41 100.0 10.0 282.5 2.0 11
3.00 86. 999. 10 ADJ-A1 NoSubs
19 2 13 44 7 -17.2 0.174 -9.000 -9.000 -999. 179. 33.2 0.0200 0.47 1.00 2.90 74.0 10.0 282.5 2.0 11
3.30 89. 998. 10 ADJ-A1 NoSubs
19 2 13 44 8 -13.2 0.157 -9.000 -9.000 -999. 150. 27.2 0.0230 0.47 0.53 2.57 15.0 10.0 282.5 2.0 11
0.50 89. 998. 10 ADJ-A1 NoSubs
19 2 13 44 9 2.8 0.172 0.157 0.005 49. 172. -164.1 0.0230 0.47 0.29 2.54 10.0 10.0 283.1 2.0 11
0.50 86. 998. 10 ADJ-A1 NoSubs
19 2 13 44 10 11.5 0.216 0.340 0.005 121. 241. -77.8 0.0230 0.47 0.22 3.10 17.0 10.0 282.5 2.0 11
8.60 100. 998. 10 ADJ-A1 NoSubs
19 2 13 44 11 18.2 0.162 0.456 0.005 185. 157. -20.7 0.0230 0.47 0.19 2.15 23.0 10.0 283.1 2.0 11
6.40 100. 998. 10 ADJ-A1 NoSubs
19 2 13 44 12 22.4 0.156 0.534 0.005 242. 148. -15.2 0.0270 0.47 0.18 1.96 355.0 10.0 284.9 2.0 11
2.00 96. 998. 10 ADJ-A1 NoSubs
19 2 13 44 13 23.7 0.143 0.655 0.005 423. 130. -11.0 0.0270 0.47 0.18 1.74 334.0 10.0 285.9 2.0 11
0.80 92. 997. 10 ADJ-A1 NoSubs
19 2 13 44 14 21.8 0.147 0.698 0.005 554. 136. -13.0 0.0270 0.47 0.19 1.82 343.0 10.0 285.9 2.0 0
0.00 96. 997. 10 ADJ-A1 NoSubs
19 2 13 44 15 17.2 0.172 0.677 0.005 640. 171. -26.1 0.0230 0.47 0.20 2.32 314.0 10.0 286.4 2.0 11
1.50 96. 997. 10 ADJ-A1 NoSubs
19 2 13 44 16 10.5 0.158 0.587 0.005 689. 151. -33.7 0.0180 0.47 0.23 2.27 260.0 10.0 288.8 2.0 0
0.00 89. 998. 10 ADJ-A1 NoSubs
19 2 13 44 17 13.3 0.253 0.650 0.005 731. 306. -108.4 0.0210 0.47 0.34 3.74 230.0 10.0 288.8 2.0 11
2.30 89. 998. 7 ADJ-A1 NoSubs
19 2 13 44 18 -12.3 0.146 -9.000 -9.000 -999. 140. 23.6 0.0210 0.47 0.67 2.45 218.0 10.0 288.1 2.0 0
0.00 93. 997. 10 ADJ-A1 NoSubs
19 2 13 44 19 -4.9 0.092 -9.000 -9.000 -999. 67. 14.0 0.0310 0.47 1.00 1.48 171.0 10.0 288.1 2.0 0
0.00 93. 997. 10 ADJ-A1 NoSubs
19 2 13 44 20 -28.4 0.294 -9.000 -9.000 -999. 383. 95.4 0.0310 0.47 1.00 4.46 166.0 10.0 288.8 2.0 0
0.00 86. 996. 10 ADJ-A1 NoSubs
19 2 13 44 21 -12.6 0.149 -9.000 -9.000 -999. 153. 24.5 0.0280 0.47 1.00 2.38 129.0 10.0 288.8 2.0 0
0.00 86. 996. 10 ADJ-A1 NoSubs
19 2 13 44 22 -26.8 0.278 -9.000 -9.000 -999. 351. 84.8 0.0280 0.47 1.00 4.29 132.0 10.0 288.8 2.0 11
0.30 89. 996. 10 ADJ-A1 NoSubs
19 2 13 44 23 -13.2 0.151 -9.000 -9.000 -999. 150. 25.1 0.0200 0.47 1.00 2.54 81.0 10.0 288.8 2.0 0
0.00 86. 995. 10 ADJ-A1 NoSubs
19 2 13 44 24 -19.4 0.202 -9.000 -9.000 -999. 218. 44.9 0.0230 0.47 1.00 3.27 116.0 10.0 289.9 2.0 0
0.00 83. 994. 10 ADJ-A1 NoSubs
19 2 14 45 1 -34.3 0.358 -9.000 -9.000 -999. 515. 141.3 0.0280 0.47 1.00 5.48 138.0 10.0 290.4 2.0 0
0.00 77. 994. 10 ADJ-A1 NoSubs
19 2 14 45 2 -36.3 0.380 -9.000 -9.000 -999. 561. 158.5 0.0280 0.47 1.00 5.79 137.0 10.0 290.4 2.0 11
0.30 80. 992. 10 ADJ-A1 NoSubs
19 2 14 45 3 -27.9 0.291 -9.000 -9.000 -999. 381. 93.3 0.0280 0.47 1.00 4.49 148.0 10.0 289.2 2.0 11
4.60 89. 992. 10 ADJ-A1 NoSubs
19 2 14 45 4 -26.5 0.276 -9.000 -9.000 -999. 348. 83.7 0.0310 0.47 1.00 4.19 162.0 10.0 288.8 2.0 11
2.00 96. 992. 10 ADJ-A1 NoSubs
19 2 14 45 5 -26.8 0.279 -9.000 -9.000 -999. 353. 85.5 0.0170 0.47 1.00 4.67 181.0 10.0 288.8 2.0 11

3.30 96. 992. 10 ADJ-A1 NoSubs
19 2 14 45 6 -58.2 0.603 -9.000 -9.000 -999. 1125. 400.3 0.0170 0.47 1.00 9.80 201.0 10.0 288.1 2.0 0
0.00 93. 993. 10 ADJ-A1 NoSubs
19 2 14 45 7 -45.1 0.462 -9.000 -9.000 -999. 774. 235.1 0.0180 0.47 1.00 7.52 249.0 10.0 285.4 2.0 11
1.50 100. 994. 10 ADJ-A1 NoSubs
19 2 14 45 8 -17.2 0.214 -9.000 -9.000 -999. 311. 50.6 0.0180 0.47 0.52 3.58 265.0 10.0 285.4 2.0 0
0.00 96. 994. 10 ADJ-A1 NoSubs
19 2 14 45 9 3.5 0.263 0.180 0.005 59. 323. -455.4 0.0180 0.47 0.29 4.10 246.0 10.0 285.9 2.0 0
0.00 92. 994. 10 ADJ-A1 NoSubs
19 2 14 45 10 12.3 0.403 0.351 0.005 124. 614. -473.3 0.0210 0.47 0.22 6.14 231.0 10.0 285.4 2.0 11
0.50 96. 995. 10 ADJ-A1 NoSubs
19 2 14 45 11 18.9 0.470 0.461 0.006 184. 773. -488.1 0.0210 0.47 0.19 7.16 223.0 10.0 285.4 2.0 11
1.80 100. 996. 10 ADJ-A1 NoSubs
19 2 14 45 12 23.0 0.529 0.559 0.006 270. 924. -574.0 0.0210 0.47 0.18 8.08 215.0 10.0 286.4 2.0 11
0.50 86. 996. 10 ADJ-A1 NoSubs
19 2 14 45 13 23.4 0.558 0.611 0.006 347. 998. -659.3 0.0210 0.47 0.18 8.52 224.0 10.0 283.1 2.0 11
3.00 96. 998. 10 ADJ-A1 NoSubs
19 2 14 45 14 79.4 0.326 1.062 0.005 537. 499. -38.8 0.0180 0.47 0.18 4.71 249.0 10.0 285.4 2.0 11
0.80 86. 998. 7 ADJ-A1 NoSubs
19 2 14 45 15 64.9 0.364 1.063 0.005 660. 527. -66.3 0.0180 0.47 0.20 5.41 257.0 10.0 285.4 2.0 0
0.00 89. 999. 7 ADJ-A1 NoSubs
19 2 14 45 16 42.2 0.407 0.956 0.006 739. 622. -142.2 0.0180 0.47 0.23 6.21 251.0 10.0 285.4 2.0 0
0.00 82. 1000. 7 ADJ-A1 NoSubs
19 2 14 45 17 13.9 0.355 0.667 0.006 762. 510. -288.3 0.0180 0.47 0.33 5.51 253.0 10.0 284.9 2.0 0
0.00 76. 1002. 3 ADJ-A1 NoSubs
19 2 14 45 18 -23.6 0.253 -9.000 -9.000 -999. 312. 70.7 0.0180 0.47 0.66 4.22 256.0 10.0 284.2 2.0 0
0.00 76. 1003. 7 ADJ-A1 NoSubs
19 2 14 45 19 -28.0 0.283 -9.000 -9.000 -999. 362. 88.2 0.0180 0.47 1.00 4.70 250.0 10.0 284.2 2.0 0
0.00 74. 1004. 7 ADJ-A1 NoSubs
19 2 14 45 20 -31.7 0.320 -9.000 -9.000 -999. 435. 112.9 0.0180 0.47 1.00 5.29 240.0 10.0 284.2 2.0 0
0.00 76. 1005. 7 ADJ-A1 NoSubs
19 2 14 45 21 -27.7 0.280 -9.000 -9.000 -999. 356. 86.0 0.0210 0.47 1.00 4.53 225.0 10.0 284.2 2.0 11
0.30 71. 1005. 3 ADJ-A1 NoSubs
19 2 14 45 22 -33.1 0.333 -9.000 -9.000 -999. 461. 122.1 0.0210 0.47 1.00 5.36 219.0 10.0 283.8 2.0 0
0.00 79. 1006. 7 ADJ-A1 NoSubs
19 2 14 45 23 -36.9 0.373 -9.000 -9.000 -999. 546. 152.9 0.0210 0.47 1.00 5.97 212.0 10.0 284.9 2.0 0
0.00 73. 1006. 10 ADJ-A1 NoSubs
19 2 14 45 24 -47.8 0.483 -9.000 -9.000 -999. 805. 256.4 0.0170 0.47 1.00 7.91 200.0 10.0 284.2 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
19 2 15 46 1 -31.2 0.313 -9.000 -9.000 -999. 444. 107.8 0.0210 0.47 1.00 5.05 217.0 10.0 282.5 2.0 11
5.10 92. 1007. 10 ADJ-A1 NoSubs
19 2 15 46 2 -21.1 0.212 -9.000 -9.000 -999. 241. 49.3 0.0210 0.47 1.00 3.47 233.0 10.0 282.5 2.0 11
0.30 89. 1008. 10 ADJ-A1 NoSubs
19 2 15 46 3 -18.9 0.190 -9.000 -9.000 -999. 199. 39.7 0.0210 0.47 1.00 3.13 228.0 10.0 283.8 2.0 11
0.30 82. 1008. 10 ADJ-A1 NoSubs
19 2 15 46 4 -26.8 0.268 -9.000 -9.000 -999. 333. 79.1 0.0180 0.47 1.00 4.46 259.0 10.0 282.5 2.0 11
0.30 86. 1008. 7 ADJ-A1 NoSubs
19 2 15 46 5 -16.5 0.166 -9.000 -9.000 -999. 167. 30.4 0.0180 0.47 1.00 2.83 285.0 10.0 281.4 2.0 0
0.00 85. 1008. 7 ADJ-A1 NoSubs
19 2 15 46 6 -3.3 0.074 -9.000 -9.000 -999. 53. 11.0 0.0180 0.47 1.00 1.28 275.0 10.0 282.0 2.0 0
0.00 85. 1009. 10 ADJ-A1 NoSubs
19 2 15 46 7 -16.9 0.169 -9.000 -9.000 -999. 167. 31.6 0.0180 0.47 1.00 2.88 246.0 10.0 282.5 2.0 0
0.00 79. 1009. 7 ADJ-A1 NoSubs
19 2 15 46 8 -15.3 0.185 -9.000 -9.000 -999. 192. 37.8 0.0180 0.47 0.52 3.12 274.0 10.0 282.5 2.0 0

0.00 83. 1010. 10 ADJ-A1 NoSubs
19 2 15 46 9 21.3 0.221 0.656 0.005 477. 249. -45.5 0.0180 0.47 0.29 3.22 299.0 10.0 283.1 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 2 15 46 10 12.0 0.235 0.568 0.005 548. 273. -96.8 0.0180 0.47 0.22 3.54 271.0 10.0 282.5 2.0 11
0.30 79. 1011. 10 ADJ-A1 NoSubs
19 2 15 46 11 70.8 0.344 1.199 0.005 880. 484. -51.8 0.0180 0.47 0.19 5.05 254.0 10.0 285.9 2.0 0
0.00 71. 1011. 7 ADJ-A1 NoSubs
19 2 15 46 12 82.6 0.419 1.389 0.005 1172. 651. -80.5 0.0180 0.47 0.18 6.28 250.0 10.0 284.9 2.0 11
0.30 65. 1012. 7 ADJ-A1 NoSubs
19 2 15 46 13 23.9 0.377 0.946 0.005 1274. 558. -202.5 0.0210 0.47 0.18 5.67 236.0 10.0 284.9 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
19 2 15 46 14 21.6 0.373 0.918 0.005 1289. 546. -215.8 0.0180 0.47 0.18 5.75 263.0 10.0 282.0 2.0 11
0.80 82. 1010. 10 ADJ-A1 NoSubs
19 2 15 46 15 17.3 0.374 0.856 0.005 1303. 549. -272.1 0.0210 0.47 0.20 5.65 234.0 10.0 284.2 2.0 11
0.30 76. 1010. 10 ADJ-A1 NoSubs
19 2 15 46 16 9.8 0.357 0.709 0.005 1310. 511. -416.9 0.0180 0.47 0.23 5.56 246.0 10.0 283.1 2.0 11
0.30 79. 1010. 10 ADJ-A1 NoSubs
19 2 15 46 17 -0.1 0.278 -9.000 -9.000 -999. 355. 8888.0 0.0180 0.47 0.33 4.39 295.0 10.0 279.9 2.0 11
4.10 92. 1012. 10 ADJ-A1 NoSubs
19 2 15 46 18 -4.2 0.084 -9.000 -9.000 -999. 112. 12.6 0.0230 0.47 0.65 1.42 26.0 10.0 280.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 2 15 46 19 -5.6 0.095 -9.000 -9.000 -999. 71. 14.1 0.0230 0.47 1.00 1.62 107.0 10.0 280.4 2.0 0
0.00 92. 1012. 7 ADJ-A1 NoSubs
19 2 15 46 20 -6.3 0.102 -9.000 -9.000 -999. 79. 15.3 0.0270 0.47 1.00 1.69 348.0 10.0 279.9 2.0 11
0.80 95. 1013. 7 ADJ-A1 NoSubs
19 2 15 46 21 -6.7 0.105 -9.000 -9.000 -999. 82. 15.6 0.0240 0.47 1.00 1.77 55.0 10.0 279.2 2.0 11
0.80 96. 1013. 7 ADJ-A1 NoSubs
19 2 15 46 22 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.47 1.00 1.37 15.0 10.0 278.8 2.0 11
0.30 100. 1014. 7 ADJ-A1 NoSubs
19 2 15 46 23 -2.8 0.070 -9.000 -9.000 -999. 44. 11.2 0.0270 0.47 1.00 1.08 342.0 10.0 278.8 2.0 11
0.30 100. 1015. 10 ADJ-A1 NoSubs
19 2 15 46 24 -4.1 0.082 -9.000 -9.000 -999. 57. 12.4 0.0270 0.47 1.00 1.35 351.0 10.0 278.8 2.0 0
0.00 95. 1015. 7 ADJ-A1 NoSubs
19 2 16 47 1 -5.5 0.095 -9.000 -9.000 -999. 70. 14.1 0.0270 0.47 1.00 1.57 356.0 10.0 279.2 2.0 11
0.80 96. 1015. 10 ADJ-A1 NoSubs
19 2 16 47 2 -5.1 0.091 -9.000 -9.000 -999. 66. 13.4 0.0230 0.47 1.00 1.55 24.0 10.0 278.8 2.0 11
1.00 100. 1015. 7 ADJ-A1 NoSubs
19 2 16 47 3 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0240 0.47 1.00 1.54 37.0 10.0 279.2 2.0 11
0.50 100. 1015. 10 ADJ-A1 NoSubs
19 2 16 47 4 -3.3 0.075 -9.000 -9.000 -999. 49. 11.3 0.0230 0.47 1.00 1.23 4.0 10.0 279.2 2.0 11
0.80 100. 1015. 5 ADJ-A1 NoSubs
19 2 16 47 5 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.47 1.00 1.20 350.0 10.0 279.2 2.0 11
0.30 100. 1016. 7 ADJ-A1 NoSubs
19 2 16 47 6 -3.1 0.072 -9.000 -9.000 -999. 47. 11.1 0.0230 0.47 1.00 1.18 28.0 10.0 278.8 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
19 2 16 47 7 -3.9 0.080 -9.000 -9.000 -999. 55. 12.1 0.0270 0.47 1.00 1.31 330.0 10.0 278.8 2.0 0
0.00 100. 1017. 7 ADJ-A1 NoSubs
19 2 16 47 8 -3.3 0.085 -9.000 -9.000 -999. 59. 16.8 0.0230 0.47 0.51 1.43 329.0 10.0 279.2 2.0 11
0.30 100. 1017. 7 ADJ-A1 NoSubs
19 2 16 47 9 22.4 0.112 0.504 0.005 206. 90. -5.7 0.0280 0.47 0.29 1.26 145.0 10.0 280.4 2.0 0
0.00 92. 1018. 7 ADJ-A1 NoSubs
19 2 16 47 10 50.4 0.123 0.872 0.005 478. 103. -3.3 0.0280 0.47 0.21 1.28 132.0 10.0 282.5 2.0 0
0.00 79. 1018. 7 ADJ-A1 NoSubs
19 2 16 47 11 71.1 0.187 1.088 0.005 659. 194. -8.3 0.0170 0.47 0.19 2.42 200.0 10.0 283.1 2.0 0

0.00 76. 1018. 7 ADJ-A1 NoSubs
19 2 16 47 12 83.3 0.269 1.222 0.005 796. 334. -21.1 0.0210 0.47 0.18 3.63 230.0 10.0 284.2 2.0 0
0.00 76. 1017. 7 ADJ-A1 NoSubs
19 2 16 47 13 102.9 0.303 1.455 0.005 1088. 399. -24.4 0.0180 0.47 0.18 4.25 264.0 10.0 284.9 2.0 0
0.00 71. 1017. 5 ADJ-A1 NoSubs
19 2 16 47 14 81.1 0.370 1.374 0.005 1160. 541. -56.7 0.0180 0.47 0.18 5.46 271.0 10.0 285.9 2.0 0
0.00 58. 1015. 7 ADJ-A1 NoSubs
19 2 16 47 15 17.4 0.352 0.824 0.005 1166. 501. -226.7 0.0180 0.47 0.19 5.43 273.0 10.0 283.1 2.0 11
0.30 79. 1015. 10 ADJ-A1 NoSubs
19 2 16 47 16 43.3 0.291 1.122 0.005 1183. 378. -51.5 0.0180 0.47 0.23 4.27 283.0 10.0 283.1 2.0 11
0.30 76. 1015. 7 ADJ-A1 NoSubs
19 2 16 47 17 11.1 0.315 0.714 0.005 1187. 425. -256.1 0.0180 0.47 0.32 4.88 286.0 10.0 283.1 2.0 0
0.00 70. 1015. 0 ADJ-A1 NoSubs
19 2 16 47 18 -15.1 0.163 -9.000 -9.000 -999. 175. 29.4 0.0230 0.47 0.64 2.67 303.0 10.0 282.0 2.0 0
0.00 70. 1015. 5 ADJ-A1 NoSubs
19 2 16 47 19 -4.8 0.088 -9.000 -9.000 -999. 66. 13.1 0.0230 0.47 1.00 1.50 327.0 10.0 280.9 2.0 0
0.00 78. 1015. 5 ADJ-A1 NoSubs
19 2 16 47 20 -18.0 0.178 -9.000 -9.000 -999. 180. 34.7 0.0180 0.47 1.00 3.01 275.0 10.0 280.4 2.0 0
0.00 79. 1015. 7 ADJ-A1 NoSubs
19 2 16 47 21 -6.1 0.098 -9.000 -9.000 -999. 76. 14.2 0.0180 0.47 1.00 1.74 290.0 10.0 278.1 2.0 0
0.00 85. 1015. 3 ADJ-A1 NoSubs
19 2 16 47 22 -5.6 0.096 -9.000 -9.000 -999. 71. 14.3 0.0270 0.47 1.00 1.59 341.0 10.0 278.8 2.0 0
0.00 91. 1016. 7 ADJ-A1 NoSubs
19 2 16 47 23 -7.8 0.113 -9.000 -9.000 -999. 92. 16.8 0.0230 0.47 1.00 1.91 325.0 10.0 279.2 2.0 0
0.00 85. 1016. 7 ADJ-A1 NoSubs
19 2 16 47 24 -7.4 0.111 -9.000 -9.000 -999. 88. 16.5 0.0270 0.47 1.00 1.82 331.0 10.0 277.5 2.0 0
0.00 92. 1016. 2 ADJ-A1 NoSubs
19 2 17 48 1 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0270 0.47 1.00 1.70 340.0 10.0 276.4 2.0 0
0.00 96. 1015. 3 ADJ-A1 NoSubs
19 2 17 48 2 -9.8 0.128 -9.000 -9.000 -999. 110. 19.3 0.0270 0.47 1.00 2.08 339.0 10.0 275.9 2.0 0
0.00 100. 1015. 7 ADJ-A1 NoSubs
19 2 17 48 3 -11.0 0.136 -9.000 -9.000 -999. 120. 20.6 0.0270 0.47 1.00 2.20 331.0 10.0 277.0 2.0 11
0.30 95. 1014. 10 ADJ-A1 NoSubs
19 2 17 48 4 -8.4 0.119 -9.000 -9.000 -999. 98. 17.8 0.0270 0.47 1.00 1.94 335.0 10.0 277.5 2.0 11
1.50 96. 1013. 10 ADJ-A1 NoSubs
19 2 17 48 5 -2.5 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.47 1.00 1.03 17.0 10.0 278.1 2.0 11
0.30 95. 1012. 10 ADJ-A1 NoSubs
19 2 17 48 6 -4.2 0.084 -9.000 -9.000 -999. 58. 12.6 0.0270 0.47 1.00 1.38 352.0 10.0 278.1 2.0 11
1.50 100. 1012. 10 ADJ-A1 NoSubs
19 2 17 48 7 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.47 1.00 1.48 343.0 10.0 278.1 2.0 0
0.00 100. 1011. 7 ADJ-A1 NoSubs
19 2 17 48 8 -2.8 0.079 -9.000 -9.000 -999. 53. 15.9 0.0200 0.47 0.50 1.37 69.0 10.0 278.1 2.0 0
0.00 100. 1012. 7 ADJ-A1 NoSubs
19 2 17 48 9 26.8 0.100 0.553 0.005 227. 76. -3.3 0.0240 0.47 0.28 1.08 30.0 10.0 280.4 2.0 0
0.00 92. 1012. 3 ADJ-A1 NoSubs
19 2 17 48 10 58.8 0.113 0.873 0.005 409. 91. -2.2 0.0200 0.47 0.21 1.20 70.0 10.0 282.5 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
19 2 17 48 11 72.0 0.321 1.044 0.005 570. 436. -41.3 0.0180 0.47 0.19 4.65 289.0 10.0 284.2 2.0 0
0.00 60. 1012. 7 ADJ-A1 NoSubs
19 2 17 48 12 100.0 0.355 1.358 0.005 904. 507. -40.3 0.0180 0.47 0.18 5.14 289.0 10.0 284.9 2.0 0
0.00 54. 1012. 5 ADJ-A1 NoSubs
19 2 17 48 13 104.0 0.393 1.484 0.005 1134. 592. -52.7 0.0180 0.47 0.18 5.78 277.0 10.0 285.9 2.0 0
0.00 48. 1011. 5 ADJ-A1 NoSubs
19 2 17 48 14 81.3 0.266 1.392 0.005 1199. 340. -21.0 0.0230 0.47 0.18 3.54 325.0 10.0 282.5 2.0 11

0.80 68. 1011. 7 ADJ-A1 NoSubs
19 2 17 48 15 17.8 0.233 0.843 0.005 1214. 271. -64.3 0.0230 0.47 0.19 3.32 317.0 10.0 284.2 2.0 0
0.00 56. 1010. 10 ADJ-A1 NoSubs
19 2 17 48 16 44.4 0.278 1.154 0.005 1248. 352. -43.8 0.0230 0.47 0.23 3.88 316.0 10.0 285.4 2.0 0
0.00 42. 1010. 7 ADJ-A1 NoSubs
19 2 17 48 17 12.0 0.375 0.748 0.005 1255. 552. -396.1 0.0230 0.47 0.32 5.62 301.0 10.0 283.8 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
19 2 17 48 18 -24.3 0.258 -9.000 -9.000 -999. 322. 73.1 0.0180 0.47 0.63 4.29 298.0 10.0 282.0 2.0 0
0.00 57. 1011. 0 ADJ-A1 NoSubs
19 2 17 48 19 -13.8 0.151 -9.000 -9.000 -999. 147. 25.2 0.0180 0.47 1.00 2.59 283.0 10.0 280.4 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 2 17 48 20 -4.4 0.084 -9.000 -9.000 -999. 60. 12.2 0.0180 0.47 1.00 1.48 261.0 10.0 279.2 2.0 0
0.00 75. 1012. 0 ADJ-A1 NoSubs
19 2 17 48 21 -8.2 0.117 -9.000 -9.000 -999. 95. 17.5 0.0270 0.47 1.00 1.91 341.0 10.0 278.1 2.0 0
0.00 85. 1013. 5 ADJ-A1 NoSubs
19 2 17 48 22 -7.7 0.112 -9.000 -9.000 -999. 90. 16.5 0.0230 0.47 1.00 1.89 312.0 10.0 276.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 2 17 48 23 -11.2 0.137 -9.000 -9.000 -999. 122. 20.8 0.0270 0.47 1.00 2.22 341.0 10.0 275.9 2.0 0
0.00 95. 1014. 0 ADJ-A1 NoSubs
19 2 17 48 24 -5.8 0.098 -9.000 -9.000 -999. 74. 14.5 0.0270 0.47 1.00 1.62 338.0 10.0 275.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
19 2 18 49 1 -7.8 0.113 -9.000 -9.000 -999. 91. 16.9 0.0270 0.47 1.00 1.86 336.0 10.0 275.4 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
19 2 18 49 2 -8.2 0.116 -9.000 -9.000 -999. 95. 17.4 0.0270 0.47 1.00 1.91 350.0 10.0 275.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
19 2 18 49 3 -5.6 0.095 -9.000 -9.000 -999. 71. 13.9 0.0230 0.47 1.00 1.62 318.0 10.0 273.8 2.0 0
0.00 100. 1014. 0 ADJ-A1 NoSubs
19 2 18 49 4 -7.2 0.109 -9.000 -9.000 -999. 86. 16.1 0.0270 0.47 1.00 1.79 357.0 10.0 274.2 2.0 0
0.00 96. 1014. 0 ADJ-A1 NoSubs
19 2 18 49 5 -6.0 0.099 -9.000 -9.000 -999. 75. 14.6 0.0270 0.47 1.00 1.64 343.0 10.0 273.8 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 2 18 49 6 -6.1 0.100 -9.000 -9.000 -999. 76. 14.7 0.0270 0.47 1.00 1.65 336.0 10.0 273.8 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 2 18 49 7 -7.1 0.107 -9.000 -9.000 -999. 84. 15.6 0.0230 0.47 1.00 1.81 329.0 10.0 273.1 2.0 0
0.00 100. 1016. 0 ADJ-A1 NoSubs
19 2 18 49 8 -2.9 0.076 -9.000 -9.000 -999. 50. 13.7 0.0270 0.47 0.49 1.26 357.0 10.0 274.9 2.0 0
0.00 95. 1016. 0 ADJ-A1 NoSubs
19 2 18 49 9 23.5 0.102 0.541 0.005 243. 78. -4.1 0.0180 0.47 0.28 1.21 247.0 10.0 278.8 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
19 2 18 49 10 59.6 0.153 0.835 0.005 355. 143. -5.4 0.0170 0.47 0.21 1.89 197.0 10.0 281.4 2.0 0
0.00 68. 1017. 0 ADJ-A1 NoSubs
19 2 18 49 11 86.3 0.202 1.099 0.005 558. 217. -8.6 0.0170 0.47 0.19 2.62 195.0 10.0 283.1 2.0 0
0.00 60. 1018. 0 ADJ-A1 NoSubs
19 2 18 49 12 102.0 0.223 1.283 0.005 752. 253. -9.9 0.0280 0.47 0.18 2.66 145.0 10.0 284.2 2.0 0
0.00 52. 1017. 0 ADJ-A1 NoSubs
19 2 18 49 13 106.2 0.173 1.371 0.005 880. 174. -4.5 0.0310 0.47 0.18 1.84 179.0 10.0 284.9 2.0 0
0.00 46. 1017. 0 ADJ-A1 NoSubs
19 2 18 49 14 99.0 0.255 1.432 0.005 1076. 309. -15.1 0.0210 0.47 0.18 3.35 230.0 10.0 285.9 2.0 0
0.00 42. 1016. 0 ADJ-A1 NoSubs
19 2 18 49 15 80.4 0.226 1.427 0.005 1312. 258. -13.0 0.0270 0.47 0.19 2.79 358.0 10.0 286.4 2.0 0
0.00 31. 1016. 0 ADJ-A1 NoSubs
19 2 18 49 16 51.0 0.281 1.243 0.005 1366. 358. -39.5 0.0230 0.47 0.22 3.90 17.0 10.0 286.4 2.0 0
0.00 31. 1016. 0 ADJ-A1 NoSubs
19 2 18 49 17 13.2 0.244 0.795 0.005 1377. 290. -100.0 0.0270 0.47 0.32 3.44 351.0 10.0 285.4 2.0 0

0.00 32. 1016. 0 ADJ-A1 NoSubs
19 2 18 49 18 -7.7 0.116 -9.000 -9.000 -999. 105. 18.3 0.0270 0.47 0.62 1.89 348.0 10.0 283.8 2.0 0
0.00 34. 1016. 0 ADJ-A1 NoSubs
19 2 18 49 19 -7.4 0.111 -9.000 -9.000 -999. 88. 16.7 0.0270 0.47 1.00 1.82 343.0 10.0 282.0 2.0 0
0.00 41. 1017. 0 ADJ-A1 NoSubs
19 2 18 49 20 -5.4 0.094 -9.000 -9.000 -999. 69. 13.9 0.0230 0.47 1.00 1.60 319.0 10.0 280.4 2.0 0
0.00 51. 1017. 0 ADJ-A1 NoSubs
19 2 18 49 21 -7.4 0.110 -9.000 -9.000 -999. 88. 16.3 0.0230 0.47 1.00 1.86 318.0 10.0 278.1 2.0 0
0.00 61. 1018. 0 ADJ-A1 NoSubs
19 2 18 49 22 -8.5 0.118 -9.000 -9.000 -999. 98. 17.8 0.0270 0.47 1.00 1.94 336.0 10.0 276.4 2.0 0
0.00 75. 1018. 0 ADJ-A1 NoSubs
19 2 18 49 23 -14.1 0.154 -9.000 -9.000 -999. 145. 26.1 0.0270 0.47 1.00 2.47 341.0 10.0 275.9 2.0 0
0.00 75. 1018. 0 ADJ-A1 NoSubs
19 2 18 49 24 -16.8 0.169 -9.000 -9.000 -999. 166. 31.3 0.0270 0.47 1.00 2.69 338.0 10.0 275.4 2.0 0
0.00 78. 1018. 0 ADJ-A1 NoSubs
19 2 19 50 1 -17.1 0.170 -9.000 -9.000 -999. 168. 31.8 0.0270 0.47 1.00 2.71 335.0 10.0 274.9 2.0 0
0.00 81. 1018. 0 ADJ-A1 NoSubs
19 2 19 50 2 -12.5 0.145 -9.000 -9.000 -999. 132. 23.0 0.0270 0.47 1.00 2.33 334.0 10.0 274.9 2.0 0
0.00 81. 1017. 0 ADJ-A1 NoSubs
19 2 19 50 3 -8.3 0.116 -9.000 -9.000 -999. 95. 17.4 0.0270 0.47 1.00 1.91 336.0 10.0 274.2 2.0 0
0.00 81. 1017. 0 ADJ-A1 NoSubs
19 2 19 50 4 -9.9 0.128 -9.000 -9.000 -999. 110. 19.2 0.0270 0.47 1.00 2.08 339.0 10.0 274.2 2.0 0
0.00 78. 1017. 0 ADJ-A1 NoSubs
19 2 19 50 5 -7.0 0.107 -9.000 -9.000 -999. 84. 15.8 0.0270 0.47 1.00 1.76 332.0 10.0 273.1 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
19 2 19 50 6 -4.1 0.082 -9.000 -9.000 -999. 57. 12.3 0.0270 0.47 1.00 1.35 345.0 10.0 272.5 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
19 2 19 50 7 -5.7 0.096 -9.000 -9.000 -999. 71. 13.9 0.0230 0.47 1.00 1.63 327.0 10.0 272.5 2.0 0
0.00 88. 1017. 0 ADJ-A1 NoSubs
19 2 19 50 8 -2.2 0.068 -9.000 -9.000 -999. 42. 12.5 0.0270 0.47 0.48 1.11 337.0 10.0 274.2 2.0 0
0.00 85. 1018. 0 ADJ-A1 NoSubs
19 2 19 50 9 24.3 0.125 0.355 0.007 66. 106. -7.2 0.0230 0.47 0.28 1.50 103.0 10.0 277.0 2.0 0
0.00 72. 1018. 0 ADJ-A1 NoSubs
19 2 19 50 10 60.6 0.127 0.607 0.005 134. 109. -3.1 0.0230 0.47 0.21 1.37 105.0 10.0 280.9 2.0 0
0.00 57. 1018. 0 ADJ-A1 NoSubs
19 2 19 50 11 87.3 0.160 1.004 0.005 421. 153. -4.2 0.0280 0.47 0.19 1.72 139.0 10.0 283.1 2.0 0
0.00 51. 1018. 0 ADJ-A1 NoSubs
19 2 19 50 12 103.2 0.186 1.212 0.005 627. 193. -5.7 0.0310 0.47 0.18 2.04 171.0 10.0 284.9 2.0 0
0.00 40. 1018. 0 ADJ-A1 NoSubs
19 2 19 50 13 107.3 0.225 1.421 0.005 972. 256. -9.6 0.0210 0.47 0.18 2.83 214.0 10.0 285.4 2.0 0
0.00 44. 1017. 0 ADJ-A1 NoSubs
19 2 19 50 14 99.9 0.285 1.523 0.005 1283. 365. -21.0 0.0210 0.47 0.18 3.85 235.0 10.0 285.4 2.0 0
0.00 40. 1016. 0 ADJ-A1 NoSubs
19 2 19 50 15 81.1 0.292 1.448 0.005 1357. 379. -27.8 0.0180 0.47 0.19 4.14 244.0 10.0 285.4 2.0 0
0.00 52. 1016. 0 ADJ-A1 NoSubs
19 2 19 50 16 51.7 0.291 1.260 0.005 1402. 377. -43.2 0.0210 0.47 0.22 4.12 238.0 10.0 285.4 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
19 2 19 50 17 13.9 0.187 0.816 0.005 1413. 199. -42.6 0.0180 0.47 0.31 2.72 246.0 10.0 284.9 2.0 0
0.00 58. 1016. 0 ADJ-A1 NoSubs
19 2 19 50 18 -4.3 0.087 -9.000 -9.000 -999. 67. 13.7 0.0310 0.47 0.61 1.40 164.0 10.0 283.1 2.0 0
0.00 56. 1015. 0 ADJ-A1 NoSubs
19 2 19 50 19 -7.8 0.113 -9.000 -9.000 -999. 92. 16.9 0.0230 0.47 1.00 1.91 9.0 10.0 280.9 2.0 0
0.00 73. 1015. 0 ADJ-A1 NoSubs
19 2 19 50 20 -13.4 0.150 -9.000 -9.000 -999. 139. 24.7 0.0230 0.47 1.00 2.47 327.0 10.0 279.9 2.0 0

0.00 76. 1015. 0 ADJ-A1 NoSubs
19 2 19 50 21 -14.0 0.154 -9.000 -9.000 -999. 145. 26.1 0.0270 0.47 1.00 2.47 336.0 10.0 278.8 2.0 0
0.00 78. 1015. 0 ADJ-A1 NoSubs
19 2 19 50 22 -6.2 0.101 -9.000 -9.000 -999. 78. 15.1 0.0270 0.47 1.00 1.67 332.0 10.0 278.1 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
19 2 19 50 23 -10.3 0.131 -9.000 -9.000 -999. 114. 19.6 0.0230 0.47 1.00 2.18 328.0 10.0 278.1 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
19 2 19 50 24 -7.3 0.110 -9.000 -9.000 -999. 88. 16.4 0.0270 0.47 1.00 1.81 333.0 10.0 277.5 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
19 2 20 51 1 -4.3 0.084 -9.000 -9.000 -999. 58. 12.6 0.0270 0.47 1.00 1.38 356.0 10.0 277.5 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
19 2 20 51 2 -7.4 0.111 -9.000 -9.000 -999. 88. 16.6 0.0270 0.47 1.00 1.82 332.0 10.0 278.8 2.0 0
0.00 85. 1014. 10 ADJ-A1 NoSubs
19 2 20 51 3 -5.1 0.092 -9.000 -9.000 -999. 67. 13.7 0.0270 0.47 1.00 1.52 339.0 10.0 279.2 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
19 2 20 51 4 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0270 0.47 1.00 1.06 334.0 10.0 279.2 2.0 0
0.00 88. 1012. 10 ADJ-A1 NoSubs
19 2 20 51 5 -3.5 0.077 -9.000 -9.000 -999. 52. 11.8 0.0270 0.47 1.00 1.25 344.0 10.0 278.8 2.0 0
0.00 91. 1011. 10 ADJ-A1 NoSubs
19 2 20 51 6 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0270 0.47 1.00 1.28 334.0 10.0 278.8 2.0 0
0.00 91. 1011. 10 ADJ-A1 NoSubs
19 2 20 51 7 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.47 1.00 1.47 346.0 10.0 278.8 2.0 0
0.00 91. 1010. 7 ADJ-A1 NoSubs
19 2 20 51 8 -4.1 0.106 -9.000 -9.000 -999. 83. 26.3 0.0270 0.47 0.48 1.69 332.0 10.0 279.9 2.0 0
0.00 88. 1011. 7 ADJ-A1 NoSubs
19 2 20 51 9 25.8 0.123 0.770 0.006 638. 104. -6.6 0.0230 0.47 0.27 1.47 319.0 10.0 280.9 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
19 2 20 51 10 13.4 0.092 0.683 0.011 857. 67. -5.2 0.0230 0.47 0.21 1.06 327.0 10.0 283.1 2.0 0
0.00 76. 1010. 10 ADJ-A1 NoSubs
19 2 20 51 11 20.1 0.139 0.785 0.011 866. 124. -11.9 0.0180 0.47 0.19 1.84 272.0 10.0 283.8 2.0 0
0.00 76. 1009. 10 ADJ-A1 NoSubs
19 2 20 51 12 103.1 0.160 1.378 0.010 915. 154. -3.6 0.0270 0.47 0.18 1.70 345.0 10.0 285.9 2.0 0
0.00 66. 1008. 5 ADJ-A1 NoSubs
19 2 20 51 13 25.2 0.211 0.866 0.010 926. 233. -33.6 0.0180 0.47 0.18 3.03 286.0 10.0 284.9 2.0 11
0.30 63. 1007. 10 ADJ-A1 NoSubs
19 2 20 51 14 84.1 0.223 1.312 0.010 963. 252. -11.8 0.0230 0.47 0.18 2.81 323.0 10.0 285.4 2.0 11
0.30 61. 1005. 7 ADJ-A1 NoSubs
19 2 20 51 15 82.3 0.358 1.319 0.009 999. 513. -49.7 0.0230 0.47 0.19 5.02 300.0 10.0 286.4 2.0 0
0.00 46. 1004. 0 ADJ-A1 NoSubs
19 2 20 51 16 52.8 0.400 1.146 0.009 1021. 607. -108.6 0.0180 0.47 0.22 6.06 288.0 10.0 285.9 2.0 0
0.00 48. 1004. 0 ADJ-A1 NoSubs
19 2 20 51 17 19.1 0.385 0.818 0.009 1028. 573. -267.5 0.0180 0.47 0.31 5.96 287.0 10.0 285.4 2.0 0
0.00 52. 1003. 3 ADJ-A1 NoSubs
19 2 20 51 18 -27.7 0.309 -9.000 -9.000 -999. 415. 105.0 0.0180 0.47 0.60 5.10 298.0 10.0 283.1 2.0 0
0.00 60. 1003. 0 ADJ-A1 NoSubs
19 2 20 51 19 -27.2 0.273 -9.000 -9.000 -999. 344. 82.2 0.0230 0.47 1.00 4.37 303.0 10.0 282.0 2.0 0
0.00 67. 1003. 0 ADJ-A1 NoSubs
19 2 20 51 20 -3.6 0.078 -9.000 -9.000 -999. 109. 11.7 0.0230 0.47 1.00 1.30 2.0 10.0 280.9 2.0 0
0.00 73. 1003. 0 ADJ-A1 NoSubs
19 2 20 51 21 -4.3 0.084 -9.000 -9.000 -999. 59. 12.5 0.0230 0.47 1.00 1.43 2.0 10.0 279.2 2.0 0
0.00 82. 1003. 0 ADJ-A1 NoSubs
19 2 20 51 22 -9.0 0.123 -9.000 -9.000 -999. 104. 18.6 0.0270 0.47 1.00 2.01 340.0 10.0 277.5 2.0 0
0.00 89. 1003. 0 ADJ-A1 NoSubs
19 2 20 51 23 -10.5 0.133 -9.000 -9.000 -999. 117. 20.2 0.0270 0.47 1.00 2.16 332.0 10.0 277.0 2.0 0

0.00 88. 1002. 0 ADJ-A1 NoSubs
19 2 20 51 24 -6.4 0.103 -9.000 -9.000 -999. 79. 15.3 0.0270 0.47 1.00 1.70 338.0 10.0 276.4 2.0 0
0.00 92. 1002. 0 ADJ-A1 NoSubs
19 2 21 52 1 -3.9 0.081 -9.000 -9.000 -999. 56. 12.2 0.0270 0.47 1.00 1.33 351.0 10.0 275.4 2.0 0
0.00 96. 1001. 0 ADJ-A1 NoSubs
19 2 21 52 2 -9.7 0.128 -9.000 -9.000 -999. 110. 19.2 0.0270 0.47 1.00 2.08 335.0 10.0 275.4 2.0 0
0.00 92. 1001. 0 ADJ-A1 NoSubs
19 2 21 52 3 -8.3 0.118 -9.000 -9.000 -999. 97. 17.6 0.0270 0.47 1.00 1.93 330.0 10.0 275.4 2.0 0
0.00 96. 1000. 5 ADJ-A1 NoSubs
19 2 21 52 4 -8.3 0.118 -9.000 -9.000 -999. 97. 17.6 0.0270 0.47 1.00 1.93 337.0 10.0 275.4 2.0 0
0.00 96. 1000. 5 ADJ-A1 NoSubs
19 2 21 52 5 -5.9 0.098 -9.000 -9.000 -999. 74. 14.3 0.0230 0.47 1.00 1.67 324.0 10.0 274.2 2.0 0
0.00 96. 1000. 0 ADJ-A1 NoSubs
19 2 21 52 6 -9.3 0.125 -9.000 -9.000 -999. 106. 18.8 0.0270 0.47 1.00 2.04 346.0 10.0 275.4 2.0 0
0.00 92. 1000. 0 ADJ-A1 NoSubs
19 2 21 52 7 -11.2 0.137 -9.000 -9.000 -999. 122. 20.7 0.0230 0.47 1.00 2.28 324.0 10.0 275.4 2.0 0
0.00 92. 1000. 5 ADJ-A1 NoSubs
19 2 21 52 8 -7.3 0.128 -9.000 -9.000 -999. 110. 25.7 0.0270 0.47 0.47 2.04 344.0 10.0 277.5 2.0 0
0.00 79. 1001. 0 ADJ-A1 NoSubs
19 2 21 52 9 27.0 0.165 0.660 0.005 379. 161. -14.8 0.0270 0.47 0.27 2.06 353.0 10.0 282.0 2.0 0
0.00 55. 1001. 0 ADJ-A1 NoSubs
19 2 21 52 10 62.9 0.200 0.927 0.005 452. 215. -11.4 0.0230 0.47 0.21 2.52 307.0 10.0 282.5 2.0 0
0.00 58. 1001. 0 ADJ-A1 NoSubs
19 2 21 52 11 89.7 0.214 1.157 0.005 617. 237. -9.7 0.0230 0.47 0.19 2.65 29.0 10.0 284.9 2.0 0
0.00 40. 1001. 0 ADJ-A1 NoSubs
19 2 21 52 12 105.4 0.317 1.315 0.005 771. 429. -27.0 0.0230 0.47 0.18 4.29 27.0 10.0 285.9 2.0 0
0.00 37. 1001. 0 ADJ-A1 NoSubs
19 2 21 52 13 109.5 0.282 1.440 0.005 975. 361. -18.3 0.0230 0.47 0.18 3.71 11.0 10.0 285.9 2.0 0
0.00 36. 1001. 0 ADJ-A1 NoSubs
19 2 21 52 14 102.1 0.309 1.489 0.005 1156. 413. -25.9 0.0270 0.47 0.18 4.05 341.0 10.0 286.4 2.0 0
0.00 35. 1000. 0 ADJ-A1 NoSubs
19 2 21 52 15 86.6 0.332 1.459 0.005 1281. 459. -37.8 0.0270 0.47 0.19 4.46 343.0 10.0 286.4 2.0 0
0.00 32. 1001. 3 ADJ-A1 NoSubs
19 2 21 52 16 57.4 0.328 1.318 0.005 1424. 450. -54.6 0.0270 0.47 0.22 4.49 357.0 10.0 285.9 2.0 0
0.00 32. 1001. 3 ADJ-A1 NoSubs
19 2 21 52 17 15.9 0.291 0.866 0.005 1460. 377. -138.1 0.0270 0.47 0.31 4.14 338.0 10.0 285.9 2.0 0
0.00 27. 1002. 0 ADJ-A1 NoSubs
19 2 21 52 18 -14.7 0.167 -9.000 -9.000 -999. 172. 30.6 0.0230 0.47 0.59 2.72 318.0 10.0 283.1 2.0 0
0.00 35. 1002. 0 ADJ-A1 NoSubs
19 2 21 52 19 -8.8 0.121 -9.000 -9.000 -999. 101. 17.8 0.0180 0.47 1.00 2.10 276.0 10.0 283.1 2.0 0
0.00 34. 1003. 0 ADJ-A1 NoSubs
19 2 21 52 20 -28.1 0.284 -9.000 -9.000 -999. 363. 88.6 0.0270 0.47 1.00 4.41 353.0 10.0 283.8 2.0 0
0.00 31. 1003. 0 ADJ-A1 NoSubs
19 2 21 52 21 -39.6 0.400 -9.000 -9.000 -999. 607. 176.1 0.0270 0.47 1.00 6.13 350.0 10.0 283.8 2.0 0
0.00 30. 1004. 0 ADJ-A1 NoSubs
19 2 21 52 22 -31.9 0.321 -9.000 -9.000 -999. 441. 113.7 0.0270 0.47 1.00 4.97 349.0 10.0 283.1 2.0 0
0.00 30. 1005. 0 ADJ-A1 NoSubs
19 2 21 52 23 -11.7 0.141 -9.000 -9.000 -999. 158. 21.8 0.0230 0.47 1.00 2.33 23.0 10.0 282.5 2.0 0
0.00 31. 1006. 0 ADJ-A1 NoSubs
19 2 21 52 24 -5.8 0.097 -9.000 -9.000 -999. 74. 14.2 0.0200 0.47 1.00 1.69 81.0 10.0 280.9 2.0 0
0.00 36. 1006. 0 ADJ-A1 NoSubs
19 2 22 53 1 -15.7 0.164 -9.000 -9.000 -999. 160. 29.6 0.0240 0.47 1.00 2.67 41.0 10.0 280.9 2.0 0
0.00 36. 1007. 0 ADJ-A1 NoSubs
19 2 22 53 2 -27.8 0.278 -9.000 -9.000 -999. 352. 85.0 0.0230 0.47 1.00 4.44 13.0 10.0 281.4 2.0 0

0.00 32. 1007. 0 ADJ-A1 NoSubs
19 2 22 53 3 -19.9 0.197 -9.000 -9.000 -999. 212. 42.6 0.0240 0.47 1.00 3.17 44.0 10.0 278.8 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
19 2 22 53 4 -5.3 0.092 -9.000 -9.000 -999. 74. 13.3 0.0170 0.47 1.00 1.65 204.0 10.0 277.5 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
19 2 22 53 5 -9.4 0.123 -9.000 -9.000 -999. 103. 17.9 0.0170 0.47 1.00 2.16 183.0 10.0 275.9 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
19 2 22 53 6 -9.0 0.121 -9.000 -9.000 -999. 101. 17.6 0.0180 0.47 1.00 2.11 269.0 10.0 275.9 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
19 2 22 53 7 -10.0 0.129 -9.000 -9.000 -999. 111. 19.5 0.0270 0.47 1.00 2.10 331.0 10.0 275.4 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 2 22 53 8 -6.8 0.125 -9.000 -9.000 -999. 106. 25.8 0.0270 0.47 0.46 1.99 336.0 10.0 277.5 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
19 2 22 53 9 27.9 0.101 0.701 0.007 446. 77. -3.3 0.0310 0.47 0.27 1.03 176.0 10.0 280.9 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
19 2 22 53 10 64.1 0.144 1.057 0.007 667. 131. -4.2 0.0280 0.47 0.21 1.55 123.0 10.0 283.1 2.0 0
0.00 34. 1014. 0 ADJ-A1 NoSubs
19 2 22 53 11 90.7 0.151 1.213 0.007 712. 141. -3.5 0.0310 0.47 0.19 1.55 179.0 10.0 284.2 2.0 0
0.00 36. 1014. 0 ADJ-A1 NoSubs
19 2 22 53 12 106.5 0.164 1.309 0.006 762. 160. -3.8 0.0310 0.47 0.18 1.70 165.0 10.0 285.9 2.0 0
0.00 33. 1014. 0 ADJ-A1 NoSubs
19 2 22 53 13 110.5 0.253 1.344 0.005 796. 306. -13.3 0.0210 0.47 0.18 3.29 239.0 10.0 285.9 2.0 0
0.00 35. 1014. 0 ADJ-A1 NoSubs
19 2 22 53 14 103.0 0.318 1.330 0.005 826. 430. -28.2 0.0180 0.47 0.18 4.51 246.0 10.0 285.9 2.0 0
0.00 41. 1013. 0 ADJ-A1 NoSubs
19 2 22 53 15 84.1 0.340 1.254 0.005 849. 475. -42.1 0.0180 0.47 0.19 4.93 248.0 10.0 285.4 2.0 0
0.00 40. 1014. 0 ADJ-A1 NoSubs
19 2 22 53 16 54.6 0.313 1.098 0.005 876. 421. -50.8 0.0180 0.47 0.22 4.59 241.0 10.0 285.4 2.0 0
0.00 42. 1014. 0 ADJ-A1 NoSubs
19 2 22 53 17 16.4 0.251 0.741 0.005 898. 304. -87.7 0.0180 0.47 0.31 3.78 256.0 10.0 284.2 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
19 2 22 53 18 -2.3 0.064 -9.000 -9.000 -999. 97. 10.5 0.0170 0.47 0.58 1.09 204.0 10.0 283.8 2.0 0
0.00 51. 1015. 0 ADJ-A1 NoSubs
19 2 22 53 19 -5.4 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.47 1.00 1.59 27.0 10.0 280.9 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
19 2 22 53 20 -8.4 0.119 -9.000 -9.000 -999. 98. 17.9 0.0270 0.47 1.00 1.94 335.0 10.0 279.9 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
19 2 22 53 21 -10.5 0.133 -9.000 -9.000 -999. 116. 20.1 0.0270 0.47 1.00 2.15 338.0 10.0 278.1 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
19 2 22 53 22 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0270 0.47 1.00 2.30 340.0 10.0 277.5 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
19 2 22 53 23 -15.7 0.162 -9.000 -9.000 -999. 157. 28.9 0.0230 0.47 1.00 2.66 327.0 10.0 277.0 2.0 0
0.00 72. 1018. 0 ADJ-A1 NoSubs
19 2 22 53 24 -15.8 0.163 -9.000 -9.000 -999. 159. 29.4 0.0270 0.47 1.00 2.61 333.0 10.0 276.4 2.0 0
0.00 75. 1019. 0 ADJ-A1 NoSubs
19 2 23 54 1 -5.7 0.096 -9.000 -9.000 -999. 73. 14.2 0.0270 0.47 1.00 1.59 345.0 10.0 275.4 2.0 0
0.00 81. 1019. 0 ADJ-A1 NoSubs
19 2 23 54 2 -10.2 0.129 -9.000 -9.000 -999. 112. 19.3 0.0230 0.47 1.00 2.16 322.0 10.0 275.9 2.0 0
0.00 78. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 3 -9.7 0.126 -9.000 -9.000 -999. 108. 19.0 0.0270 0.47 1.00 2.06 333.0 10.0 275.4 2.0 0
0.00 81. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 4 -5.2 0.092 -9.000 -9.000 -999. 67. 13.6 0.0270 0.47 1.00 1.52 347.0 10.0 274.2 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 5 -5.4 0.093 -9.000 -9.000 -999. 69. 13.6 0.0230 0.47 1.00 1.59 311.0 10.0 273.8 2.0 0

0.00 88. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 6 -7.2 0.108 -9.000 -9.000 -999. 85. 15.8 0.0230 0.47 1.00 1.82 319.0 10.0 274.2 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 7 -3.7 0.078 -9.000 -9.000 -999. 52. 11.6 0.0230 0.47 1.00 1.30 326.0 10.0 273.8 2.0 0
0.00 88. 1021. 0 ADJ-A1 NoSubs
19 2 23 54 8 -1.8 0.064 -9.000 -9.000 -999. 39. 13.1 0.0270 0.47 0.45 1.06 340.0 10.0 275.9 2.0 0
0.00 81. 1022. 0 ADJ-A1 NoSubs
19 2 23 54 9 28.6 0.116 0.439 0.009 107. 94. -4.9 0.0200 0.47 0.27 1.37 83.0 10.0 278.8 2.0 0
0.00 72. 1022. 0 ADJ-A1 NoSubs
19 2 23 54 10 64.9 0.132 0.712 0.007 203. 115. -3.2 0.0280 0.47 0.21 1.37 121.0 10.0 281.4 2.0 0
0.00 60. 1022. 0 ADJ-A1 NoSubs
19 2 23 54 11 91.7 0.135 1.009 0.008 408. 120. -2.5 0.0230 0.47 0.19 1.42 112.0 10.0 284.2 2.0 0
0.00 49. 1022. 0 ADJ-A1 NoSubs
19 2 23 54 12 107.4 0.143 1.180 0.008 558. 130. -2.5 0.0310 0.47 0.18 1.40 150.0 10.0 285.4 2.0 0
0.00 46. 1022. 0 ADJ-A1 NoSubs
19 2 23 54 13 109.8 0.192 1.219 0.006 601. 202. -5.9 0.0170 0.47 0.18 2.40 195.0 10.0 286.4 2.0 0
0.00 43. 1021. 5 ADJ-A1 NoSubs
19 2 23 54 14 104.1 0.240 1.239 0.005 666. 283. -12.2 0.0210 0.47 0.18 3.10 236.0 10.0 286.4 2.0 0
0.00 45. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 15 85.2 0.258 1.223 0.005 781. 314. -18.2 0.0180 0.47 0.19 3.54 258.0 10.0 285.9 2.0 0
0.00 54. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 16 55.5 0.267 1.081 0.005 828. 331. -31.2 0.0180 0.47 0.22 3.81 249.0 10.0 285.4 2.0 0
0.00 61. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 17 2.5 0.172 0.385 0.005 830. 174. -184.7 0.0180 0.47 0.30 2.64 252.0 10.0 284.9 2.0 0
0.00 63. 1020. 10 ADJ-A1 NoSubs
19 2 23 54 18 -8.7 0.125 -9.000 -9.000 -999. 107. 20.7 0.0180 0.47 0.57 2.16 249.0 10.0 283.8 2.0 0
0.00 73. 1020. 3 ADJ-A1 NoSubs
19 2 23 54 19 -2.5 0.066 -9.000 -9.000 -999. 41. 10.4 0.0170 0.47 1.00 1.08 208.0 10.0 282.5 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 20 -3.6 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.47 1.00 1.23 172.0 10.0 282.5 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 21 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0270 0.47 1.00 1.71 343.0 10.0 280.4 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
19 2 23 54 22 -9.8 0.128 -9.000 -9.000 -999. 110. 19.4 0.0270 0.47 1.00 2.08 332.0 10.0 279.9 2.0 0
0.00 82. 1021. 0 ADJ-A1 NoSubs
19 2 23 54 23 -13.1 0.149 -9.000 -9.000 -999. 138. 24.3 0.0270 0.47 1.00 2.39 333.0 10.0 278.8 2.0 0
0.00 85. 1021. 0 ADJ-A1 NoSubs
19 2 23 54 24 -11.0 0.136 -9.000 -9.000 -999. 120. 20.7 0.0270 0.47 1.00 2.20 337.0 10.0 278.1 2.0 0
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19 2 24 55 1 -9.3 0.125 -9.000 -9.000 -999. 105. 18.8 0.0270 0.47 1.00 2.03 340.0 10.0 278.1 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
19 2 24 55 2 -4.9 0.089 -9.000 -9.000 -999. 64. 13.2 0.0230 0.47 1.00 1.52 328.0 10.0 279.2 2.0 0
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19 2 24 55 3 -4.9 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 1.00 1.48 346.0 10.0 279.2 2.0 0
0.00 85. 1020. 5 ADJ-A1 NoSubs
19 2 24 55 4 -3.3 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.47 1.00 1.20 331.0 10.0 279.9 2.0 0
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19 2 24 55 5 -3.5 0.076 -9.000 -9.000 -999. 51. 11.7 0.0270 0.47 1.00 1.23 347.0 10.0 278.8 2.0 0
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19 2 24 55 6 -3.1 0.072 -9.000 -9.000 -999. 47. 11.1 0.0230 0.47 1.00 1.18 113.0 10.0 278.8 2.0 0
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19 2 24 55 7 -2.9 0.071 -9.000 -9.000 -999. 45. 11.0 0.0230 0.47 1.00 1.14 5.0 10.0 278.1 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
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0.00 76. 1020. 0 ADJ-A1 NoSubs
19 2 24 55 10 66.5 0.143 0.971 0.005 500. 130. -4.0 0.0170 0.47 0.20 1.71 182.0 10.0 284.9 2.0 0
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19 2 24 55 11 93.1 0.177 1.244 0.009 752. 179. -5.4 0.0310 0.47 0.19 1.93 178.0 10.0 285.9 2.0 0
0.00 66. 1018. 0 ADJ-A1 NoSubs
19 2 24 55 12 108.7 0.168 1.401 0.014 920. 166. -4.0 0.0170 0.47 0.18 2.01 184.0 10.0 286.4 2.0 0
0.00 61. 1018. 0 ADJ-A1 NoSubs
19 2 24 55 13 112.8 0.226 1.483 0.014 1049. 257. -9.2 0.0210 0.47 0.18 2.83 221.0 10.0 287.0 2.0 0
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19 2 24 55 14 104.9 0.297 1.475 0.014 1109. 387. -22.5 0.0180 0.47 0.18 4.14 256.0 10.0 285.4 2.0 0
0.00 74. 1016. 0 ADJ-A1 NoSubs
19 2 24 55 15 86.4 0.252 1.390 0.014 1128. 304. -16.8 0.0180 0.47 0.19 3.44 255.0 10.0 287.0 2.0 0
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19 2 24 55 16 56.5 0.277 1.210 0.014 1138. 349. -33.9 0.0180 0.47 0.22 3.97 250.0 10.0 285.4 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
19 2 24 55 17 18.2 0.215 0.831 0.014 1140. 241. -49.3 0.0180 0.47 0.30 3.15 256.0 10.0 284.9 2.0 0
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19 2 24 55 18 -16.0 0.188 -9.000 -9.000 -999. 196. 39.1 0.0180 0.47 0.56 3.17 269.0 10.0 283.8 2.0 0
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19 2 24 55 19 -6.9 0.106 -9.000 -9.000 -999. 85. 15.5 0.0180 0.47 1.00 1.86 264.0 10.0 283.1 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
19 2 24 55 20 -3.4 0.075 -9.000 -9.000 -999. 49. 11.3 0.0200 0.47 1.00 1.28 62.0 10.0 283.8 2.0 0
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19 2 24 55 22 -5.0 0.091 -9.000 -9.000 -999. 65. 13.6 0.0270 0.47 1.00 1.50 359.0 10.0 282.0 2.0 0
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19 2 24 55 23 -6.7 0.106 -9.000 -9.000 -999. 82. 15.8 0.0270 0.47 1.00 1.74 338.0 10.0 281.4 2.0 0
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19 2 25 56 1 -8.4 0.119 -9.000 -9.000 -999. 98. 18.0 0.0270 0.47 1.00 1.94 330.0 10.0 281.4 2.0 0
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19 2 25 56 2 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0270 0.47 1.00 1.06 350.0 10.0 280.9 2.0 0
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19 2 25 56 3 -3.9 0.081 -9.000 -9.000 -999. 56. 12.3 0.0270 0.47 1.00 1.33 357.0 10.0 280.9 2.0 0
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19 2 25 56 4 -9.1 0.123 -9.000 -9.000 -999. 104. 18.5 0.0230 0.47 1.00 2.06 327.0 10.0 280.9 2.0 0
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19 2 25 56 6 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.47 1.00 1.76 344.0 10.0 280.9 2.0 0
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0.00 88. 1012. 7 ADJ-A1 NoSubs
19 2 25 56 8 -1.1 0.071 -9.000 -9.000 -999. 46. 28.9 0.0270 0.47 0.44 1.13 336.0 10.0 281.4 2.0 0
0.00 89. 1012. 5 ADJ-A1 NoSubs
19 2 25 56 9 5.8 0.080 0.309 0.005 185. 55. -8.1 0.0240 0.47 0.26 0.97 44.0 10.0 283.1 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
19 2 25 56 10 15.1 0.190 0.500 0.005 298. 199. -40.8 0.0170 0.47 0.20 2.78 186.0 10.0 285.4 2.0 0
0.00 76. 1012. 10 ADJ-A1 NoSubs
19 2 25 56 11 79.0 0.349 0.978 0.005 428. 495. -48.5 0.0210 0.47 0.19 4.97 214.0 10.0 286.4 2.0 0

0.00 71. 1012. 7 ADJ-A1 NoSubs
19 2 25 56 12 26.2 0.440 0.696 0.006 464. 699. -292.8 0.0210 0.47 0.18 6.65 219.0 10.0 288.1 2.0 0
0.00 66. 1012. 10 ADJ-A1 NoSubs
19 2 25 56 13 26.8 0.457 0.741 0.007 547. 741. -320.8 0.0210 0.47 0.18 6.92 221.0 10.0 286.4 2.0 0
0.00 69. 1012. 10 ADJ-A1 NoSubs
19 2 25 56 14 24.9 0.430 0.760 0.006 634. 677. -287.5 0.0210 0.47 0.18 6.50 219.0 10.0 286.4 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
19 2 25 56 15 87.2 0.500 1.265 0.008 837. 848. -129.2 0.0210 0.47 0.19 7.42 212.0 10.0 287.0 2.0 0
0.00 66. 1011. 5 ADJ-A1 NoSubs
19 2 25 56 16 50.5 0.431 1.082 0.010 904. 683. -142.6 0.0210 0.47 0.22 6.41 215.0 10.0 286.4 2.0 0
0.00 71. 1011. 7 ADJ-A1 NoSubs
19 2 25 56 17 3.2 0.365 0.434 0.010 908. 532. -1352.1 0.0210 0.47 0.30 5.60 225.0 10.0 286.4 2.0 0
0.00 69. 1010. 10 ADJ-A1 NoSubs
19 2 25 56 18 -31.4 0.361 -9.000 -9.000 -999. 522. 143.7 0.0210 0.47 0.56 5.78 226.0 10.0 285.9 2.0 0
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19 2 25 56 19 -41.5 0.420 -9.000 -9.000 -999. 653. 193.9 0.0210 0.47 1.00 6.69 220.0 10.0 285.9 2.0 0
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19 2 25 56 20 -41.9 0.424 -9.000 -9.000 -999. 662. 197.6 0.0210 0.47 1.00 6.75 214.0 10.0 285.9 2.0 0
0.00 73. 1010. 10 ADJ-A1 NoSubs
19 2 25 56 21 -42.0 0.425 -9.000 -9.000 -999. 665. 198.8 0.0210 0.47 1.00 6.77 216.0 10.0 285.9 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
19 2 25 56 22 -32.8 0.331 -9.000 -9.000 -999. 463. 120.6 0.0170 0.47 1.00 5.51 194.0 10.0 285.4 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
19 2 25 56 23 -26.4 0.266 -9.000 -9.000 -999. 331. 77.6 0.0170 0.47 1.00 4.46 180.0 10.0 284.9 2.0 0
0.00 73. 1011. 10 ADJ-A1 NoSubs
19 2 25 56 24 -27.4 0.276 -9.000 -9.000 -999. 348. 83.7 0.0310 0.47 1.00 4.19 173.0 10.0 284.9 2.0 0
0.00 73. 1011. 10 ADJ-A1 NoSubs
19 2 26 57 1 -18.3 0.183 -9.000 -9.000 -999. 192. 37.0 0.0170 0.47 1.00 3.13 181.0 10.0 284.2 2.0 0
0.00 76. 1011. 10 ADJ-A1 NoSubs
19 2 26 57 2 -25.5 0.256 -9.000 -9.000 -999. 311. 72.1 0.0310 0.47 1.00 3.90 171.0 10.0 284.2 2.0 0
0.00 76. 1011. 10 ADJ-A1 NoSubs
19 2 26 57 3 -18.5 0.186 -9.000 -9.000 -999. 195. 38.2 0.0310 0.47 1.00 2.88 178.0 10.0 284.2 2.0 0
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19 2 26 57 4 -17.7 0.178 -9.000 -9.000 -999. 180. 34.9 0.0310 0.47 1.00 2.76 175.0 10.0 284.2 2.0 0
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19 2 26 57 5 -11.3 0.137 -9.000 -9.000 -999. 122. 20.6 0.0170 0.47 1.00 2.38 182.0 10.0 283.8 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
19 2 26 57 6 -8.0 0.116 -9.000 -9.000 -999. 95. 17.7 0.0280 0.47 1.00 1.89 128.0 10.0 284.2 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
19 2 26 57 7 -6.4 0.103 -9.000 -9.000 -999. 80. 15.5 0.0240 0.47 1.00 1.74 40.0 10.0 284.2 2.0 0
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19 2 26 57 8 -11.4 0.200 -9.000 -9.000 -999. 215. 63.6 0.0280 0.47 0.43 3.10 125.0 10.0 284.9 2.0 0
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19 2 26 57 9 6.4 0.147 0.269 0.005 109. 136. -45.0 0.0230 0.47 0.26 2.06 96.0 10.0 285.4 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
19 2 26 57 10 15.6 0.292 0.430 0.005 183. 378. -143.1 0.0310 0.47 0.20 4.06 157.0 10.0 286.4 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
19 2 26 57 11 22.5 0.379 0.541 0.005 254. 559. -218.0 0.0310 0.47 0.18 5.33 168.0 10.0 287.5 2.0 0
0.00 66. 1010. 10 ADJ-A1 NoSubs
19 2 26 57 12 26.6 0.368 0.617 0.005 319. 535. -168.3 0.0310 0.47 0.18 5.14 173.0 10.0 288.8 2.0 0
0.00 64. 1010. 10 ADJ-A1 NoSubs
19 2 26 57 13 95.5 0.360 1.233 0.006 708. 518. -43.9 0.0310 0.47 0.18 4.75 166.0 10.0 289.2 2.0 0
0.00 61. 1009. 7 ADJ-A1 NoSubs
19 2 26 57 14 25.7 0.344 0.819 0.006 769. 484. -142.1 0.0310 0.47 0.18 4.78 165.0 10.0 288.8 2.0 0

0.00 61. 1008. 10 ADJ-A1 NoSubs
19 2 26 57 15 20.9 0.315 0.774 0.006 796. 424. -133.8 0.0310 0.47 0.19 4.37 166.0 10.0 288.8 2.0 0
0.00 61. 1008. 10 ADJ-A1 NoSubs
19 2 26 57 16 12.9 0.199 0.663 0.006 809. 220. -54.8 0.0180 0.47 0.21 2.93 268.0 10.0 285.9 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 2 26 57 17 3.3 0.138 0.423 0.006 813. 125. -71.3 0.0230 0.47 0.29 1.98 323.0 10.0 285.9 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 2 26 57 18 -6.3 0.106 -9.000 -9.000 -999. 83. 17.1 0.0230 0.47 0.55 1.79 13.0 10.0 285.4 2.0 11
0.30 92. 1008. 10 ADJ-A1 NoSubs
19 2 26 57 19 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.47 1.00 1.26 8.0 10.0 284.9 2.0 11
0.30 92. 1008. 10 ADJ-A1 NoSubs
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19 2 26 57 21 -25.3 0.257 -9.000 -9.000 -999. 312. 72.5 0.0280 0.47 1.00 3.98 143.0 10.0 286.4 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
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1.30 82. 1007. 10 ADJ-A1 NoSubs
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2.80 89. 1007. 10 ADJ-A1 NoSubs
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0.50 86. 1007. 10 ADJ-A1 NoSubs
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2.30 86. 1007. 10 ADJ-A1 NoSubs
19 2 27 58 4 -19.1 0.193 -9.000 -9.000 -999. 206. 41.0 0.0280 0.47 1.00 3.03 128.0 10.0 284.9 2.0 11
1.00 92. 1007. 10 ADJ-A1 NoSubs
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0.80 89. 1007. 10 ADJ-A1 NoSubs
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1.30 96. 1008. 10 ADJ-A1 NoSubs
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0.30 96. 1009. 10 ADJ-A1 NoSubs
19 2 27 58 8 -2.9 0.081 -9.000 -9.000 -999. 55. 16.6 0.0270 0.47 0.43 1.33 346.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 2 27 58 9 6.8 0.117 0.287 0.005 125. 95. -20.9 0.0180 0.47 0.26 1.62 290.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 2 27 58 10 16.2 0.317 0.460 0.006 217. 428. -177.9 0.0310 0.47 0.20 4.44 165.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
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0.00 80. 1012. 10 ADJ-A1 NoSubs
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0.00 79. 1012. 10 ADJ-A1 NoSubs
19 2 27 58 14 26.0 0.341 0.712 0.007 500. 478. -137.2 0.0210 0.47 0.18 5.07 230.0 10.0 289.2 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
19 2 27 58 15 21.0 0.443 0.680 0.006 538. 706. -371.5 0.0210 0.47 0.19 6.72 231.0 10.0 288.1 2.0 0
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0.00 83. 1011. 10 ADJ-A1 NoSubs
19 2 27 58 17 3.8 0.411 0.388 0.007 555. 635. -1650.9 0.0180 0.47 0.29 6.47 243.0 10.0 287.0 2.0 0

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19 2 27 58 19 -41.4 0.418 -9.000 -9.000 -999. 649. 191.8 0.0180 0.47 1.00 6.82 245.0 10.0 285.9 2.0 11
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19 2 27 58 20 -23.7 0.238 -9.000 -9.000 -999. 305. 62.4 0.0180 0.47 1.00 3.98 264.0 10.0 285.4 2.0 11
0.30 92. 1013. 10 ADJ-A1 NoSubs
19 2 27 58 21 -9.6 0.126 -9.000 -9.000 -999. 117. 18.7 0.0180 0.47 1.00 2.18 289.0 10.0 285.4 2.0 0
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19 2 27 58 22 -4.0 0.081 -9.000 -9.000 -999. 55. 11.9 0.0180 0.47 1.00 1.42 299.0 10.0 285.4 2.0 0
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19 2 27 58 23 -8.2 0.116 -9.000 -9.000 -999. 95. 17.2 0.0180 0.47 1.00 2.03 266.0 10.0 284.9 2.0 11
0.30 96. 1013. 10 ADJ-A1 NoSubs
19 2 27 58 24 -9.1 0.122 -9.000 -9.000 -999. 103. 18.2 0.0180 0.47 1.00 2.13 283.0 10.0 284.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 2 28 59 1 -8.5 0.118 -9.000 -9.000 -999. 97. 17.5 0.0180 0.47 1.00 2.06 277.0 10.0 284.2 2.0 11
0.30 96. 1014. 10 ADJ-A1 NoSubs
19 2 28 59 2 -7.8 0.113 -9.000 -9.000 -999. 91. 16.7 0.0180 0.47 1.00 1.98 276.0 10.0 283.8 2.0 11
0.30 96. 1014. 10 ADJ-A1 NoSubs
19 2 28 59 3 -2.3 0.065 -9.000 -9.000 -999. 40. 10.8 0.0210 0.47 1.00 0.99 233.0 10.0 283.8 2.0 11
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19 2 28 59 4 -3.4 0.075 -9.000 -9.000 -999. 49. 11.1 0.0170 0.47 1.00 1.31 208.0 10.0 283.1 2.0 0
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19 2 28 59 5 -2.4 0.066 -9.000 -9.000 -999. 41. 10.7 0.0210 0.47 1.00 1.03 220.0 10.0 283.1 2.0 0
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19 2 28 59 6 -6.6 0.103 -9.000 -9.000 -999. 80. 15.1 0.0180 0.47 1.00 1.82 270.0 10.0 283.1 2.0 0
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19 2 28 59 7 -12.2 0.142 -9.000 -9.000 -999. 128. 22.1 0.0180 0.47 1.00 2.44 273.0 10.0 283.1 2.0 0
0.00 89. 1015. 10 ADJ-A1 NoSubs
19 2 28 59 8 -4.0 0.095 -9.000 -9.000 -999. 70. 19.4 0.0180 0.47 0.42 1.64 295.0 10.0 283.8 2.0 0
0.00 85. 1015. 10 ADJ-A1 NoSubs
19 2 28 59 9 6.9 0.117 0.425 0.005 403. 97. -21.3 0.0240 0.47 0.25 1.55 52.0 10.0 284.9 2.0 0
0.00 79. 1015. 10 ADJ-A1 NoSubs
19 2 28 59 10 16.1 0.126 0.675 0.005 691. 108. -11.4 0.0210 0.47 0.20 1.62 227.0 10.0 285.9 2.0 0
0.00 73. 1016. 10 ADJ-A1 NoSubs
19 2 28 59 11 81.5 0.160 1.218 0.006 805. 154. -4.6 0.0210 0.47 0.18 1.86 224.0 10.0 286.4 2.0 0
0.00 66. 1016. 7 ADJ-A1 NoSubs
19 2 28 59 12 111.2 0.231 1.422 0.007 938. 266. -10.0 0.0180 0.47 0.18 3.01 267.0 10.0 287.5 2.0 0
0.00 61. 1016. 5 ADJ-A1 NoSubs
19 2 28 59 13 96.7 0.208 1.402 0.008 1033. 228. -8.5 0.0210 0.47 0.18 2.59 219.0 10.0 287.5 2.0 0
0.00 61. 1015. 7 ADJ-A1 NoSubs
19 2 28 59 14 109.4 0.249 1.486 0.008 1087. 299. -12.8 0.0210 0.47 0.18 3.23 228.0 10.0 288.1 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
19 2 28 59 15 90.3 0.256 1.412 0.007 1128. 310. -16.7 0.0180 0.47 0.19 3.49 241.0 10.0 287.5 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
19 2 28 59 16 60.3 0.298 1.243 0.007 1153. 390. -39.6 0.0180 0.47 0.21 4.31 250.0 10.0 285.9 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
19 2 28 59 17 21.7 0.252 0.887 0.007 1162. 304. -66.4 0.0180 0.47 0.29 3.74 267.0 10.0 285.4 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
19 2 28 59 18 -10.8 0.169 -9.000 -9.000 -999. 169. 40.4 0.0180 0.47 0.53 2.84 282.0 10.0 284.9 2.0 0
0.00 65. 1014. 7 ADJ-A1 NoSubs
19 2 28 59 19 -2.1 0.064 -9.000 -9.000 -999. 47. 11.0 0.0230 0.47 1.00 0.94 310.0 10.0 284.9 2.0 0
0.00 65. 1014. 10 ADJ-A1 NoSubs
19 2 28 59 20 -2.5 0.067 -9.000 -9.000 -999. 41. 10.5 0.0180 0.47 1.00 1.09 265.0 10.0 284.9 2.0 0

0.00 76. 1015. 10 ADJ-A1 NoSubs
19 2 28 59 21 -1.2 0.057 -9.000 -9.000 -999. 33. 13.7 0.0270 0.47 1.00 0.60 353.0 10.0 284.2 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
19 2 28 59 22 -1.3 0.056 -9.000 -9.000 -999. 32. 12.3 0.0180 0.47 1.00 0.67 280.0 10.0 284.2 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
19 2 28 59 23 -1.7 0.059 -9.000 -9.000 -999. 35. 11.1 0.0180 0.47 1.00 0.82 289.0 10.0 283.8 2.0 0
0.00 89. 1015. 5 ADJ-A1 NoSubs
19 2 28 59 24 -4.8 0.089 -9.000 -9.000 -999. 64. 13.2 0.0230 0.47 1.00 1.51 325.0 10.0 282.5 2.0 0
0.00 92. 1014. 7 ADJ-A1 NoSubs
19 3 1 60 1 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0310 0.32 1.00 1.76 329.0 10.0 282.0 2.0 0
0.00 92. 1015. 10 ADJ-SFC NoSubs
19 3 1 60 2 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 339.0 10.0 282.0 2.0 0
0.00 92. 1014. 10 ADJ-SFC NoSubs
19 3 1 60 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 281.4 2.0 0
0.00 92. 1014. 3 ADJ-SFC NoSubs
19 3 1 60 4 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0310 0.32 1.00 1.76 327.0 10.0 281.4 2.0 0
0.00 89. 1013. 7 ADJ-SFC NoSubs
19 3 1 60 5 -18.7 0.185 -9.000 -9.000 -999. 191. 37.6 0.0310 0.32 1.00 2.86 324.0 10.0 280.4 2.0 0
0.00 96. 1013. 0 ADJ-SFC NoSubs
19 3 1 60 6 -19.2 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 348.0 10.0 280.4 2.0 0
0.00 92. 1013. 10 ADJ-SFC NoSubs
19 3 1 60 7 -7.4 0.113 -9.000 -9.000 -999. 92. 17.3 0.0360 0.32 1.00 1.76 345.0 10.0 280.4 2.0 0
0.00 92. 1013. 10 ADJ-SFC NoSubs
19 3 1 60 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.40 0.00 0.0 10.0 282.0 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
19 3 1 60 9 27.8 0.149 0.552 0.005 218. 137. -10.7 0.0300 0.32 0.24 1.76 58.0 10.0 283.8 2.0 0
0.00 82. 1013. 0 ADJ-SFC NoSubs
19 3 1 60 10 55.5 -9.000 -9.000 -9.000 372. -999. -99999.0 0.0304 0.32 0.19 0.00 0.0 10.0 284.9 2.0 0
0.00 73. 1013. 0 ADJ-SFC NoSubs
19 3 1 60 11 75.8 0.168 1.016 0.005 500. 165. -5.6 0.0370 0.32 0.17 1.76 164.0 10.0 285.9 2.0 0
0.00 68. 1013. 0 ADJ-SFC NoSubs
19 3 1 60 12 87.6 0.226 1.192 0.005 699. 258. -11.9 0.0230 0.32 0.17 2.86 207.0 10.0 286.4 2.0 0
0.00 71. 1014. 0 ADJ-SFC NoSubs
19 3 1 60 13 90.5 0.204 1.318 0.007 915. 222. -8.5 0.0304 0.32 0.17 2.36 999.0 10.0 285.9 2.0 0
0.00 68. 1013. 0 ADJ-SFC NoSubs
19 3 1 60 14 83.2 0.207 1.334 0.010 1029. 226. -9.6 0.0340 0.32 0.17 2.36 235.0 10.0 285.9 2.0 0
0.00 71. 1012. 5 ADJ-SFC NoSubs
19 3 1 60 15 70.2 -9.000 -9.000 -9.000 1064. -999. -99999.0 0.0304 0.32 0.18 0.00 0.0 10.0 287.5 2.0 0
0.00 50. 1011. 0 ADJ-SFC NoSubs
19 3 1 60 16 10.8 0.139 0.684 0.011 1070. 124. -22.3 0.0300 0.32 0.20 1.76 25.0 10.0 287.5 2.0 0
0.00 55. 1011. 10 ADJ-SFC NoSubs
19 3 1 60 17 3.3 -9.000 -9.000 -9.000 1071. -999. -99999.0 0.0304 0.32 0.28 0.00 0.0 10.0 287.0 2.0 0
0.00 59. 1010. 10 ADJ-SFC NoSubs
19 3 1 60 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.52 0.00 0.0 10.0 286.4 2.0 0
0.00 66. 1009. 10 ADJ-SFC NoSubs
19 3 1 60 19 -6.5 0.104 -9.000 -9.000 -999. 80. 15.6 0.0230 0.32 1.00 1.76 199.0 10.0 286.4 2.0 0
0.00 71. 1010. 10 ADJ-SFC NoSubs
19 3 1 60 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 71. 1009. 10 ADJ-SFC NoSubs
19 3 1 60 21 -7.0 0.110 -9.000 -9.000 -999. 87. 16.8 0.0310 0.32 1.00 1.76 309.0 10.0 284.9 2.0 0
0.00 85. 1008. 10 ADJ-SFC NoSubs
19 3 1 60 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 0
0.00 82. 1008. 10 ADJ-SFC NoSubs
19 3 1 60 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 0

0.00 86. 1007. 10 ADJ-SFC NoSubs
19 3 1 60 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0
11 1.00 92. 1007. 10 ADJ-SFC NoSubs
19 3 2 61 1 -7.0 0.109 -9.000 -9.000 -999. 86. 16.6 0.0300 0.32 1.00 1.76 15.0 10.0 284.9 2.0 11
1.30 96. 1006. 10 ADJ-SFC NoSubs
19 3 2 61 2 -17.8 0.180 -9.000 -9.000 -999. 184. 35.8 0.0270 0.32 1.00 2.86 69.0 10.0 284.2 2.0 11
2.00 96. 1004. 10 ADJ-SFC NoSubs
19 3 2 61 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0 0
0.00 92. 1003. 10 ADJ-SFC NoSubs
19 3 2 61 4 -7.0 0.110 -9.000 -9.000 -999. 87. 16.7 0.0310 0.32 1.00 1.76 300.0 10.0 284.2 2.0 11
4.80 100. 1002. 10 ADJ-SFC NoSubs
19 3 2 61 5 -7.3 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.32 1.00 1.76 350.0 10.0 284.9 2.0 11
6.90 100. 1002. 10 ADJ-SFC NoSubs
19 3 2 61 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0 11
5.80 100. 1002. 10 ADJ-SFC NoSubs
19 3 2 61 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 11
3.80 100. 1002. 10 ADJ-SFC NoSubs
19 3 2 61 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.40 0.00 0.0 10.0 285.4 2.0 11
11.90 100. 1003. 10 ADJ-SFC NoSubs
19 3 2 61 9 6.0 0.395 0.252 0.007 95. 596. -914.2 0.0230 0.32 0.24 5.96 193.0 10.0 286.4 2.0 11
0.80 100. 1003. 10 ADJ-SFC NoSubs
19 3 2 61 10 13.1 0.264 0.381 0.005 150. 337. -126.1 0.0230 0.32 0.19 3.86 207.0 10.0 287.5 2.0 11
0.30 89. 1004. 10 ADJ-SFC NoSubs
19 3 2 61 11 64.4 0.443 0.815 0.009 300. 708. -120.9 0.0230 0.32 0.17 6.46 207.0 10.0 289.2 2.0 0
0.00 89. 1005. 7 ADJ-SFC NoSubs
19 3 2 61 12 21.2 0.496 0.583 0.010 335. 837. -516.0 0.0340 0.32 0.17 6.96 218.0 10.0 288.1 2.0 0
0.00 93. 1005. 10 ADJ-SFC NoSubs
19 3 2 61 13 21.8 0.496 0.607 0.010 367. 838. -501.8 0.0340 0.32 0.17 6.96 221.0 10.0 287.5 2.0 0
0.00 96. 1005. 10 ADJ-SFC NoSubs
19 3 2 61 14 20.3 0.352 0.607 0.005 394. 518. -192.8 0.0340 0.32 0.17 4.86 226.0 10.0 287.5 2.0 0
0.00 96. 1005. 10 ADJ-SFC NoSubs
19 3 2 61 15 16.8 0.385 0.580 0.006 416. 572. -304.6 0.0340 0.32 0.18 5.36 226.0 10.0 288.1 2.0 0
0.00 89. 1006. 10 ADJ-SFC NoSubs
19 3 2 61 16 10.9 0.247 0.508 0.005 429. 307. -123.1 0.0340 0.32 0.20 3.36 238.0 10.0 287.5 2.0 0
0.00 89. 1006. 10 ADJ-SFC NoSubs
19 3 2 61 17 3.5 0.164 0.348 0.005 433. 163. -114.8 0.0250 0.32 0.27 2.36 270.0 10.0 287.0 2.0 0
0.00 92. 1006. 10 ADJ-SFC NoSubs
19 3 2 61 18 -20.5 0.259 -9.000 -9.000 -999. 316. 75.8 0.0340 0.32 0.51 3.86 236.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-SFC NoSubs
19 3 2 61 19 -7.0 0.110 -9.000 -9.000 -999. 106. 16.8 0.0310 0.32 1.00 1.76 303.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-SFC NoSubs
19 3 2 61 20 -6.6 0.105 -9.000 -9.000 -999. 82. 15.9 0.0250 0.32 1.00 1.76 278.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-SFC NoSubs
19 3 2 61 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-SFC NoSubs
19 3 2 61 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0
11 1.00 100. 1010. 10 ADJ-SFC NoSubs
19 3 2 61 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 0
0.00 100. 1009. 10 ADJ-SFC NoSubs
19 3 2 61 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0
11 0.50 100. 1010. 10 ADJ-SFC NoSubs
19 3 3 62 1 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.32 1.00 1.76 349.0 10.0 285.4 2.0 11
0.30 100. 1010. 10 ADJ-SFC NoSubs
19 3 3 62 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 11

1.00 100. 1011. 10 ADJ-SFC NoSubs
19 3 3 62 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 11
0.30 100. 1010. 10 ADJ-SFC NoSubs
19 3 3 62 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 11
0.30 100. 1010. 10 ADJ-SFC NoSubs
19 3 3 62 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 0
0.00 100. 1010. 10 ADJ-SFC NoSubs
19 3 3 62 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 11
0.30 100. 1011. 10 ADJ-SFC NoSubs
19 3 3 62 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0 11
0.30 100. 1011. 10 ADJ-SFC NoSubs
19 3 3 62 8 -7.5 0.195 -9.000 -9.000 -999. 207. 89.3 0.0370 0.32 0.39 2.86 168.0 10.0 285.4 2.0 11
1.00 100. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 9 6.1 0.268 0.244 0.005 85. 333. -285.7 0.0280 0.32 0.24 3.86 253.0 10.0 285.4 2.0 0
0.00 100. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 10 13.1 0.177 0.391 0.005 164. 182. -38.0 0.0280 0.32 0.19 2.36 244.0 10.0 286.4 2.0 0
0.00 89. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 11 18.3 0.275 0.500 0.005 247. 347. -103.3 0.0280 0.32 0.17 3.86 257.0 10.0 287.0 2.0 0
0.00 89. 1013. 10 ADJ-SFC NoSubs
19 3 3 62 12 21.1 0.253 0.570 0.005 317. 305. -69.1 0.0340 0.32 0.17 3.36 235.0 10.0 286.4 2.0 0
0.00 89. 1013. 10 ADJ-SFC NoSubs
19 3 3 62 13 21.8 0.353 0.610 0.005 375. 503. -181.7 0.0340 0.32 0.17 4.86 216.0 10.0 286.4 2.0 0
0.00 96. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 14 20.2 0.386 0.619 0.005 422. 575. -256.3 0.0340 0.32 0.17 5.36 226.0 10.0 285.9 2.0 11
0.30 96. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 15 16.6 0.243 0.595 0.005 458. 300. -77.6 0.0280 0.32 0.18 3.36 243.0 10.0 285.9 2.0 11
0.30 96. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 16 10.9 0.271 0.525 0.005 479. 339. -165.7 0.0280 0.32 0.20 3.86 263.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 17 3.5 0.327 0.360 0.005 486. 448. -909.7 0.0250 0.32 0.27 4.86 282.0 10.0 285.9 2.0 0
0.00 79. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 18 -14.5 0.183 -9.000 -9.000 -999. 201. 38.0 0.0280 0.32 0.50 2.86 269.0 10.0 285.4 2.0 0
0.00 80. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 19 -28.1 0.282 -9.000 -9.000 -999. 360. 87.7 0.0280 0.32 1.00 4.36 253.0 10.0 284.9 2.0 0
0.00 82. 1012. 10 ADJ-SFC NoSubs
19 3 3 62 20 -21.0 0.211 -9.000 -9.000 -999. 234. 48.9 0.0250 0.32 1.00 3.36 276.0 10.0 284.9 2.0 0
0.00 79. 1013. 10 ADJ-SFC NoSubs
19 3 3 62 21 -24.9 0.249 -9.000 -9.000 -999. 298. 68.0 0.0280 0.32 1.00 3.86 262.0 10.0 283.8 2.0 0
0.00 85. 1014. 10 ADJ-SFC NoSubs
19 3 3 62 22 -12.7 0.148 -9.000 -9.000 -999. 141. 24.0 0.0280 0.32 1.00 2.36 268.0 10.0 284.2 2.0 0
0.00 86. 1014. 10 ADJ-SFC NoSubs
19 3 3 62 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0 0
0.00 86. 1014. 10 ADJ-SFC NoSubs
19 3 3 62 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0 0
0.00 89. 1014. 10 ADJ-SFC NoSubs
19 3 4 63 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 92. 1014. 10 ADJ-SFC NoSubs
19 3 4 63 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 89. 1014. 10 ADJ-SFC NoSubs
19 3 4 63 3 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 343.0 10.0 282.5 2.0 0
0.00 92. 1014. 10 ADJ-SFC NoSubs
19 3 4 63 4 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 346.0 10.0 282.5 2.0 0
0.00 92. 1014. 10 ADJ-SFC NoSubs
19 3 4 63 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.0 2.0 0

0.00 95. 1014. 10 ADJ-SFC NoSubs
19 3 4 63 6 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 336.0 10.0 282.5 2.0 0
0.00 89. 1015. 10 ADJ-SFC NoSubs
19 3 4 63 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.0 2.0 0
0.00 95. 1015. 10 ADJ-SFC NoSubs
19 3 4 63 8 1.9 -9.000 -9.000 -9.000 47. -999. -99999.0 0.0304 0.32 0.38 0.00 0.0 10.0 282.5 2.0 0
0.00 92. 1015. 3 ADJ-SFC NoSubs
19 3 4 63 9 30.6 -9.000 -9.000 -9.000 249. -999. -99999.0 0.0304 0.32 0.23 0.00 0.0 10.0 285.4 2.0 0
0.00 76. 1015. 0 ADJ-SFC NoSubs
19 3 4 63 10 58.8 -9.000 -9.000 -9.000 612. -999. -99999.0 0.0304 0.32 0.19 0.00 0.0 10.0 286.4 2.0 0
0.00 66. 1015. 5 ADJ-SFC NoSubs
19 3 4 63 11 18.3 0.284 0.703 0.005 687. 364. -113.6 0.0340 0.32 0.17 3.86 230.0 10.0 285.9 2.0 0
0.00 71. 1015. 10 ADJ-SFC NoSubs
19 3 4 63 12 21.3 0.277 0.761 0.005 748. 350. -90.2 0.0280 0.32 0.17 3.86 266.0 10.0 286.4 2.0 0
0.00 69. 1015. 10 ADJ-SFC NoSubs
19 3 4 63 13 76.6 0.235 1.283 0.005 997. 273. -15.2 0.0310 0.32 0.17 2.86 303.0 10.0 287.0 2.0 0
0.00 66. 1014. 7 ADJ-SFC NoSubs
19 3 4 63 14 20.5 0.213 0.844 0.005 1059. 236. -42.5 0.0280 0.32 0.17 2.86 268.0 10.0 286.4 2.0 0
0.00 71. 1013. 10 ADJ-SFC NoSubs
19 3 4 63 15 72.2 0.261 1.351 0.005 1236. 321. -22.3 0.0280 0.32 0.18 3.36 263.0 10.0 286.4 2.0 0
0.00 69. 1013. 0 ADJ-SFC NoSubs
19 3 4 63 16 52.0 0.193 1.218 0.005 1256. 205. -12.5 0.0280 0.32 0.20 2.36 269.0 10.0 286.4 2.0 0
0.00 69. 1012. 3 ADJ-SFC NoSubs
19 3 4 63 17 19.7 0.141 0.883 0.005 1264. 127. -12.7 0.0250 0.32 0.27 1.76 294.0 10.0 286.4 2.0 0
0.00 71. 1011. 0 ADJ-SFC NoSubs
19 3 4 63 18 -13.1 0.190 -9.000 -9.000 -999. 198. 47.3 0.0340 0.32 0.50 2.86 234.0 10.0 284.9 2.0 0
0.00 73. 1011. 0 ADJ-SFC NoSubs
19 3 4 63 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0 0
0.00 79. 1012. 0 ADJ-SFC NoSubs
19 3 4 63 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0 0
0.00 82. 1012. 0 ADJ-SFC NoSubs
19 3 4 63 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0 0
0.00 89. 1012. 0 ADJ-SFC NoSubs
19 3 4 63 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0 0
0.00 89. 1012. 0 ADJ-SFC NoSubs
19 3 4 63 23 -7.1 0.110 -9.000 -9.000 -999. 87. 16.7 0.0310 0.32 1.00 1.76 309.0 10.0 283.1 2.0 0
0.00 92. 1012. 10 ADJ-SFC NoSubs
19 3 4 63 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 92. 1011. 3 ADJ-SFC NoSubs
19 3 5 64 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 89. 1010. 5 ADJ-SFC NoSubs
19 3 5 64 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 89. 1010. 5 ADJ-SFC NoSubs
19 3 5 64 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 89. 1009. 10 ADJ-SFC NoSubs
19 3 5 64 4 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 347.0 10.0 283.1 2.0 0
0.00 92. 1008. 10 ADJ-SFC NoSubs
19 3 5 64 5 -6.9 0.107 -9.000 -9.000 -999. 85. 16.2 0.0280 0.32 1.00 1.76 260.0 10.0 282.5 2.0 0
0.00 96. 1009. 10 ADJ-SFC NoSubs
19 3 5 64 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 92. 1008. 10 ADJ-SFC NoSubs
19 3 5 64 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 11
0.50 96. 1008. 10 ADJ-SFC NoSubs
19 3 5 64 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.38 0.00 0.0 10.0 283.1 2.0 11

0.80 96. 1008. 10 ADJ-SFC NoSubs
19 3 5 64 9 6.3 -9.000 -9.000 -9.000 96. -999. -99999.0 0.0304 0.32 0.23 0.00 0.0 10.0 283.8 2.0 0
0.00 92. 1008. 10 ADJ-SFC NoSubs
19 3 5 64 10 13.2 -9.000 -9.000 -9.000 198. -999. -99999.0 0.0304 0.32 0.19 0.00 0.0 10.0 283.8 2.0 11
0.50 96. 1008. 10 ADJ-SFC NoSubs
19 3 5 64 11 18.2 0.142 0.530 0.005 293. 129. -14.2 0.0280 0.32 0.17 1.76 259.0 10.0 283.8 2.0 11
1.30 96. 1008. 10 ADJ-SFC NoSubs
19 3 5 64 12 21.2 -9.000 -9.000 -9.000 320. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 284.2 2.0 11
0.80 92. 1008. 10 ADJ-SFC NoSubs
19 3 5 64 13 22.0 0.313 0.594 0.005 340. 420. -124.6 0.0300 0.32 0.17 4.36 115.0 10.0 285.4 2.0 0
0.00 92. 1005. 10 ADJ-SFC NoSubs
19 3 5 64 14 86.1 0.509 1.041 0.005 469. 873. -137.5 0.0340 0.32 0.17 6.96 144.0 10.0 287.0 2.0 0
0.00 74. 1005. 5 ADJ-SFC NoSubs
19 3 5 64 15 17.2 0.351 0.655 0.005 584. 519. -225.0 0.0340 0.32 0.18 4.86 140.0 10.0 287.5 2.0 0
0.00 71. 1004. 10 ADJ-SFC NoSubs
19 3 5 64 16 11.5 0.214 0.592 0.005 648. 252. -76.5 0.0340 0.32 0.20 2.86 121.0 10.0 287.5 2.0 0
0.00 71. 1003. 10 ADJ-SFC NoSubs
19 3 5 64 17 4.0 0.236 0.423 0.005 670. 275. -291.4 0.0300 0.32 0.27 3.36 119.0 10.0 287.5 2.0 0
0.00 74. 1003. 10 ADJ-SFC NoSubs
19 3 5 64 18 -16.3 0.219 -9.000 -9.000 -999. 246. 57.8 0.0300 0.32 0.49 3.36 113.0 10.0 286.4 2.0 11
0.80 86. 1003. 10 ADJ-SFC NoSubs
19 3 5 64 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
11 0.30 86. 1002. 10 ADJ-SFC NoSubs
19 3 5 64 20 -6.8 0.108 -9.000 -9.000 -999. 85. 16.3 0.0280 0.32 1.00 1.76 244.0 10.0 285.4 2.0 11
0.80 92. 1002. 10 ADJ-SFC NoSubs
19 3 5 64 21 -12.8 0.150 -9.000 -9.000 -999. 139. 24.6 0.0300 0.32 1.00 2.36 36.0 10.0 284.9 2.0 11
0.30 100. 1002. 10 ADJ-SFC NoSubs
19 3 5 64 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0 0
0.00 96. 1002. 10 ADJ-SFC NoSubs
19 3 5 64 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0
11 0.30 96. 1002. 10 ADJ-SFC NoSubs
19 3 5 64 24 -18.0 0.184 -9.000 -9.000 -999. 189. 37.2 0.0300 0.32 1.00 2.86 117.0 10.0 285.9 2.0 11
0.30 82. 1001. 10 ADJ-SFC NoSubs
19 3 6 65 1 -39.6 0.405 -9.000 -9.000 -999. 619. 180.5 0.0340 0.32 1.00 5.96 126.0 10.0 286.4 2.0 0
0.00 74. 1000. 10 ADJ-SFC NoSubs
19 3 6 65 2 -35.4 0.363 -9.000 -9.000 -999. 525. 144.6 0.0340 0.32 1.00 5.36 140.0 10.0 286.4 2.0 0
0.00 77. 999. 10 ADJ-SFC NoSubs
19 3 6 65 3 -18.4 0.188 -9.000 -9.000 -999. 221. 38.9 0.0340 0.32 1.00 2.86 130.0 10.0 285.4 2.0 11
0.80 86. 999. 10 ADJ-SFC NoSubs
19 3 6 65 4 -28.7 0.292 -9.000 -9.000 -999. 379. 94.0 0.0340 0.32 1.00 4.36 127.0 10.0 284.9 2.0 11
4.80 92. 998. 10 ADJ-SFC NoSubs
19 3 6 65 5 -7.3 0.113 -9.000 -9.000 -999. 125. 17.6 0.0370 0.32 1.00 1.76 150.0 10.0 284.9 2.0 11
4.30 92. 999. 10 ADJ-SFC NoSubs
19 3 6 65 6 -13.5 0.156 -9.000 -9.000 -999. 147. 26.6 0.0370 0.32 1.00 2.36 161.0 10.0 284.9 2.0 11
3.80 92. 999. 10 ADJ-SFC NoSubs
19 3 6 65 7 -20.4 0.208 -9.000 -9.000 -999. 227. 47.5 0.0230 0.32 1.00 3.36 190.0 10.0 284.9 2.0 11
4.10 96. 1000. 10 ADJ-SFC NoSubs
19 3 6 65 8 -9.7 0.388 -9.000 -9.000 -999. 579. 535.2 0.0230 0.32 0.37 5.96 205.0 10.0 285.9 2.0 11
0.80 96. 1001. 10 ADJ-SFC NoSubs
19 3 6 65 9 29.9 0.602 0.594 0.005 250. 1121. -651.7 0.0230 0.32 0.23 9.06 208.0 10.0 288.1 2.0 0
0.00 89. 1001. 7 ADJ-SFC NoSubs
19 3 6 65 10 14.1 0.598 0.493 0.005 303. 1110. -1358.8 0.0340 0.32 0.19 8.46 221.0 10.0 288.1 2.0 0
0.00 86. 1002. 10 ADJ-SFC NoSubs
19 3 6 65 11 79.4 0.719 1.077 0.005 563. 1459. -417.9 0.0340 0.32 0.17 10.06 218.0 10.0 288.8 2.0 0

0.00 86. 1003. 5 ADJ-SFC NoSubs
19 3 6 65 12 21.6 0.414 0.718 0.005 612. 745. -293.0 0.0280 0.32 0.17 5.96 240.0 10.0 285.9 2.0 0
0.00 92. 1003. 10 ADJ-SFC NoSubs
19 3 6 65 13 22.2 0.530 0.743 0.005 660. 926. -601.5 0.0340 0.32 0.17 7.46 232.0 10.0 285.4 2.0 11
0.80 92. 1003. 10 ADJ-SFC NoSubs
19 3 6 65 14 20.8 0.599 0.741 0.005 699. 1112. -927.1 0.0340 0.32 0.17 8.46 237.0 10.0 285.9 2.0 0
0.00 89. 1003. 10 ADJ-SFC NoSubs
19 3 6 65 15 73.0 0.507 1.184 0.005 815. 876. -159.8 0.0340 0.32 0.17 6.96 221.0 10.0 286.4 2.0 0
0.00 80. 1004. 5 ADJ-SFC NoSubs
19 3 6 65 16 43.7 0.569 1.017 0.005 864. 1030. -378.5 0.0340 0.32 0.20 7.96 219.0 10.0 285.9 2.0 0
0.00 82. 1004. 7 ADJ-SFC NoSubs
19 3 6 65 17 3.8 0.834 0.453 0.006 867. 1825. -8888.0 0.0230 0.32 0.26 12.66 201.0 10.0 285.4 2.0 0
0.00 82. 1005. 10 ADJ-SFC NoSubs
19 3 6 65 18 -48.9 0.654 -9.000 -9.000 -999. 1312. 513.4 0.0230 0.32 0.48 10.06 199.0 10.0 284.9 2.0
11 0.30 92. 1005. 10 ADJ-SFC NoSubs
19 3 6 65 19 -40.0 0.405 -9.000 -9.000 -999. 694. 180.4 0.0340 0.32 1.00 5.96 226.0 10.0 284.9 2.0 11
1.30 92. 1006. 10 ADJ-SFC NoSubs
19 3 6 65 20 -28.0 0.282 -9.000 -9.000 -999. 378. 87.7 0.0280 0.32 1.00 4.36 265.0 10.0 284.2 2.0 11
0.30 92. 1007. 10 ADJ-SFC NoSubs
19 3 6 65 21 -28.0 0.282 -9.000 -9.000 -999. 360. 87.7 0.0280 0.32 1.00 4.36 267.0 10.0 284.2 2.0 11
0.30 92. 1008. 10 ADJ-SFC NoSubs
19 3 6 65 22 -17.7 0.178 -9.000 -9.000 -999. 185. 34.8 0.0250 0.32 1.00 2.86 270.0 10.0 283.8 2.0 0
0.00 96. 1009. 10 ADJ-SFC NoSubs
19 3 6 65 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0
11 1.00 96. 1010. 10 ADJ-SFC NoSubs
19 3 6 65 24 -7.0 0.109 -9.000 -9.000 -999. 87. 16.7 0.0304 0.32 1.00 1.76 999.0 10.0 284.1 2.0 11
2.00 93. 1010. 10 ADJ-SFC NoSubs
19 3 7 66 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-SFC NoSubs
19 3 7 66 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-SFC NoSubs
19 3 7 66 3 -17.8 0.178 -9.000 -9.000 -999. 180. 34.8 0.0250 0.32 1.00 2.86 271.0 10.0 283.1 2.0 0
0.00 96. 1011. 10 ADJ-SFC NoSubs
19 3 7 66 4 -6.9 0.108 -9.000 -9.000 -999. 86. 16.3 0.0280 0.32 1.00 1.76 256.0 10.0 283.1 2.0 0
0.00 96. 1011. 10 ADJ-SFC NoSubs
19 3 7 66 5 -6.9 0.107 -9.000 -9.000 -999. 85. 16.2 0.0280 0.32 1.00 1.76 267.0 10.0 282.5 2.0 0
0.00 92. 1011. 10 ADJ-SFC NoSubs
19 3 7 66 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.5 2.0 0
0.00 96. 1011. 10 ADJ-SFC NoSubs
19 3 7 66 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.5 2.0 0
0.00 96. 1011. 10 ADJ-SFC NoSubs
19 3 7 66 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.37 0.00 0.0 10.0 284.2 2.0 0
0.00 86. 1012. 10 ADJ-SFC NoSubs
19 3 7 66 9 6.7 0.168 0.274 0.005 111. 166. -64.6 0.0250 0.32 0.23 2.36 276.0 10.0 283.1 2.0 11
0.50 92. 1012. 10 ADJ-SFC NoSubs
19 3 7 66 10 13.6 0.139 0.423 0.005 200. 125. -17.9 0.0280 0.32 0.18 1.76 258.0 10.0 283.8 2.0 0
0.00 85. 1012. 10 ADJ-SFC NoSubs
19 3 7 66 11 18.8 0.285 0.528 0.005 281. 364. -110.5 0.0340 0.32 0.17 3.86 216.0 10.0 285.4 2.0 0
0.00 82. 1012. 10 ADJ-SFC NoSubs
19 3 7 66 12 21.7 0.319 0.596 0.005 352. 433. -135.2 0.0340 0.32 0.17 4.36 233.0 10.0 285.4 2.0 0
0.00 80. 1012. 10 ADJ-SFC NoSubs
19 3 7 66 13 22.3 0.387 0.635 0.005 412. 577. -233.5 0.0340 0.32 0.17 5.36 239.0 10.0 284.9 2.0 0
0.00 82. 1011. 10 ADJ-SFC NoSubs
19 3 7 66 14 20.8 0.309 0.644 0.005 462. 415. -127.6 0.0280 0.32 0.17 4.36 262.0 10.0 284.9 2.0 0

0.00 76. 1011. 10 ADJ-SFC NoSubs
19 3 7 66 15 17.0 0.243 0.617 0.005 497. 289. -76.0 0.0280 0.32 0.17 3.36 258.0 10.0 283.8 2.0 0
0.00 76. 1010. 10 ADJ-SFC NoSubs
19 3 7 66 16 11.3 0.207 0.547 0.005 521. 227. -71.0 0.0280 0.32 0.20 2.86 250.0 10.0 284.2 2.0 11
0.30 79. 1010. 10 ADJ-SFC NoSubs
19 3 7 66 17 3.8 0.233 0.382 0.005 529. 270. -301.7 0.0280 0.32 0.26 3.36 252.0 10.0 283.8 2.0 0
0.00 76. 1010. 10 ADJ-SFC NoSubs
19 3 7 66 18 -6.1 0.110 -9.000 -9.000 -999. 97. 19.6 0.0300 0.32 0.48 1.76 42.0 10.0 283.8 2.0 0
0.00 76. 1009. 10 ADJ-SFC NoSubs
19 3 7 66 19 -7.3 0.111 -9.000 -9.000 -999. 89. 17.1 0.0340 0.32 1.00 1.76 231.0 10.0 282.5 2.0 0
0.00 89. 1009. 10 ADJ-SFC NoSubs
19 3 7 66 20 -12.3 0.145 -9.000 -9.000 -999. 132. 23.1 0.0250 0.32 1.00 2.36 299.0 10.0 282.5 2.0 0
0.00 83. 1010. 7 ADJ-SFC NoSubs
19 3 7 66 21 -12.3 0.145 -9.000 -9.000 -999. 132. 23.0 0.0250 0.32 1.00 2.36 278.0 10.0 282.0 2.0 0
0.00 82. 1010. 10 ADJ-SFC NoSubs
19 3 7 66 22 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0310 0.32 1.00 1.76 310.0 10.0 281.4 2.0 0
0.00 82. 1010. 10 ADJ-SFC NoSubs
19 3 7 66 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 280.4 2.0 0
0.00 89. 1010. 3 ADJ-SFC NoSubs
19 3 7 66 24 -13.1 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 320.0 10.0 279.9 2.0 0
0.00 92. 1011. 7 ADJ-SFC NoSubs
19 3 8 67 1 -21.3 0.211 -9.000 -9.000 -999. 232. 48.9 0.0250 0.32 1.00 3.36 272.0 10.0 280.4 2.0 11
1.00 85. 1011. 10 ADJ-SFC NoSubs
19 3 8 67 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 96. 1011. 10 ADJ-SFC NoSubs
19 3 8 67 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 96. 1011. 7 ADJ-SFC NoSubs
19 3 8 67 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 278.1 2.0 0
0.00 95. 1011. 0 ADJ-SFC NoSubs
19 3 8 67 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 277.0 2.0 0
0.00 95. 1011. 0 ADJ-SFC NoSubs
19 3 8 67 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 275.9 2.0 0
0.00 95. 1012. 0 ADJ-SFC NoSubs
19 3 8 67 7 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 318.0 10.0 276.4 2.0 0
0.00 96. 1012. 3 ADJ-SFC NoSubs
19 3 8 67 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.36 0.00 0.0 10.0 278.8 2.0 0
0.00 91. 1013. 10 ADJ-SFC NoSubs
19 3 8 67 9 30.4 -9.000 -9.000 -9.000 569. -999. -99999.0 0.0304 0.32 0.23 0.00 0.0 10.0 282.0 2.0 0
0.00 82. 1013. 7 ADJ-SFC NoSubs
19 3 8 67 10 52.0 0.221 1.136 0.005 1021. 249. -18.7 0.0250 0.32 0.18 2.86 284.0 10.0 283.8 2.0 0
0.00 68. 1014. 7 ADJ-SFC NoSubs
19 3 8 67 11 18.6 0.251 0.815 0.005 1052. 302. -77.2 0.0340 0.32 0.17 3.36 221.0 10.0 282.0 2.0 11
1.80 82. 1014. 10 ADJ-SFC NoSubs
19 3 8 67 12 95.1 0.275 1.446 0.005 1149. 345. -19.7 0.0340 0.32 0.17 3.36 210.0 10.0 284.9 2.0 0
0.00 68. 1013. 3 ADJ-SFC NoSubs
19 3 8 67 13 93.7 0.462 1.514 0.005 1339. 755. -95.3 0.0280 0.32 0.17 6.46 263.0 10.0 286.4 2.0 0
0.00 64. 1013. 5 ADJ-SFC NoSubs
19 3 8 67 14 74.1 0.556 1.441 0.005 1458. 994. -209.6 0.0280 0.32 0.17 7.96 245.0 10.0 286.4 2.0 0
0.00 59. 1012. 7 ADJ-SFC NoSubs
19 3 8 67 15 62.5 0.554 1.379 0.006 1518. 991. -246.2 0.0280 0.32 0.17 7.96 251.0 10.0 285.4 2.0 0
0.00 63. 1013. 7 ADJ-SFC NoSubs
19 3 8 67 16 51.9 0.320 1.310 0.007 1568. 488. -56.8 0.0280 0.32 0.19 4.36 262.0 10.0 285.4 2.0 0
0.00 54. 1012. 0 ADJ-SFC NoSubs
19 3 8 67 17 22.0 0.406 0.988 0.007 1587. 621. -275.5 0.0250 0.32 0.26 5.96 279.0 10.0 284.9 2.0 0

0.00 56. 1013. 0 ADJ-SFC NoSubs
19 3 8 67 18 -5.3 0.108 -9.000 -9.000 -999. 239. 21.1 0.0250 0.32 0.47 1.76 294.0 10.0 283.1 2.0 0
0.00 58. 1013. 0 ADJ-SFC NoSubs
19 3 8 67 19 -6.7 0.105 -9.000 -9.000 -999. 89. 15.8 0.0250 0.32 1.00 1.76 274.0 10.0 282.0 2.0 0
0.00 62. 1014. 0 ADJ-SFC NoSubs
19 3 8 67 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 281.4 2.0 0
0.00 68. 1013. 0 ADJ-SFC NoSubs
19 3 8 67 21 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 341.0 10.0 280.9 2.0 0
0.00 73. 1013. 0 ADJ-SFC NoSubs
19 3 8 67 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
19 3 8 67 23 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 347.0 10.0 278.1 2.0 0
0.00 88. 1013. 0 ADJ-SFC NoSubs
19 3 8 67 24 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0360 0.32 1.00 1.76 334.0 10.0 277.5 2.0 0
0.00 89. 1013. 0 ADJ-SFC NoSubs
19 3 9 68 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 277.5 2.0 0
0.00 92. 1012. 0 ADJ-SFC NoSubs
19 3 9 68 2 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 353.0 10.0 278.1 2.0 0
0.00 88. 1012. 0 ADJ-SFC NoSubs
19 3 9 68 3 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 328.0 10.0 278.1 2.0 0
0.00 88. 1012. 5 ADJ-SFC NoSubs
19 3 9 68 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0360 0.32 1.00 1.76 352.0 10.0 278.1 2.0 0
0.00 92. 1011. 7 ADJ-SFC NoSubs
19 3 9 68 5 -7.3 0.111 -9.000 -9.000 -999. 89. 17.0 0.0340 0.32 1.00 1.76 120.0 10.0 278.8 2.0 0
0.00 91. 1011. 10 ADJ-SFC NoSubs
19 3 9 68 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 88. 1011. 10 ADJ-SFC NoSubs
19 3 9 68 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 278.8 2.0 0
0.00 88. 1011. 0 ADJ-SFC NoSubs
19 3 9 68 8 6.7 0.135 0.254 0.005 88. 119. -33.1 0.0304 0.32 0.35 1.76 999.0 10.0 280.4 2.0 0
0.00 85. 1010. 5 ADJ-SFC NoSubs
19 3 9 68 9 31.1 0.192 0.566 0.005 210. 202. -20.5 0.0340 0.32 0.22 2.36 122.0 10.0 282.0 2.0 0
0.00 73. 1010. 7 ADJ-SFC NoSubs
19 3 9 68 10 14.0 0.282 0.471 0.005 270. 359. -144.5 0.0340 0.32 0.18 3.86 136.0 10.0 283.1 2.0 0
0.00 65. 1010. 10 ADJ-SFC NoSubs
19 3 9 68 11 19.0 0.267 0.673 0.005 576. 332. -90.5 0.0230 0.32 0.17 3.86 185.0 10.0 283.8 2.0 0
0.00 70. 1009. 10 ADJ-SFC NoSubs
19 3 9 68 12 21.7 0.176 0.776 0.005 773. 181. -22.8 0.0230 0.32 0.17 2.36 186.0 10.0 282.5 2.0 11
2.30 86. 1010. 10 ADJ-SFC NoSubs
19 3 9 68 13 22.4 0.387 0.799 0.005 820. 577. -232.3 0.0340 0.32 0.17 5.36 212.0 10.0 282.5 2.0 11
1.30 89. 1009. 10 ADJ-SFC NoSubs
19 3 9 68 14 74.4 0.539 1.246 0.005 936. 949. -189.1 0.0230 0.32 0.17 7.96 194.0 10.0 284.9 2.0 0
0.00 76. 1008. 7 ADJ-SFC NoSubs
19 3 9 68 15 17.5 0.431 0.776 0.005 961. 690. -413.0 0.0230 0.32 0.17 6.46 180.0 10.0 284.9 2.0 0
0.00 79. 1008. 10 ADJ-SFC NoSubs
19 3 9 68 16 45.0 0.439 1.086 0.005 1023. 697. -168.3 0.0230 0.32 0.19 6.46 194.0 10.0 284.9 2.0 0
0.00 73. 1007. 7 ADJ-SFC NoSubs
19 3 9 68 17 3.8 0.197 0.477 0.005 1023. 273. -179.3 0.0250 0.32 0.26 2.86 285.0 10.0 281.4 2.0 11
0.50 92. 1008. 10 ADJ-SFC NoSubs
19 3 9 68 18 -13.6 0.185 -9.000 -9.000 -999. 192. 41.9 0.0300 0.32 0.47 2.86 115.0 10.0 281.4 2.0 11
3.30 92. 1007. 10 ADJ-SFC NoSubs
19 3 9 68 19 -7.0 0.109 -9.000 -9.000 -999. 88. 16.5 0.0300 0.32 1.00 1.76 46.0 10.0 280.9 2.0 11
1.00 92. 1007. 10 ADJ-SFC NoSubs
19 3 9 68 20 -7.1 0.109 -9.000 -9.000 -999. 86. 16.5 0.0304 0.32 1.00 1.76 999.0 10.0 280.4 2.0 11

2.50 92. 1008. 10 ADJ-SFC NoSubs
19 3 9 68 21 -7.0 0.109 -9.000 -9.000 -999. 86. 16.5 0.0300 0.32 1.00 1.76 28.0 10.0 280.4 2.0 11
2.00 96. 1008. 10 ADJ-SFC NoSubs
19 3 9 68 22 -7.0 0.109 -9.000 -9.000 -999. 86. 16.5 0.0300 0.32 1.00 1.76 27.0 10.0 280.4 2.0 11
2.30 96. 1008. 10 ADJ-SFC NoSubs
19 3 9 68 23 -6.8 0.107 -9.000 -9.000 -999. 84. 16.0 0.0270 0.32 1.00 1.76 77.0 10.0 280.4 2.0 11
0.80 96. 1008. 10 ADJ-SFC NoSubs
19 3 9 68 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 280.4 2.0
11 0.50 96. 1008. 7 ADJ-SFC NoSubs
19 3 10 69 1 -13.0 0.150 -9.000 -9.000 -999. 139. 24.6 0.0300 0.32 1.00 2.36 109.0 10.0 280.4 2.0 11
1.30 96. 1008. 10 ADJ-SFC NoSubs
19 3 10 69 2 -12.6 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.32 1.00 2.36 60.0 10.0 280.4 2.0 11
3.60 100. 1008. 10 ADJ-SFC NoSubs
19 3 10 69 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 280.9 2.0
11 0.50 92. 1007. 10 ADJ-SFC NoSubs
19 3 10 69 4 -12.6 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.32 1.00 2.36 80.0 10.0 280.4 2.0 11
0.80 96. 1007. 10 ADJ-SFC NoSubs
19 3 10 69 5 -13.0 0.150 -9.000 -9.000 -999. 139. 24.6 0.0300 0.32 1.00 2.36 97.0 10.0 280.4 2.0 11
2.80 96. 1007. 10 ADJ-SFC NoSubs
19 3 10 69 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 280.4 2.0
11 0.50 96. 1007. 10 ADJ-SFC NoSubs
19 3 10 69 7 -12.6 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.32 1.00 2.36 89.0 10.0 280.4 2.0 0
0.00 96. 1008. 7 ADJ-SFC NoSubs
19 3 10 69 8 -2.2 0.115 -9.000 -9.000 -999. 93. 60.6 0.0300 0.32 0.35 1.76 117.0 10.0 281.4 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
19 3 10 69 9 31.8 0.195 0.621 0.005 271. 207. -20.9 0.0370 0.32 0.22 2.36 175.0 10.0 282.5 2.0 0
0.00 86. 1009. 7 ADJ-SFC NoSubs
19 3 10 69 10 53.4 0.196 0.860 0.005 428. 208. -12.7 0.0300 0.32 0.18 2.36 100.0 10.0 284.2 2.0 0
0.00 76. 1009. 7 ADJ-SFC NoSubs
19 3 10 69 11 82.1 0.309 1.107 0.005 596. 411. -32.2 0.0370 0.32 0.17 3.86 162.0 10.0 286.4 2.0 0
0.00 64. 1009. 5 ADJ-SFC NoSubs
19 3 10 69 12 92.8 0.288 1.247 0.005 752. 372. -23.3 0.0230 0.32 0.17 3.86 205.0 10.0 287.0 2.0 0
0.00 61. 1009. 5 ADJ-SFC NoSubs
19 3 10 69 13 97.4 0.373 1.416 0.005 1050. 546. -47.9 0.0340 0.32 0.16 4.86 239.0 10.0 286.4 2.0 0
0.00 64. 1009. 0 ADJ-SFC NoSubs
19 3 10 69 14 91.4 0.372 1.416 0.005 1118. 544. -50.6 0.0340 0.32 0.17 4.86 226.0 10.0 287.0 2.0 0
0.00 68. 1008. 0 ADJ-SFC NoSubs
19 3 10 69 15 76.6 0.389 1.356 0.005 1172. 582. -69.1 0.0280 0.32 0.17 5.36 240.0 10.0 287.5 2.0 0
0.00 59. 1008. 0 ADJ-SFC NoSubs
19 3 10 69 16 53.4 0.314 1.214 0.005 1206. 426. -52.4 0.0250 0.32 0.19 4.36 278.0 10.0 286.4 2.0 0
0.00 66. 1008. 0 ADJ-SFC NoSubs
19 3 10 69 17 23.4 0.342 0.925 0.005 1220. 480. -154.4 0.0280 0.32 0.26 4.86 268.0 10.0 285.9 2.0 0
0.00 68. 1009. 0 ADJ-SFC NoSubs
19 3 10 69 18 -17.1 0.251 -9.000 -9.000 -999. 305. 82.7 0.0280 0.32 0.46 3.86 264.0 10.0 284.9 2.0 0
0.00 73. 1009. 10 ADJ-SFC NoSubs
19 3 10 69 19 -18.5 0.185 -9.000 -9.000 -999. 192. 37.6 0.0310 0.32 1.00 2.86 306.0 10.0 282.0 2.0 11
4.80 82. 1010. 10 ADJ-SFC NoSubs
19 3 10 69 20 -7.1 0.109 -9.000 -9.000 -999. 89. 16.7 0.0310 0.32 1.00 1.76 329.0 10.0 282.0 2.0 11
0.30 89. 1010. 10 ADJ-SFC NoSubs
19 3 10 69 21 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 336.0 10.0 282.0 2.0 0
0.00 95. 1011. 7 ADJ-SFC NoSubs
19 3 10 69 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 96. 1011. 0 ADJ-SFC NoSubs
19 3 10 69 23 -7.1 0.109 -9.000 -9.000 -999. 86. 16.5 0.0300 0.32 1.00 1.76 8.0 10.0 280.4 2.0 0

0.00 100. 1011. 0 ADJ-SFC NoSubs
19 3 10 69 24 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 349.0 10.0 279.2 2.0 0
0.00 96. 1011. 0 ADJ-SFC NoSubs
19 3 11 70 1 -7.1 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.32 1.00 1.76 312.0 10.0 278.8 2.0 0
0.00 95. 1011. 0 ADJ-SFC NoSubs
19 3 11 70 2 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0360 0.32 1.00 1.76 341.0 10.0 278.1 2.0 0
0.00 95. 1012. 0 ADJ-SFC NoSubs
19 3 11 70 3 -18.8 0.185 -9.000 -9.000 -999. 191. 37.6 0.0310 0.32 1.00 2.86 320.0 10.0 277.5 2.0 0
0.00 96. 1011. 0 ADJ-SFC NoSubs
19 3 11 70 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 277.5 2.0 0
0.00 96. 1011. 0 ADJ-SFC NoSubs
19 3 11 70 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 276.4 2.0 0
0.00 100. 1011. 0 ADJ-SFC NoSubs
19 3 11 70 6 -7.2 0.109 -9.000 -9.000 -999. 87. 16.5 0.0310 0.32 1.00 1.76 322.0 10.0 277.0 2.0 0
0.00 95. 1012. 0 ADJ-SFC NoSubs
19 3 11 70 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 277.0 2.0 0
0.00 95. 1012. 0 ADJ-SFC NoSubs
19 3 11 70 8 3.9 -9.000 -9.000 -9.000 56. -999. -99999.0 0.0304 0.32 0.34 0.00 0.0 10.0 279.9 2.0 0
0.00 92. 1012. 0 ADJ-SFC NoSubs
19 3 11 70 9 36.4 -9.000 -9.000 -9.000 121. -999. -99999.0 0.0304 0.32 0.22 0.00 0.0 10.0 282.0 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
19 3 11 70 10 64.1 0.159 0.692 0.006 186. 152. -5.7 0.0300 0.32 0.18 1.76 114.0 10.0 284.2 2.0 0
0.00 76. 1013. 0 ADJ-SFC NoSubs
19 3 11 70 11 84.2 0.164 0.916 0.005 329. 159. -4.7 0.0304 0.32 0.17 1.76 999.0 10.0 286.4 2.0 0
0.00 71. 1012. 0 ADJ-SFC NoSubs
19 3 11 70 12 95.8 0.205 1.067 0.005 458. 223. -8.2 0.0304 0.32 0.17 2.36 999.0 10.0 288.1 2.0 0
0.00 63. 1012. 0 ADJ-SFC NoSubs
19 3 11 70 13 98.5 0.267 1.217 0.005 661. 331. -17.4 0.0280 0.32 0.16 3.36 247.0 10.0 288.1 2.0 0
0.00 63. 1012. 0 ADJ-SFC NoSubs
19 3 11 70 14 92.4 0.258 1.270 0.005 800. 314. -16.7 0.0230 0.32 0.17 3.36 207.0 10.0 288.8 2.0 0
0.00 59. 1011. 0 ADJ-SFC NoSubs
19 3 11 70 15 77.7 0.238 1.235 0.005 874. 280. -15.7 0.0340 0.32 0.17 2.86 235.0 10.0 289.9 2.0 0
0.00 55. 1010. 0 ADJ-SFC NoSubs
19 3 11 70 16 54.6 0.298 1.118 0.005 921. 390. -43.5 0.0340 0.32 0.19 3.86 214.0 10.0 289.9 2.0 0
0.00 55. 1009. 0 ADJ-SFC NoSubs
19 3 11 70 17 24.5 0.141 0.863 0.005 941. 147. -10.3 0.0230 0.32 0.25 1.76 199.0 10.0 289.2 2.0 0
0.00 55. 1009. 0 ADJ-SFC NoSubs
19 3 11 70 18 -5.2 0.116 -9.000 -9.000 -999. 95. 26.8 0.0360 0.32 0.45 1.76 346.0 10.0 290.4 2.0 0
0.00 44. 1009. 0 ADJ-SFC NoSubs
19 3 11 70 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 63. 1009. 0 ADJ-SFC NoSubs
19 3 11 70 20 -13.6 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.32 1.00 2.36 337.0 10.0 284.2 2.0 0
0.00 71. 1009. 0 ADJ-SFC NoSubs
19 3 11 70 21 -13.6 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 340.0 10.0 282.5 2.0 0
0.00 76. 1009. 0 ADJ-SFC NoSubs
19 3 11 70 22 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 355.0 10.0 280.9 2.0 0
0.00 85. 1009. 0 ADJ-SFC NoSubs
19 3 11 70 23 -13.7 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 351.0 10.0 280.4 2.0 0
0.00 85. 1008. 0 ADJ-SFC NoSubs
19 3 11 70 24 -18.5 0.184 -9.000 -9.000 -999. 189. 37.1 0.0300 0.32 1.00 2.86 3.0 10.0 279.9 2.0 0
0.00 88. 1008. 0 ADJ-SFC NoSubs
19 3 12 71 1 -13.0 0.150 -9.000 -9.000 -999. 139. 24.6 0.0300 0.32 1.00 2.36 10.0 10.0 279.9 2.0 0
0.00 88. 1008. 0 ADJ-SFC NoSubs
19 3 12 71 2 -13.7 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 337.0 10.0 279.2 2.0 0

0.00 92. 1008. 0 ADJ-SFC NoSubs
19 3 12 71 3 -19.1 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 350.0 10.0 279.9 2.0 0
0.00 92. 1008. 7 ADJ-SFC NoSubs
19 3 12 71 4 -19.1 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 330.0 10.0 280.4 2.0 0
0.00 92. 1008. 10 ADJ-SFC NoSubs
19 3 12 71 5 -13.6 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 359.0 10.0 280.9 2.0 0
0.00 92. 1008. 10 ADJ-SFC NoSubs
19 3 12 71 6 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 341.0 10.0 280.9 2.0 0
0.00 92. 1008. 7 ADJ-SFC NoSubs
19 3 12 71 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.73 0.00 0.0 10.0 280.9 2.0 0
0.00 95. 1008. 10 ADJ-SFC NoSubs
19 3 12 71 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.34 0.00 0.0 10.0 282.0 2.0 0
0.00 92. 1009. 10 ADJ-SFC NoSubs
19 3 12 71 9 40.3 0.189 0.549 0.013 147. 197. -15.0 0.0270 0.32 0.22 2.36 75.0 10.0 283.8 2.0 0
0.00 85. 1009. 3 ADJ-SFC NoSubs
19 3 12 71 10 67.6 0.166 0.765 0.014 239. 162. -6.1 0.0370 0.32 0.18 1.76 169.0 10.0 285.4 2.0 0
0.00 80. 1009. 3 ADJ-SFC NoSubs
19 3 12 71 11 83.7 0.226 0.993 0.014 420. 257. -12.3 0.0230 0.32 0.17 2.86 186.0 10.0 287.0 2.0 0
0.00 74. 1008. 5 ADJ-SFC NoSubs
19 3 12 71 12 96.6 0.166 1.096 0.012 491. 163. -4.2 0.0300 0.32 0.17 1.76 94.0 10.0 288.1 2.0 0
0.00 66. 1008. 0 ADJ-SFC NoSubs
19 3 12 71 13 97.1 0.159 1.144 0.011 553. 152. -3.7 0.0230 0.32 0.16 1.76 200.0 10.0 289.9 2.0 0
0.00 64. 1007. 5 ADJ-SFC NoSubs
19 3 12 71 14 93.1 0.631 1.161 0.005 604. 1203. -242.3 0.0280 0.32 0.17 9.06 269.0 10.0 289.2 2.0 0
0.00 53. 1007. 0 ADJ-SFC NoSubs
19 3 12 71 15 78.1 0.420 1.111 0.005 631. 698. -85.1 0.0250 0.32 0.17 5.96 290.0 10.0 288.8 2.0 0
0.00 45. 1006. 0 ADJ-SFC NoSubs
19 3 12 71 16 54.8 0.575 0.997 0.005 648. 1046. -311.7 0.0250 0.32 0.19 8.46 293.0 10.0 287.5 2.0 0
0.00 48. 1007. 0 ADJ-SFC NoSubs
19 3 12 71 17 24.7 0.472 0.767 0.005 656. 788. -382.4 0.0250 0.32 0.25 6.96 292.0 10.0 286.4 2.0 0
0.00 56. 1007. 0 ADJ-SFC NoSubs
19 3 12 71 18 -12.2 0.247 -9.000 -9.000 -999. 347. 111.6 0.0250 0.32 0.45 3.86 295.0 10.0 284.9 2.0 0
0.00 60. 1008. 0 ADJ-SFC NoSubs
19 3 12 71 19 -18.4 0.185 -9.000 -9.000 -999. 194. 37.6 0.0310 0.32 1.00 2.86 314.0 10.0 283.8 2.0 0
0.00 68. 1008. 0 ADJ-SFC NoSubs
19 3 12 71 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 999.00 999.0 -9.0 283.1 2.0
0 0.00 70. 1009. 99 NAD NoSubs
19 3 12 71 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1010. 99 NAD NoSubs
19 3 12 71 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1011. 99 NAD NoSubs
19 3 12 71 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1011. 99 NAD NoSubs
19 3 12 71 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1012. 99 NAD NoSubs
19 3 13 72 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1012. 99 NAD NoSubs
19 3 13 72 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 999.00 999.0 -9.0 999.0 -9.0
0 0.00 999. 1013. 99 NAD NoSubs
19 3 13 72 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 277.5 2.0 0
0.00 82. 1013. 99 ADJ-SFC NoSubs
19 3 13 72 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 277.0 2.0 0
0.00 81. 1013. 0 ADJ-SFC NoSubs
19 3 13 72 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 277.5 2.0 0

0.00 73. 1014. 0 ADJ-SFC NoSubs
19 3 13 72 6 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 312.0 10.0 278.8 2.0 0
0.00 64. 1015. 0 ADJ-SFC NoSubs
19 3 13 72 7 -22.3 0.219 -9.000 -9.000 -999. 246. 52.8 0.0310 0.32 0.72 3.36 317.0 10.0 278.1 2.0 0
0.00 70. 1015. 0 ADJ-SFC NoSubs
19 3 13 72 8 6.0 0.279 0.304 0.005 168. 355. -328.0 0.0360 0.32 0.33 3.86 343.0 10.0 283.8 2.0 0
0.00 42. 1016. 0 ADJ-SFC NoSubs
19 3 13 72 9 38.6 0.329 0.606 0.005 209. 452. -83.3 0.0360 0.32 0.22 4.36 358.0 10.0 285.4 2.0 0
0.00 34. 1016. 0 ADJ-SFC NoSubs
19 3 13 72 10 66.3 0.232 0.785 0.005 265. 272. -17.0 0.0304 0.32 0.18 2.86 999.0 10.0 287.5 2.0 0
0.00 31. 1017. 0 ADJ-SFC NoSubs
19 3 13 72 11 86.2 0.203 0.969 0.005 383. 220. -8.8 0.0300 0.32 0.17 2.36 27.0 10.0 288.8 2.0 0
0.00 29. 1017. 0 ADJ-SFC NoSubs
19 3 13 72 12 97.7 -9.000 -9.000 -9.000 570. -999. -99999.0 0.0304 0.32 0.16 999.00 999.0 -9.0 289.9 2.0
0 0.00 23. 1016. 0 NAD NoSubs
19 3 13 72 13 100.5 -9.000 -9.000 -9.000 756. -999. -99999.0 0.0304 0.32 0.16 999.00 999.0 -9.0 290.9 2.0
0 0.00 21. 1016. 0 NAD NoSubs
19 3 13 72 14 94.3 0.269 1.311 0.005 866. 335. -18.7 0.0300 0.32 0.17 3.36 37.0 10.0 291.4 2.0 0
0.00 20. 1015. 0 ADJ-SFC NoSubs
19 3 13 72 15 79.3 0.307 1.271 0.005 938. 407. -32.9 0.0360 0.32 0.17 3.86 333.0 10.0 291.4 2.0 0
0.00 19. 1015. 0 ADJ-SFC NoSubs
19 3 13 72 16 56.2 0.261 1.154 0.005 991. 320. -28.5 0.0304 0.32 0.19 3.36 999.0 10.0 291.4 2.0 0
0.00 21. 1015. 0 ADJ-SFC NoSubs
19 3 13 72 17 26.1 0.291 0.910 0.006 1047. 376. -85.2 0.0360 0.32 0.25 3.86 338.0 10.0 290.9 2.0 0
0.00 20. 1015. 0 ADJ-SFC NoSubs
19 3 13 72 18 -6.6 0.154 -9.000 -9.000 -999. 157. 49.8 0.0304 0.32 0.44 2.36 999.0 10.0 289.2 2.0 0
0.00 22. 1015. 0 ADJ-SFC NoSubs
19 3 13 72 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 287.0 2.0
0 0.00 26. 1016. 0 ADJ-SFC NoSubs
19 3 13 72 20 -6.7 0.105 -9.000 -9.000 -999. 82. 15.8 0.0250 0.32 1.00 1.76 282.0 10.0 282.5 2.0 0
0.00 47. 1016. 0 ADJ-SFC NoSubs
19 3 13 72 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 60. 1017. 0 ADJ-SFC NoSubs
19 3 13 72 22 -13.1 0.150 -9.000 -9.000 -999. 139. 24.6 0.0300 0.32 1.00 2.36 5.0 10.0 281.4 2.0 0
0.00 62. 1017. 0 ADJ-SFC NoSubs
19 3 13 72 23 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 343.0 10.0 279.2 2.0 0
0.00 70. 1017. 0 ADJ-SFC NoSubs
19 3 13 72 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.9 2.0
0 0.00 67. 1017. 0 ADJ-SFC NoSubs
19 3 14 73 1 -19.5 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 350.0 10.0 278.1 2.0 0
0.00 73. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 2 -19.5 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 332.0 10.0 278.1 2.0 0
0.00 73. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 3 -13.9 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 344.0 10.0 277.5 2.0 0
0.00 79. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0360 0.32 1.00 1.76 355.0 10.0 277.5 2.0 0
0.00 79. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 5 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0300 0.32 1.00 1.76 11.0 10.0 277.0 2.0 0
0.00 85. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 276.4 2.0 0
0.00 85. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 7 -7.2 0.109 -9.000 -9.000 -999. 87. 16.5 0.0310 0.32 0.70 1.76 326.0 10.0 276.4 2.0 0
0.00 89. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 8 6.4 0.173 0.186 0.005 36. 173. -73.0 0.0300 0.32 0.33 2.36 111.0 10.0 279.9 2.0 0

0.00 72. 1019. 0 ADJ-SFC NoSubs
19 3 14 73 9 39.2 -9.000 -9.000 -9.000 104. -999. -99999.0 0.0304 0.32 0.21 0.00 0.0 10.0 283.1 2.0 0
0.00 60. 1020. 0 ADJ-SFC NoSubs
19 3 14 73 10 66.7 0.153 0.680 0.005 171. 144. -4.9 0.0230 0.32 0.18 1.76 182.0 10.0 284.9 2.0 0
0.00 54. 1020. 0 ADJ-SFC NoSubs
19 3 14 73 11 86.8 -9.000 -9.000 -9.000 395. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 287.5 2.0 0
0.00 41. 1019. 0 ADJ-SFC NoSubs
19 3 14 73 12 98.4 -9.000 -9.000 -9.000 623. -999. -99999.0 0.0304 0.32 0.16 0.00 0.0 10.0 289.2 2.0 0
0.00 37. 1019. 0 ADJ-SFC NoSubs
19 3 14 73 13 100.8 0.267 1.276 0.005 748. 332. -17.2 0.0280 0.32 0.16 3.36 243.0 10.0 289.2 2.0 0
0.00 42. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 14 94.7 0.209 1.302 0.005 846. 230. -8.7 0.0340 0.32 0.17 2.36 222.0 10.0 290.4 2.0 0
0.00 37. 1017. 0 ADJ-SFC NoSubs
19 3 14 73 15 79.8 0.263 1.250 0.005 888. 324. -20.7 0.0280 0.32 0.17 3.36 252.0 10.0 290.4 2.0 0
0.00 40. 1017. 0 ADJ-SFC NoSubs
19 3 14 73 16 56.7 0.226 1.128 0.005 917. 258. -18.4 0.0280 0.32 0.19 2.86 260.0 10.0 290.9 2.0 0
0.00 39. 1017. 0 ADJ-SFC NoSubs
19 3 14 73 17 26.6 0.181 0.880 0.005 930. 185. -20.2 0.0250 0.32 0.25 2.36 286.0 10.0 290.4 2.0 0
0.00 34. 1017. 0 ADJ-SFC NoSubs
19 3 14 73 18 -4.6 0.111 -9.000 -9.000 -999. 90. 27.3 0.0280 0.32 0.44 1.76 251.0 10.0 288.1 2.0 0
0.00 37. 1017. 0 ADJ-SFC NoSubs
19 3 14 73 19 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.32 1.00 1.76 341.0 10.0 286.4 2.0 0
0.00 48. 1017. 0 ADJ-SFC NoSubs
19 3 14 73 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 60. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 21 -13.7 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 338.0 10.0 282.5 2.0 0
0.00 65. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 22 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 330.0 10.0 281.4 2.0 0
0.00 68. 1018. 0 ADJ-SFC NoSubs
19 3 14 73 23 -19.3 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 337.0 10.0 280.4 2.0 0
0.00 70. 1019. 0 ADJ-SFC NoSubs
19 3 14 73 24 -7.5 0.113 -9.000 -9.000 -999. 92. 17.3 0.0360 0.32 1.00 1.76 330.0 10.0 279.9 2.0 0
0.00 70. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 1 -13.1 0.150 -9.000 -9.000 -999. 139. 24.6 0.0300 0.32 1.00 2.36 2.0 10.0 279.9 2.0 0
0.00 70. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 73. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 3 -7.2 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.32 1.00 1.76 308.0 10.0 279.2 2.0 0
0.00 70. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 4 -7.2 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.32 1.00 1.76 318.0 10.0 278.8 2.0 0
0.00 75. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 5 -7.2 0.109 -9.000 -9.000 -999. 87. 16.5 0.0310 0.32 1.00 1.76 324.0 10.0 277.0 2.0 0
0.00 81. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 6 -7.2 0.109 -9.000 -9.000 -999. 87. 16.5 0.0310 0.32 1.00 1.76 316.0 10.0 277.5 2.0 0
0.00 82. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.69 0.00 0.0 10.0 279.2 2.0 0
0.00 75. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 8 7.4 -9.000 -9.000 -9.000 73. -999. -99999.0 0.0304 0.32 0.32 0.00 0.0 10.0 280.9 2.0 0
0.00 73. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 9 40.3 0.156 0.672 0.013 273. 148. -8.6 0.0340 0.32 0.21 1.76 143.0 10.0 284.2 2.0 0
0.00 65. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 10 68.0 0.163 0.833 0.012 308. 158. -5.8 0.0340 0.32 0.18 1.76 134.0 10.0 287.5 2.0 0
0.00 50. 1018. 0 ADJ-SFC NoSubs
19 3 15 74 11 88.3 0.204 0.939 0.010 340. 221. -8.7 0.0304 0.32 0.17 2.36 999.0 10.0 290.9 2.0 0

0.00 44. 1017. 0 ADJ-SFC NoSubs
19 3 15 74 12 99.8 -9.000 -9.000 -9.000 372. -999. -99999.0 0.0304 0.32 0.16 0.00 0.0 10.0 292.5 2.0 0
0.00 36. 1017. 0 ADJ-SFC NoSubs
19 3 15 74 13 102.4 0.260 1.075 0.006 439. 317. -15.5 0.0230 0.32 0.16 3.36 206.0 10.0 293.1 2.0 0
0.00 36. 1016. 0 ADJ-SFC NoSubs
19 3 15 74 14 96.0 0.298 1.115 0.005 523. 390. -24.9 0.0280 0.32 0.17 3.86 252.0 10.0 293.1 2.0 0
0.00 41. 1015. 0 ADJ-SFC NoSubs
19 3 15 74 15 80.9 0.326 1.137 0.005 657. 447. -38.9 0.0280 0.32 0.17 4.36 266.0 10.0 292.5 2.0 0
0.00 39. 1015. 0 ADJ-SFC NoSubs
19 3 15 74 16 57.5 0.226 1.035 0.005 698. 263. -18.2 0.0280 0.32 0.19 2.86 260.0 10.0 291.4 2.0 0
0.00 36. 1014. 0 ADJ-SFC NoSubs
19 3 15 74 17 27.2 -9.000 -9.000 -9.000 715. -999. -99999.0 0.0304 0.32 0.25 0.00 0.0 10.0 290.4 2.0 0
0.00 45. 1014. 0 ADJ-SFC NoSubs
19 3 15 74 18 -5.6 0.147 -9.000 -9.000 -999. 135. 50.9 0.0230 0.32 0.43 2.36 201.0 10.0 288.1 2.0 0
0.00 61. 1014. 0 ADJ-SFC NoSubs
19 3 15 74 19 -7.5 0.113 -9.000 -9.000 -999. 92. 17.6 0.0370 0.32 1.00 1.76 174.0 10.0 284.9 2.0 0
0.00 92. 1015. 0 ADJ-SFC NoSubs
19 3 15 74 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 89. 1015. 0 ADJ-SFC NoSubs
19 3 15 74 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 92. 1015. 0 ADJ-SFC NoSubs
19 3 15 74 22 -13.1 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 316.0 10.0 282.0 2.0 0
0.00 82. 1015. 0 ADJ-SFC NoSubs
19 3 15 74 23 -19.2 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 344.0 10.0 281.4 2.0 0
0.00 82. 1015. 0 ADJ-SFC NoSubs
19 3 15 74 24 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 328.0 10.0 280.9 2.0 0
0.00 82. 1015. 0 ADJ-SFC NoSubs
19 3 16 75 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 280.4 2.0 0
0.00 82. 1015. 0 ADJ-SFC NoSubs
19 3 16 75 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 280.9 2.0 0
0.00 82. 1015. 0 ADJ-SFC NoSubs
19 3 16 75 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.9 2.0 0
0.00 85. 1015. 0 ADJ-SFC NoSubs
19 3 16 75 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 341.0 10.0 279.2 2.0 0
0.00 88. 1015. 0 ADJ-SFC NoSubs
19 3 16 75 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 278.1 2.0 0
0.00 88. 1015. 0 ADJ-SFC NoSubs
19 3 16 75 6 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0360 0.32 1.00 1.76 341.0 10.0 278.1 2.0 0
0.00 88. 1016. 0 ADJ-SFC NoSubs
19 3 16 75 7 -13.7 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.32 0.67 2.36 357.0 10.0 278.8 2.0 0
0.00 88. 1016. 0 ADJ-SFC NoSubs
19 3 16 75 8 8.3 -9.000 -9.000 -9.000 45. -999. -99999.0 0.0304 0.32 0.32 0.00 0.0 10.0 281.4 2.0 0
0.00 82. 1016. 0 ADJ-SFC NoSubs
19 3 16 75 9 41.4 0.294 0.627 0.010 215. 382. -55.4 0.0340 0.32 0.21 3.86 121.0 10.0 285.9 2.0 0
0.00 68. 1016. 0 ADJ-SFC NoSubs
19 3 16 75 10 69.2 0.232 0.801 0.012 269. 269. -16.3 0.0300 0.32 0.18 2.86 102.0 10.0 289.2 2.0 0
0.00 55. 1016. 0 ADJ-SFC NoSubs
19 3 16 75 11 89.3 0.204 0.931 0.011 327. 222. -8.6 0.0304 0.32 0.17 2.36 999.0 10.0 292.0 2.0 0
0.00 44. 1015. 0 ADJ-SFC NoSubs
19 3 16 75 12 100.7 0.172 1.058 0.009 426. 172. -4.6 0.0370 0.32 0.16 1.76 160.0 10.0 293.1 2.0 0
0.00 41. 1015. 0 ADJ-SFC NoSubs
19 3 16 75 13 103.2 0.229 1.106 0.007 474. 263. -10.5 0.0230 0.32 0.16 2.86 206.0 10.0 293.8 2.0 0
0.00 46. 1014. 0 ADJ-SFC NoSubs
19 3 16 75 14 96.8 0.298 1.113 0.006 515. 390. -24.7 0.0280 0.32 0.17 3.86 247.0 10.0 293.8 2.0 0

0.00 46. 1013. 0 ADJ-SFC NoSubs
19 3 16 75 15 81.7 0.321 1.079 0.005 556. 436. -36.5 0.0250 0.32 0.17 4.36 284.0 10.0 293.1 2.0 0
0.00 38. 1013. 0 ADJ-SFC NoSubs
19 3 16 75 16 58.5 0.284 0.998 0.005 615. 365. -35.6 0.0250 0.32 0.19 3.86 286.0 10.0 293.1 2.0 0
0.00 34. 1013. 0 ADJ-SFC NoSubs
19 3 16 75 17 28.0 0.280 0.792 0.005 640. 355. -70.7 0.0280 0.32 0.24 3.86 268.0 10.0 291.4 2.0 0
0.00 31. 1013. 0 ADJ-SFC NoSubs
19 3 16 75 18 -3.7 0.110 -9.000 -9.000 -999. 116. 32.4 0.0250 0.32 0.43 1.76 281.0 10.0 289.9 2.0 0
0.00 49. 1013. 0 ADJ-SFC NoSubs
19 3 16 75 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 71. 1013. 0 ADJ-SFC NoSubs
19 3 16 75 20 -7.4 0.113 -9.000 -9.000 -999. 91. 17.6 0.0370 0.32 1.00 1.76 176.0 10.0 284.9 2.0 0
0.00 96. 1013. 0 ADJ-SFC NoSubs
19 3 16 75 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 96. 1014. 0 ADJ-SFC NoSubs
19 3 16 75 22 -7.1 0.110 -9.000 -9.000 -999. 87. 16.7 0.0310 0.32 1.00 1.76 321.0 10.0 283.1 2.0 0
0.00 92. 1014. 0 ADJ-SFC NoSubs
19 3 16 75 23 -13.7 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 336.0 10.0 282.5 2.0 0
0.00 83. 1014. 0 ADJ-SFC NoSubs
19 3 16 75 24 -13.1 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 326.0 10.0 281.4 2.0 0
0.00 85. 1014. 0 ADJ-SFC NoSubs
19 3 17 76 1 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0310 0.32 1.00 1.76 317.0 10.0 281.4 2.0 0
0.00 85. 1014. 0 ADJ-SFC NoSubs
19 3 17 76 2 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 340.0 10.0 280.9 2.0 0
0.00 85. 1014. 0 ADJ-SFC NoSubs
19 3 17 76 3 -7.1 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.32 1.00 1.76 327.0 10.0 280.9 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
19 3 17 76 4 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 334.0 10.0 280.4 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
19 3 17 76 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.9 2.0 0
0.00 88. 1013. 0 ADJ-SFC NoSubs
19 3 17 76 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 88. 1013. 0 ADJ-SFC NoSubs
19 3 17 76 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.66 0.00 0.0 10.0 279.9 2.0 0
0.00 88. 1014. 0 ADJ-SFC NoSubs
19 3 17 76 8 9.4 -9.000 -9.000 -9.000 62. -999. -99999.0 0.0304 0.32 0.31 0.00 0.0 10.0 283.1 2.0 0
0.00 79. 1014. 0 ADJ-SFC NoSubs
19 3 17 76 9 42.6 0.192 0.589 0.017 173. 203. -15.1 0.0300 0.32 0.21 2.36 99.0 10.0 287.5 2.0 0
0.00 64. 1014. 0 ADJ-SFC NoSubs
19 3 17 76 10 70.5 -9.000 -9.000 -9.000 262. -999. -99999.0 0.0304 0.32 0.18 0.00 0.0 10.0 291.4 2.0 0
0.00 47. 1014. 0 ADJ-SFC NoSubs
19 3 17 76 11 90.6 0.165 0.931 0.015 321. 161. -4.5 0.0304 0.32 0.17 1.76 999.0 10.0 294.2 2.0 0
0.00 41. 1013. 0 ADJ-SFC NoSubs
19 3 17 76 12 102.2 -9.000 -9.000 -9.000 370. -999. -99999.0 0.0304 0.32 0.16 0.00 0.0 10.0 295.9 2.0 0
0.00 34. 1012. 0 ADJ-SFC NoSubs
19 3 17 76 13 104.8 0.247 1.072 0.010 424. 295. -13.0 0.0370 0.32 0.16 2.86 178.0 10.0 297.0 2.0 0
0.00 31. 1012. 0 ADJ-SFC NoSubs
19 3 17 76 14 98.4 0.210 1.086 0.009 469. 231. -8.4 0.0340 0.32 0.17 2.36 215.0 10.0 297.0 2.0 0
0.00 39. 1011. 0 ADJ-SFC NoSubs
19 3 17 76 15 83.3 0.207 1.048 0.007 498. 226. -9.6 0.0340 0.32 0.17 2.36 221.0 10.0 297.0 2.0 0
0.00 36. 1010. 0 ADJ-SFC NoSubs
19 3 17 76 16 59.2 0.223 0.947 0.006 517. 252. -16.8 0.0250 0.32 0.19 2.86 272.0 10.0 293.8 2.0 0
0.00 40. 1010. 0 ADJ-SFC NoSubs
19 3 17 76 17 29.2 0.182 0.755 0.006 531. 187. -18.6 0.0250 0.32 0.24 2.36 291.0 10.0 294.2 2.0 0

0.00 35. 1010. 0 ADJ-SFC NoSubs
19 3 17 76 18 -3.0 0.113 -9.000 -9.000 -999. 92. 43.3 0.0280 0.32 0.42 1.76 248.0 10.0 293.1 2.0 0
0.00 41. 1010. 0 ADJ-SFC NoSubs
19 3 17 76 19 -18.4 0.188 -9.000 -9.000 -999. 196. 38.9 0.0340 0.32 1.00 2.86 138.0 10.0 289.2 2.0 0
0.00 66. 1010. 0 ADJ-SFC NoSubs
19 3 17 76 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 82. 1011. 0 ADJ-SFC NoSubs
19 3 17 76 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 83. 1011. 0 ADJ-SFC NoSubs
19 3 17 76 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 86. 1011. 0 ADJ-SFC NoSubs
19 3 17 76 23 -13.0 0.151 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 318.0 10.0 284.2 2.0 0
0.00 82. 1011. 0 ADJ-SFC NoSubs
19 3 17 76 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 82. 1010. 0 ADJ-SFC NoSubs
19 3 18 77 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-SFC NoSubs
19 3 18 77 2 -18.9 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 332.0 10.0 283.8 2.0 0
0.00 73. 1010. 0 ADJ-SFC NoSubs
19 3 18 77 3 -19.0 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 335.0 10.0 283.1 2.0 0
0.00 76. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 4 -18.4 0.184 -9.000 -9.000 -999. 189. 37.1 0.0300 0.32 1.00 2.86 1.0 10.0 282.5 2.0 0
0.00 83. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 5 -13.6 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 348.0 10.0 281.4 2.0 0
0.00 85. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 6 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 354.0 10.0 282.0 2.0 0
0.00 82. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 7 -7.3 0.113 -9.000 -9.000 -999. 91. 17.8 0.0360 0.32 0.64 1.76 333.0 10.0 282.5 2.0 0
0.00 83. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 8 10.8 -9.000 -9.000 -9.000 49. -999. -99999.0 0.0304 0.32 0.31 0.00 0.0 10.0 287.0 2.0 0
0.00 71. 1010. 0 ADJ-SFC NoSubs
19 3 18 77 9 43.8 -9.000 -9.000 -9.000 135. -999. -99999.0 0.0304 0.32 0.21 0.00 0.0 10.0 289.2 2.0 0
0.00 64. 1010. 0 ADJ-SFC NoSubs
19 3 18 77 10 71.5 -9.000 -9.000 -9.000 224. -999. -99999.0 0.0304 0.32 0.18 0.00 0.0 10.0 292.0 2.0 0
0.00 55. 1010. 0 ADJ-SFC NoSubs
19 3 18 77 11 91.4 0.274 0.916 0.009 303. 344. -20.2 0.0340 0.32 0.17 3.36 223.0 10.0 294.2 2.0 0
0.00 52. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 12 102.5 0.308 1.073 0.009 434. 411. -25.8 0.0340 0.32 0.16 3.86 230.0 10.0 294.2 2.0 0
0.00 50. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 13 104.1 0.331 1.175 0.009 561. 457. -31.3 0.0280 0.32 0.16 4.36 253.0 10.0 291.4 2.0 0
0.00 57. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 14 97.1 0.463 1.198 0.005 638. 756. -92.0 0.0280 0.32 0.17 6.46 261.0 10.0 288.8 2.0 0
0.00 79. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 15 81.8 0.337 1.159 0.006 686. 481. -42.1 0.0340 0.32 0.17 4.36 235.0 10.0 287.5 2.0 0
0.00 86. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 16 58.7 0.227 1.048 0.006 705. 266. -17.9 0.0280 0.32 0.19 2.86 264.0 10.0 288.1 2.0 0
0.00 77. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 17 28.5 0.241 0.827 0.005 714. 284. -44.1 0.0230 0.32 0.24 3.36 200.0 10.0 288.1 2.0 0
0.00 77. 1008. 0 ADJ-SFC NoSubs
19 3 18 77 18 -5.6 0.180 -9.000 -9.000 -999. 184. 93.3 0.0230 0.32 0.42 2.86 207.0 10.0 285.9 2.0 0
0.00 86. 1008. 0 ADJ-SFC NoSubs
19 3 18 77 19 -6.9 0.108 -9.000 -9.000 -999. 86. 16.3 0.0280 0.32 1.00 1.76 253.0 10.0 283.8 2.0 0
0.00 96. 1009. 0 ADJ-SFC NoSubs
19 3 18 77 20 -18.1 0.182 -9.000 -9.000 -999. 186. 36.2 0.0280 0.32 1.00 2.86 247.0 10.0 283.8 2.0 0

0.00 96. 1010. 7 ADJ-SFC NoSubs
19 3 18 77 21 -12.0 0.143 -9.000 -9.000 -999. 130. 22.4 0.0230 0.32 1.00 2.36 209.0 10.0 282.5 2.0 0
0.00 96. 1010. 0 ADJ-SFC NoSubs
19 3 18 77 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 96. 1010. 10 ADJ-SFC NoSubs
19 3 18 77 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 96. 1010. 10 ADJ-SFC NoSubs
19 3 18 77 24 -6.8 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.32 1.00 1.76 78.0 10.0 283.8 2.0 0
0.00 96. 1008. 10 ADJ-SFC NoSubs
19 3 19 78 1 -6.8 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.32 1.00 1.76 85.0 10.0 283.8 2.0 0
0.00 96. 1008. 10 ADJ-SFC NoSubs
19 3 19 78 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 96. 1008. 3 ADJ-SFC NoSubs
19 3 19 78 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 92. 1008. 0 ADJ-SFC NoSubs
19 3 19 78 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.0 2.0 0
0.00 89. 1007. 0 ADJ-SFC NoSubs
19 3 19 78 5 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 360.0 10.0 281.4 2.0 0
0.00 89. 1007. 0 ADJ-SFC NoSubs
19 3 19 78 6 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 338.0 10.0 280.9 2.0 0
0.00 88. 1007. 3 ADJ-SFC NoSubs
19 3 19 78 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.63 0.00 0.0 10.0 280.4 2.0 0
0.00 92. 1008. 0 ADJ-SFC NoSubs
19 3 19 78 8 11.3 -9.000 -9.000 -9.000 85. -999. -99999.0 0.0304 0.32 0.30 0.00 0.0 10.0 284.2 2.0 0
0.00 76. 1008. 0 ADJ-SFC NoSubs
19 3 19 78 9 44.1 -9.000 -9.000 -9.000 165. -999. -99999.0 0.0304 0.32 0.21 0.00 0.0 10.0 285.9 2.0 0
0.00 73. 1008. 0 ADJ-SFC NoSubs
19 3 19 78 10 71.4 -9.000 -9.000 -9.000 263. -999. -99999.0 0.0304 0.32 0.18 0.00 0.0 10.0 287.5 2.0 0
0.00 66. 1007. 0 ADJ-SFC NoSubs
19 3 19 78 11 91.2 -9.000 -9.000 -9.000 330. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 289.2 2.0 0
0.00 59. 1007. 0 ADJ-SFC NoSubs
19 3 19 78 12 102.7 0.167 1.004 0.013 354. 164. -4.1 0.0304 0.32 0.16 1.76 999.0 10.0 292.0 2.0 0
0.00 48. 1006. 0 ADJ-SFC NoSubs
19 3 19 78 13 105.2 -9.000 -9.000 -9.000 377. -999. -99999.0 0.0304 0.32 0.16 0.00 0.0 10.0 293.1 2.0 0
0.00 44. 1005. 0 ADJ-SFC NoSubs
19 3 19 78 14 98.2 0.324 1.038 0.008 407. 443. -31.1 0.0250 0.32 0.16 4.36 270.0 10.0 290.9 2.0 0
0.00 55. 1005. 0 ADJ-SFC NoSubs
19 3 19 78 15 83.1 0.290 1.057 0.007 510. 376. -26.4 0.0250 0.32 0.17 3.86 278.0 10.0 290.9 2.0 0
0.00 45. 1004. 0 ADJ-SFC NoSubs
19 3 19 78 16 59.5 0.378 0.978 0.007 563. 559. -81.6 0.0250 0.32 0.19 5.36 273.0 10.0 289.2 2.0 0
0.00 53. 1004. 0 ADJ-SFC NoSubs
19 3 19 78 17 29.0 0.338 0.774 0.006 574. 473. -119.6 0.0250 0.32 0.24 4.86 272.0 10.0 287.5 2.0 0
0.00 74. 1005. 0 ADJ-SFC NoSubs
19 3 19 78 18 -8.6 0.318 -9.000 -9.000 -999. 431. 334.5 0.0250 0.32 0.41 4.86 291.0 10.0 287.0 2.0 0
0.00 68. 1006. 0 ADJ-SFC NoSubs
19 3 19 78 19 -18.1 0.184 -9.000 -9.000 -999. 201. 37.4 0.0304 0.32 1.00 2.86 999.0 10.0 287.0 2.0 0
0.00 71. 1006. 5 ADJ-SFC NoSubs
19 3 19 78 20 -37.8 0.383 -9.000 -9.000 -999. 570. 161.7 0.0250 0.32 1.00 5.96 283.0 10.0 285.9 2.0 0
0.00 79. 1006. 3 ADJ-SFC NoSubs
19 3 19 78 21 -18.7 0.190 -9.000 -9.000 -999. 232. 39.8 0.0360 0.32 1.00 2.86 348.0 10.0 285.9 2.0 0
0.00 76. 1006. 5 ADJ-SFC NoSubs
19 3 19 78 22 -7.0 0.109 -9.000 -9.000 -999. 92. 16.7 0.0304 0.32 1.00 1.76 999.0 10.0 285.4 2.0 0
0.00 80. 1007. 10 ADJ-SFC NoSubs
19 3 19 78 23 -6.6 0.105 -9.000 -9.000 -999. 82. 15.8 0.0250 0.32 1.00 1.76 291.0 10.0 284.9 2.0 11

0.50 89. 1007. 10 ADJ-SFC NoSubs
19 3 19 78 24 -7.4 0.113 -9.000 -9.000 -999. 91. 17.6 0.0370 0.32 1.00 1.76 158.0 10.0 284.9 2.0 11
0.30 92. 1007. 10 ADJ-SFC NoSubs
19 3 20 79 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0
11 1.50 96. 1007. 10 ADJ-SFC NoSubs
19 3 20 79 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0
11 1.80 96. 1007. 10 ADJ-SFC NoSubs
19 3 20 79 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0
11 2.30 92. 1007. 10 ADJ-SFC NoSubs
19 3 20 79 4 -13.4 0.153 -9.000 -9.000 -999. 144. 25.8 0.0340 0.32 1.00 2.36 141.0 10.0 283.8 2.0 11
2.30 92. 1008. 10 ADJ-SFC NoSubs
19 3 20 79 5 -25.6 0.258 -9.000 -9.000 -999. 314. 72.9 0.0340 0.32 1.00 3.86 133.0 10.0 283.8 2.0 11
2.00 96. 1008. 10 ADJ-SFC NoSubs
19 3 20 79 6 -22.5 0.226 -9.000 -9.000 -999. 259. 56.3 0.0370 0.32 1.00 3.36 177.0 10.0 283.8 2.0 11
0.80 96. 1009. 10 ADJ-SFC NoSubs
19 3 20 79 7 -12.6 0.150 -9.000 -9.000 -999. 141. 24.7 0.0300 0.32 0.61 2.36 115.0 10.0 283.8 2.0 11
1.00 96. 1010. 10 ADJ-SFC NoSubs
19 3 20 79 8 1.6 -9.000 -9.000 -9.000 119. -999. -99999.0 0.0304 0.32 0.30 0.00 0.0 10.0 284.2 2.0 11
2.50 96. 1010. 10 ADJ-SFC NoSubs
19 3 20 79 9 39.2 -9.000 -9.000 -9.000 402. -999. -99999.0 0.0304 0.32 0.20 0.00 0.0 10.0 285.4 2.0 0
0.00 92. 1011. 7 ADJ-SFC NoSubs
19 3 20 79 10 16.9 0.385 0.607 0.005 476. 573. -304.0 0.0340 0.32 0.18 5.36 224.0 10.0 287.0 2.0 0
0.00 80. 1012. 10 ADJ-SFC NoSubs
19 3 20 79 11 75.4 0.335 1.143 0.005 715. 468. -45.2 0.0340 0.32 0.17 4.36 238.0 10.0 286.4 2.0 0
0.00 80. 1012. 7 ADJ-SFC NoSubs
19 3 20 79 12 24.6 0.375 0.805 0.005 767. 551. -194.1 0.0280 0.32 0.16 5.36 256.0 10.0 287.5 2.0 0
0.00 77. 1012. 10 ADJ-SFC NoSubs
19 3 20 79 13 85.8 0.429 1.290 0.005 904. 674. -83.1 0.0280 0.32 0.16 5.96 257.0 10.0 287.5 2.0 0
0.00 71. 1012. 7 ADJ-SFC NoSubs
19 3 20 79 14 98.3 0.361 1.414 0.005 1039. 525. -43.3 0.0280 0.32 0.16 4.86 244.0 10.0 288.1 2.0 0
0.00 66. 1012. 0 ADJ-SFC NoSubs
19 3 20 79 15 83.2 0.403 1.408 0.005 1213. 613. -70.9 0.0340 0.32 0.17 5.36 229.0 10.0 288.1 2.0 0
0.00 71. 1012. 0 ADJ-SFC NoSubs
19 3 20 79 16 59.7 0.385 1.350 0.008 1488. 574. -86.4 0.0280 0.32 0.19 5.36 246.0 10.0 287.0 2.0 0
0.00 68. 1012. 0 ADJ-SFC NoSubs
19 3 20 79 17 29.4 0.344 1.075 0.008 1526. 486. -125.5 0.0280 0.32 0.24 4.86 268.0 10.0 286.4 2.0 0
0.00 71. 1012. 0 ADJ-SFC NoSubs
19 3 20 79 18 -4.9 0.187 -9.000 -9.000 -999. 212. 120.0 0.0280 0.32 0.41 2.86 259.0 10.0 284.9 2.0 0
0.00 76. 1012. 0 ADJ-SFC NoSubs
19 3 20 79 19 -6.9 0.108 -9.000 -9.000 -999. 88. 16.3 0.0280 0.32 1.00 1.76 246.0 10.0 283.8 2.0 0
0.00 82. 1012. 0 ADJ-SFC NoSubs
19 3 20 79 20 -7.1 0.109 -9.000 -9.000 -999. 87. 16.6 0.0304 0.32 1.00 1.76 999.0 10.0 283.1 2.0 0
0.00 86. 1012. 0 ADJ-SFC NoSubs
19 3 20 79 21 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 341.0 10.0 282.0 2.0 0
0.00 89. 1013. 0 ADJ-SFC NoSubs
19 3 20 79 22 -18.6 0.185 -9.000 -9.000 -999. 191. 37.6 0.0310 0.32 1.00 2.86 328.0 10.0 281.4 2.0 0
0.00 89. 1013. 0 ADJ-SFC NoSubs
19 3 20 79 23 -7.4 0.113 -9.000 -9.000 -999. 92. 17.3 0.0360 0.32 1.00 1.76 346.0 10.0 280.9 2.0 0
0.00 88. 1013. 0 ADJ-SFC NoSubs
19 3 20 79 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 280.4 2.0
0 0.00 89. 1013. 0 ADJ-SFC NoSubs
19 3 21 80 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 280.4 2.0 0
0.00 92. 1013. 0 ADJ-SFC NoSubs
19 3 21 80 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0

0.00 96. 1013. 0 ADJ-SFC NoSubs
19 3 21 80 3 -13.7 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 357.0 10.0 280.4 2.0 0
0.00 92. 1013. 0 ADJ-SFC NoSubs
19 3 21 80 4 -19.3 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 339.0 10.0 279.2 2.0 0
0.00 96. 1013. 0 ADJ-SFC NoSubs
19 3 21 80 5 -7.2 0.109 -9.000 -9.000 -999. 89. 16.6 0.0310 0.32 1.00 1.76 327.0 10.0 278.8 2.0 0
0.00 95. 1013. 0 ADJ-SFC NoSubs
19 3 21 80 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 278.8 2.0 0
0.00 91. 1013. 0 ADJ-SFC NoSubs
19 3 21 80 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.60 0.00 0.0 10.0 279.2 2.0 0
0.00 92. 1014. 0 ADJ-SFC NoSubs
19 3 21 80 8 12.8 -9.000 -9.000 -9.000 57. -999. -99999.0 0.0304 0.32 0.29 0.00 0.0 10.0 282.0 2.0 0
0.00 85. 1014. 0 ADJ-SFC NoSubs
19 3 21 80 9 45.6 -9.000 -9.000 -9.000 521. -999. -99999.0 0.0304 0.32 0.20 0.00 0.0 10.0 284.2 2.0 0
0.00 74. 1015. 0 ADJ-SFC NoSubs
19 3 21 80 10 72.9 -9.000 -9.000 -9.000 627. -999. -99999.0 0.0304 0.32 0.18 0.00 0.0 10.0 286.4 2.0 0
0.00 69. 1014. 0 ADJ-SFC NoSubs
19 3 21 80 11 92.4 0.227 1.211 0.005 696. 260. -11.5 0.0230 0.32 0.17 2.86 196.0 10.0 287.5 2.0 0
0.00 66. 1014. 0 ADJ-SFC NoSubs
19 3 21 80 12 103.4 0.309 1.303 0.005 774. 411. -25.7 0.0340 0.32 0.16 3.86 216.0 10.0 288.1 2.0 0
0.00 59. 1014. 0 ADJ-SFC NoSubs
19 3 21 80 13 105.7 0.300 1.395 0.005 931. 394. -23.0 0.0280 0.32 0.16 3.86 244.0 10.0 288.8 2.0 0
0.00 55. 1014. 0 ADJ-SFC NoSubs
19 3 21 80 14 99.1 0.393 1.424 0.005 1056. 592. -55.5 0.0280 0.32 0.16 5.36 249.0 10.0 288.8 2.0 0
0.00 66. 1014. 0 ADJ-SFC NoSubs
19 3 21 80 15 83.9 0.461 1.387 0.005 1151. 750. -105.4 0.0280 0.32 0.17 6.46 246.0 10.0 288.8 2.0 0
0.00 61. 1014. 0 ADJ-SFC NoSubs
19 3 21 80 16 60.7 0.354 1.267 0.005 1212. 513. -65.8 0.0280 0.32 0.19 4.86 256.0 10.0 287.5 2.0 0
0.00 71. 1014. 5 ADJ-SFC NoSubs
19 3 21 80 17 30.0 0.217 1.010 0.005 1241. 256. -30.9 0.0280 0.32 0.24 2.86 268.0 10.0 287.0 2.0 0
0.00 74. 1014. 0 ADJ-SFC NoSubs
19 3 21 80 18 -6.5 0.148 -9.000 -9.000 -999. 139. 45.9 0.0250 0.32 0.40 2.36 282.0 10.0 286.4 2.0 0
0.00 77. 1015. 10 ADJ-SFC NoSubs
19 3 21 80 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 85. 1015. 3 ADJ-SFC NoSubs
19 3 21 80 20 -7.0 0.109 -9.000 -9.000 -999. 86. 16.6 0.0300 0.32 1.00 1.76 59.0 10.0 284.9 2.0 0
0.00 85. 1015. 0 ADJ-SFC NoSubs
19 3 21 80 21 -6.8 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.32 1.00 1.76 65.0 10.0 283.8 2.0 0
0.00 89. 1016. 0 ADJ-SFC NoSubs
19 3 21 80 22 -7.1 0.109 -9.000 -9.000 -999. 86. 16.6 0.0300 0.32 1.00 1.76 2.0 10.0 283.1 2.0 0
0.00 92. 1016. 3 ADJ-SFC NoSubs
19 3 21 80 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.5 2.0
0 0.00 92. 1016. 0 ADJ-SFC NoSubs
19 3 21 80 24 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 332.0 10.0 281.4 2.0 0
0.00 96. 1016. 0 ADJ-SFC NoSubs
19 3 22 81 1 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 342.0 10.0 281.4 2.0 0
0.00 92. 1016. 7 ADJ-SFC NoSubs
19 3 22 81 2 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 335.0 10.0 281.4 2.0 0
0.00 96. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 3 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 343.0 10.0 280.9 2.0 0
0.00 92. 1016. 7 ADJ-SFC NoSubs
19 3 22 81 4 -7.1 0.109 -9.000 -9.000 -999. 86. 16.5 0.0300 0.32 1.00 1.76 5.0 10.0 280.9 2.0 0
0.00 88. 1016. 3 ADJ-SFC NoSubs
19 3 22 81 5 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 329.0 10.0 281.4 2.0 0

0.00 89. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.0 2.0 0
0.00 92. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.59 0.00 0.0 10.0 282.5 2.0 0
0.00 92. 1017. 10 ADJ-SFC NoSubs
19 3 22 81 8 1.9 -9.000 -9.000 -9.000 68. -999. -99999.0 0.0304 0.32 0.29 0.00 0.0 10.0 283.1 2.0 11
0.30 89. 1017. 10 ADJ-SFC NoSubs
19 3 22 81 9 10.1 -9.000 -9.000 -9.000 193. -999. -99999.0 0.0304 0.32 0.20 0.00 0.0 10.0 283.8 2.0 0
0.00 89. 1017. 10 ADJ-SFC NoSubs
19 3 22 81 10 17.0 -9.000 -9.000 -9.000 333. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 285.4 2.0 0
0.00 80. 1018. 10 ADJ-SFC NoSubs
19 3 22 81 11 22.1 0.181 0.623 0.006 395. 185. -24.3 0.0270 0.32 0.17 2.36 81.0 10.0 287.0 2.0 0
0.00 68. 1017. 10 ADJ-SFC NoSubs
19 3 22 81 12 24.9 -9.000 -9.000 -9.000 448. -999. -99999.0 0.0304 0.32 0.16 0.00 0.0 10.0 287.5 2.0 0
0.00 64. 1017. 10 ADJ-SFC NoSubs
19 3 22 81 13 25.4 0.141 0.704 0.007 496. 128. -10.1 0.0230 0.32 0.16 1.76 193.0 10.0 287.5 2.0 0
0.00 69. 1017. 10 ADJ-SFC NoSubs
19 3 22 81 14 23.7 0.246 0.706 0.007 537. 293. -57.0 0.0280 0.32 0.16 3.36 256.0 10.0 287.0 2.0 0
0.00 77. 1017. 10 ADJ-SFC NoSubs
19 3 22 81 15 19.8 0.244 0.677 0.007 568. 290. -66.7 0.0280 0.32 0.17 3.36 252.0 10.0 286.4 2.0 0
0.00 77. 1017. 10 ADJ-SFC NoSubs
19 3 22 81 16 13.9 0.209 0.609 0.007 588. 230. -59.6 0.0280 0.32 0.18 2.86 260.0 10.0 285.9 2.0 0
0.00 82. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 17 6.3 -9.000 -9.000 -9.000 597. -999. -99999.0 0.0304 0.32 0.23 0.00 0.0 10.0 285.9 2.0 0
0.00 86. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.40 0.00 0.0 10.0 285.4 2.0
11 0.30 92. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 92. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 20 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.32 1.00 1.76 357.0 10.0 285.9 2.0 0
0.00 89. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 89. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 22 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.32 1.00 1.76 360.0 10.0 285.9 2.0 0
0.00 89. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0
11 0.30 96. 1016. 10 ADJ-SFC NoSubs
19 3 22 81 24 -13.4 0.153 -9.000 -9.000 -999. 144. 25.8 0.0340 0.32 1.00 2.36 233.0 10.0 285.4 2.0 11
0.50 92. 1016. 10 ADJ-SFC NoSubs
19 3 23 82 1 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.32 1.00 1.76 341.0 10.0 284.9 2.0 11
1.80 89. 1015. 10 ADJ-SFC NoSubs
19 3 23 82 2 -13.0 0.150 -9.000 -9.000 -999. 139. 24.6 0.0300 0.32 1.00 2.36 5.0 10.0 284.2 2.0 11
0.80 96. 1015. 10 ADJ-SFC NoSubs
19 3 23 82 3 -13.7 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.32 1.00 2.36 336.0 10.0 284.2 2.0 11
2.50 96. 1015. 10 ADJ-SFC NoSubs
19 3 23 82 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0
11 3.30 96. 1015. 10 ADJ-SFC NoSubs
19 3 23 82 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0
11 0.30 96. 1015. 10 ADJ-SFC NoSubs
19 3 23 82 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.8 2.0 0
0.00 100. 1015. 10 ADJ-SFC NoSubs
19 3 23 82 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.57 0.00 0.0 10.0 283.8 2.0
11 0.30 96. 1016. 10 ADJ-SFC NoSubs
19 3 23 82 8 2.2 -9.000 -9.000 -9.000 134. -999. -99999.0 0.0304 0.32 0.29 0.00 0.0 10.0 284.2 2.0 0

0.00 96. 1016. 10 ADJ-SFC NoSubs
19 3 23 82 9 41.4 0.153 0.734 0.005 345. 144. -7.9 0.0300 0.32 0.20 1.76 94.0 10.0 286.4 2.0 0
0.00 86. 1017. 7 ADJ-SFC NoSubs
19 3 23 82 10 74.0 0.155 0.942 0.005 409. 146. -4.5 0.0230 0.32 0.17 1.76 183.0 10.0 287.0 2.0 0
0.00 83. 1017. 5 ADJ-SFC NoSubs
19 3 23 82 11 96.2 0.298 1.269 0.005 771. 390. -24.9 0.0280 0.32 0.17 3.86 255.0 10.0 288.1 2.0 0
0.00 77. 1017. 3 ADJ-SFC NoSubs
19 3 23 82 12 104.9 0.290 1.447 0.005 1049. 376. -21.2 0.0230 0.32 0.16 3.86 180.0 10.0 288.8 2.0 0
0.00 71. 1017. 0 ADJ-SFC NoSubs
19 3 23 82 13 104.1 0.394 1.532 0.005 1254. 594. -53.3 0.0280 0.32 0.16 5.36 248.0 10.0 289.2 2.0 0
0.00 66. 1017. 5 ADJ-SFC NoSubs
19 3 23 82 14 100.4 0.341 1.579 0.005 1423. 479. -35.6 0.0340 0.32 0.16 4.36 238.0 10.0 289.2 2.0 0
0.00 64. 1016. 0 ADJ-SFC NoSubs
19 3 23 82 15 85.3 0.370 1.545 0.005 1569. 541. -54.0 0.0340 0.32 0.17 4.86 232.0 10.0 289.9 2.0 0
0.00 64. 1016. 0 ADJ-SFC NoSubs
19 3 23 82 16 52.4 -9.000 -9.000 -9.000 1656. -999. -99999.0 0.0304 0.32 0.18 999.00 999.0 -9.0 288.8 2.0
0 0.00 56. 1016. 7 NAD NoSubs
19 3 23 82 17 7.1 0.206 0.691 0.006 1672. 225. -111.8 0.0304 0.32 0.23 2.86 999.0 10.0 289.9 2.0 0
0.00 59. 1016. 10 ADJ-SFC NoSubs
19 3 23 82 18 -6.3 0.185 -9.000 -9.000 -999. 191. 90.1 0.0270 0.32 0.40 2.86 85.0 10.0 288.1 2.0 0
0.00 71. 1016. 10 ADJ-SFC NoSubs
19 3 23 82 19 -12.6 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.32 1.00 2.36 86.0 10.0 286.4 2.0 0
0.00 74. 1017. 10 ADJ-SFC NoSubs
19 3 23 82 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 82. 1017. 0 ADJ-SFC NoSubs
19 3 23 82 21 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 353.0 10.0 283.1 2.0 0
0.00 86. 1018. 0 ADJ-SFC NoSubs
19 3 23 82 22 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 348.0 10.0 281.4 2.0 0
0.00 89. 1018. 0 ADJ-SFC NoSubs
19 3 23 82 23 -19.3 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 333.0 10.0 280.9 2.0 0
0.00 88. 1018. 0 ADJ-SFC NoSubs
19 3 23 82 24 -7.2 0.109 -9.000 -9.000 -999. 89. 16.6 0.0310 0.32 1.00 1.76 325.0 10.0 279.9 2.0 0
0.00 88. 1018. 0 ADJ-SFC NoSubs
19 3 24 83 1 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 327.0 10.0 279.9 2.0 0
0.00 88. 1018. 0 ADJ-SFC NoSubs
19 3 24 83 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 92. 1017. 0 ADJ-SFC NoSubs
19 3 24 83 3 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0360 0.32 1.00 1.76 336.0 10.0 278.8 2.0 0
0.00 91. 1017. 0 ADJ-SFC NoSubs
19 3 24 83 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0360 0.32 1.00 1.76 335.0 10.0 278.1 2.0 0
0.00 95. 1016. 0 ADJ-SFC NoSubs
19 3 24 83 5 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 332.0 10.0 277.5 2.0 0
0.00 92. 1016. 0 ADJ-SFC NoSubs
19 3 24 83 6 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0360 0.32 1.00 1.76 338.0 10.0 277.5 2.0 0
0.00 92. 1017. 0 ADJ-SFC NoSubs
19 3 24 83 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.56 0.00 0.0 10.0 278.1 2.0 0
0.00 88. 1017. 0 ADJ-SFC NoSubs
19 3 24 83 8 15.4 -9.000 -9.000 -9.000 88. -999. -99999.0 0.0304 0.32 0.28 0.00 0.0 10.0 281.4 2.0 0
0.00 82. 1018. 0 ADJ-SFC NoSubs
19 3 24 83 9 48.3 0.158 0.729 0.008 290. 151. -7.5 0.0340 0.32 0.20 1.76 144.0 10.0 284.2 2.0 0
0.00 74. 1018. 0 ADJ-SFC NoSubs
19 3 24 83 10 75.5 0.201 0.948 0.008 409. 216. -9.8 0.0300 0.32 0.17 2.36 116.0 10.0 287.0 2.0 0
0.00 61. 1018. 0 ADJ-SFC NoSubs
19 3 24 83 11 95.1 -9.000 -9.000 -9.000 469. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 289.9 2.0 0

0.00 53. 1018. 0 ADJ-SFC NoSubs
19 3 24 83 12 105.9 -9.000 -9.000 -9.000 526. -999. -99999.0 0.0304 0.32 0.16 0.00 0.0 10.0 289.9 2.0 0
0.00 43. 1017. 0 ADJ-SFC NoSubs
19 3 24 83 13 107.9 0.295 1.215 0.005 603. 384. -21.5 0.0250 0.32 0.16 3.86 283.0 10.0 289.9 2.0 0
0.00 49. 1017. 0 ADJ-SFC NoSubs
19 3 24 83 14 101.1 0.299 1.316 0.006 819. 392. -23.9 0.0280 0.32 0.16 3.86 257.0 10.0 289.2 2.0 0
0.00 53. 1016. 0 ADJ-SFC NoSubs
19 3 24 83 15 85.7 0.296 1.277 0.006 882. 386. -27.4 0.0280 0.32 0.17 3.86 245.0 10.0 288.8 2.0 0
0.00 52. 1016. 0 ADJ-SFC NoSubs
19 3 24 83 16 62.4 0.267 1.166 0.005 922. 332. -27.7 0.0340 0.32 0.18 3.36 222.0 10.0 289.2 2.0 0
0.00 47. 1016. 0 ADJ-SFC NoSubs
19 3 24 83 17 31.8 0.183 0.937 0.005 939. 191. -17.5 0.0250 0.32 0.23 2.36 276.0 10.0 287.5 2.0 0
0.00 46. 1015. 0 ADJ-SFC NoSubs
19 3 24 83 18 -1.3 0.112 -9.000 -9.000 -999. 92. 101.5 0.0250 0.32 0.39 1.76 292.0 10.0 287.5 2.0 0
0.00 45. 1015. 0 ADJ-SFC NoSubs
19 3 24 83 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 48. 1015. 0 ADJ-SFC NoSubs
19 3 24 83 20 -13.7 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.32 1.00 2.36 344.0 10.0 283.8 2.0 0
0.00 73. 1016. 0 ADJ-SFC NoSubs
19 3 24 83 21 -19.1 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 356.0 10.0 282.5 2.0 0
0.00 76. 1016. 0 ADJ-SFC NoSubs
19 3 24 83 22 -13.7 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 344.0 10.0 282.0 2.0 0
0.00 76. 1016. 0 ADJ-SFC NoSubs
19 3 24 83 23 -19.2 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 342.0 10.0 280.9 2.0 0
0.00 82. 1015. 0 ADJ-SFC NoSubs
19 3 24 83 24 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 338.0 10.0 280.4 2.0 0
0.00 82. 1015. 0 ADJ-SFC NoSubs
19 3 25 84 1 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 356.0 10.0 279.9 2.0 0
0.00 85. 1014. 0 ADJ-SFC NoSubs
19 3 25 84 2 -18.7 0.185 -9.000 -9.000 -999. 191. 37.6 0.0310 0.32 1.00 2.86 319.0 10.0 279.9 2.0 0
0.00 82. 1014. 0 ADJ-SFC NoSubs
19 3 25 84 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 278.8 2.0 0
0.00 88. 1013. 0 ADJ-SFC NoSubs
19 3 25 84 4 -19.3 0.190 -9.000 -9.000 -999. 199. 39.7 0.0360 0.32 1.00 2.86 342.0 10.0 278.8 2.0 0
0.00 88. 1013. 0 ADJ-SFC NoSubs
19 3 25 84 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 85. 1013. 0 ADJ-SFC NoSubs
19 3 25 84 6 -7.2 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.32 1.00 1.76 326.0 10.0 278.8 2.0 0
0.00 91. 1013. 0 ADJ-SFC NoSubs
19 3 25 84 7 -6.9 0.113 -9.000 -9.000 -999. 92. 19.2 0.0360 0.32 0.55 1.76 339.0 10.0 280.9 2.0 0
0.00 82. 1014. 0 ADJ-SFC NoSubs
19 3 25 84 8 16.4 -9.000 -9.000 -9.000 98. -999. -99999.0 0.0304 0.32 0.28 0.00 0.0 10.0 282.5 2.0 0
0.00 83. 1015. 0 ADJ-SFC NoSubs
19 3 25 84 9 49.3 0.329 0.707 0.005 259. 453. -65.3 0.0340 0.32 0.20 4.36 230.0 10.0 285.4 2.0 0
0.00 76. 1015. 0 ADJ-SFC NoSubs
19 3 25 84 10 78.7 -9.000 -9.000 -9.000 422. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 287.5 2.0 0
0.00 57. 1015. 3 ADJ-SFC NoSubs
19 3 25 84 11 97.8 0.209 1.142 0.005 551. 230. -8.5 0.0340 0.32 0.17 2.36 132.0 10.0 288.8 2.0 0
0.00 61. 1015. 3 ADJ-SFC NoSubs
19 3 25 84 12 26.1 0.148 0.749 0.005 582. 138. -11.3 0.0304 0.32 0.16 1.76 999.0 10.0 290.9 2.0 0
0.00 45. 1014. 10 ADJ-SFC NoSubs
19 3 25 84 13 105.8 0.260 1.251 0.005 670. 319. -15.0 0.0230 0.32 0.16 3.36 195.0 10.0 291.4 2.0 0
0.00 49. 1014. 5 ADJ-SFC NoSubs
19 3 25 84 14 104.1 0.271 1.300 0.005 763. 339. -17.4 0.0304 0.32 0.16 3.36 999.0 10.0 291.4 2.0 0

0.00 53. 1013. 3 ADJ-SFC NoSubs
19 3 25 84 15 72.0 0.356 1.214 0.005 898. 510. -56.7 0.0280 0.32 0.17 4.86 244.0 10.0 291.4 2.0 0
0.00 55. 1012. 7 ADJ-SFC NoSubs
19 3 25 84 16 65.6 0.348 1.216 0.006 990. 494. -58.3 0.0250 0.32 0.18 4.86 275.0 10.0 289.9 2.0 0
0.00 64. 1012. 3 ADJ-SFC NoSubs
19 3 25 84 17 7.1 0.174 0.581 0.006 994. 200. -67.1 0.0304 0.32 0.23 2.36 999.0 10.0 288.1 2.0 0
0.00 68. 1012. 10 ADJ-SFC NoSubs
19 3 25 84 18 -5.7 0.183 -9.000 -9.000 -999. 187. 97.1 0.0250 0.32 0.39 2.86 297.0 10.0 287.5 2.0 0
0.00 80. 1013. 10 ADJ-SFC NoSubs
19 3 25 84 19 -12.3 0.145 -9.000 -9.000 -999. 133. 23.1 0.0250 0.32 1.00 2.36 295.0 10.0 286.4 2.0 11
0.30 92. 1013. 10 ADJ-SFC NoSubs
19 3 25 84 20 -6.7 0.105 -9.000 -9.000 -999. 82. 15.9 0.0250 0.32 1.00 1.76 292.0 10.0 286.4 2.0 11
0.50 92. 1013. 10 ADJ-SFC NoSubs
19 3 25 84 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
11 1.80 92. 1013. 10 ADJ-SFC NoSubs
19 3 25 84 22 -7.1 0.110 -9.000 -9.000 -999. 87. 16.8 0.0310 0.32 1.00 1.76 302.0 10.0 286.4 2.0 11
0.80 92. 1013. 10 ADJ-SFC NoSubs
19 3 25 84 23 -32.4 0.327 -9.000 -9.000 -999. 450. 117.9 0.0340 0.32 1.00 4.86 234.0 10.0 286.4 2.0 11
0.50 96. 1013. 10 ADJ-SFC NoSubs
19 3 25 84 24 -12.7 0.148 -9.000 -9.000 -999. 166. 24.0 0.0280 0.32 1.00 2.36 257.0 10.0 285.9 2.0 11
0.30 96. 1013. 10 ADJ-SFC NoSubs
19 3 26 85 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.9 2.0
11 0.30 96. 1013. 10 ADJ-SFC NoSubs
19 3 26 85 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.9 2.0
11 0.30 96. 1012. 10 ADJ-SFC NoSubs
19 3 26 85 3 -7.3 0.111 -9.000 -9.000 -999. 89. 17.2 0.0340 0.32 1.00 1.76 210.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-SFC NoSubs
19 3 26 85 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0 0
0.00 96. 1011. 10 ADJ-SFC NoSubs
19 3 26 85 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0 0
0.00 100. 1012. 10 ADJ-SFC NoSubs
19 3 26 85 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0 0
0.00 100. 1012. 10 ADJ-SFC NoSubs
19 3 26 85 7 -6.8 0.112 -9.000 -9.000 -999. 90. 18.7 0.0340 0.32 0.54 1.76 134.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-SFC NoSubs
19 3 26 85 8 3.1 -9.000 -9.000 -9.000 48. -999. -99999.0 0.0304 0.32 0.28 0.00 0.0 10.0 285.4 2.0 0
0.00 96. 1012. 10 ADJ-SFC NoSubs
19 3 26 85 9 11.5 0.142 0.385 0.005 179. 128. -22.5 0.0340 0.32 0.20 1.76 134.0 10.0 287.0 2.0 0
0.00 86. 1012. 10 ADJ-SFC NoSubs
19 3 26 85 10 64.6 -9.000 -9.000 -9.000 454. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 288.8 2.0 0
0.00 71. 1012. 7 ADJ-SFC NoSubs
19 3 26 85 11 23.3 0.188 0.677 0.006 482. 196. -25.9 0.0340 0.32 0.17 2.36 228.0 10.0 289.2 2.0 0
0.00 71. 1012. 10 ADJ-SFC NoSubs
19 3 26 85 12 26.0 -9.000 -9.000 -9.000 511. -999. -99999.0 0.0304 0.32 0.16 0.00 0.0 10.0 289.9 2.0 0
0.00 69. 1011. 10 ADJ-SFC NoSubs
19 3 26 85 13 26.7 0.181 0.737 0.006 540. 185. -20.0 0.0250 0.32 0.16 2.36 274.0 10.0 290.9 2.0 0
0.00 59. 1011. 10 ADJ-SFC NoSubs
19 3 26 85 14 24.9 0.242 0.731 0.006 565. 286. -51.5 0.0250 0.32 0.16 3.36 279.0 10.0 290.4 2.0 0
0.00 62. 1010. 10 ADJ-SFC NoSubs
19 3 26 85 15 21.3 0.146 0.703 0.006 587. 138. -13.2 0.0310 0.32 0.17 1.76 305.0 10.0 291.4 2.0 0
0.00 53. 1010. 10 ADJ-SFC NoSubs
19 3 26 85 16 15.2 0.213 0.634 0.005 601. 237. -57.4 0.0310 0.32 0.18 2.86 302.0 10.0 290.4 2.0 0
0.00 59. 1009. 10 ADJ-SFC NoSubs
19 3 26 85 17 7.6 0.169 0.506 0.005 608. 168. -57.0 0.0250 0.32 0.23 2.36 292.0 10.0 290.4 2.0 0

0.00 53. 1008. 10 ADJ-SFC NoSubs
19 3 26 85 18 -4.6 0.187 -9.000 -9.000 -999. 194. 128.8 0.0280 0.32 0.38 2.86 262.0 10.0 288.8 2.0 0
0.00 68. 1007. 10 ADJ-SFC NoSubs
19 3 26 85 19 -13.3 0.153 -9.000 -9.000 -999. 144. 25.8 0.0340 0.32 1.00 2.36 238.0 10.0 287.5 2.0 0
0.00 77. 1007. 10 ADJ-SFC NoSubs
19 3 26 85 20 -21.2 0.215 -9.000 -9.000 -999. 240. 50.9 0.0280 0.32 1.00 3.36 241.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
19 3 26 85 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 287.0 2.0
0 0.00 89. 1008. 10 ADJ-SFC NoSubs
19 3 26 85 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 89. 1008. 10 ADJ-SFC NoSubs
19 3 26 85 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.9 2.0
11 0.30 96. 1008. 10 ADJ-SFC NoSubs
19 3 26 85 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 92. 1008. 10 ADJ-SFC NoSubs
19 3 27 86 1 -6.5 0.104 -9.000 -9.000 -999. 80. 15.6 0.0230 0.32 1.00 1.76 208.0 10.0 286.4 2.0 11
0.30 96. 1008. 10 ADJ-SFC NoSubs
19 3 27 86 2 -50.3 0.512 -9.000 -9.000 -999. 879. 288.3 0.0340 0.32 1.00 7.46 235.0 10.0 287.0 2.0 0
0.00 86. 1008. 7 ADJ-SFC NoSubs
19 3 27 86 3 -32.2 0.327 -9.000 -9.000 -999. 479. 117.9 0.0340 0.32 1.00 4.86 234.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-SFC NoSubs
19 3 27 86 4 -39.9 0.405 -9.000 -9.000 -999. 618. 180.5 0.0340 0.32 1.00 5.96 228.0 10.0 286.4 2.0 0
0.00 86. 1008. 10 ADJ-SFC NoSubs
19 3 27 86 5 -32.3 0.327 -9.000 -9.000 -999. 453. 117.9 0.0340 0.32 1.00 4.86 221.0 10.0 285.9 2.0 0
0.00 79. 1009. 0 ADJ-SFC NoSubs
19 3 27 86 6 -35.7 0.363 -9.000 -9.000 -999. 524. 144.6 0.0340 0.32 1.00 5.36 220.0 10.0 286.4 2.0 0
0.00 71. 1009. 7 ADJ-SFC NoSubs
19 3 27 86 7 -18.5 0.224 -9.000 -9.000 -999. 266. 55.0 0.0340 0.32 0.53 3.36 212.0 10.0 286.4 2.0 0
0.00 74. 1009. 10 ADJ-SFC NoSubs
19 3 27 86 8 3.6 0.275 0.226 0.005 114. 346. -514.8 0.0340 0.32 0.27 3.86 224.0 10.0 287.5 2.0 0
0.00 69. 1010. 10 ADJ-SFC NoSubs
19 3 27 86 9 11.7 0.327 0.476 0.005 333. 448. -268.7 0.0230 0.32 0.20 4.86 204.0 10.0 287.0 2.0 0
0.00 80. 1010. 10 ADJ-SFC NoSubs
19 3 27 86 10 18.5 0.461 0.643 0.005 516. 750. -475.3 0.0340 0.32 0.17 6.46 233.0 10.0 288.1 2.0 0
0.00 77. 1010. 10 ADJ-SFC NoSubs
19 3 27 86 11 23.4 0.428 0.762 0.005 681. 673. -301.9 0.0340 0.32 0.17 5.96 228.0 10.0 288.8 2.0 0
0.00 74. 1010. 10 ADJ-SFC NoSubs
19 3 27 86 12 26.0 0.463 0.839 0.005 819. 755. -343.3 0.0340 0.32 0.16 6.46 231.0 10.0 288.8 2.0 0
0.00 77. 1010. 10 ADJ-SFC NoSubs
19 3 27 86 13 25.9 0.279 0.847 0.005 845. 382. -75.5 0.0280 0.32 0.16 3.86 252.0 10.0 285.4 2.0 11
3.30 96. 1011. 10 ADJ-SFC NoSubs
19 3 27 86 14 24.3 0.310 0.837 0.005 869. 415. -110.8 0.0280 0.32 0.16 4.36 250.0 10.0 285.9 2.0 11
7.90 96. 1011. 10 ADJ-SFC NoSubs
19 3 27 86 15 20.6 0.277 0.799 0.005 890. 350. -92.5 0.0280 0.32 0.17 3.86 251.0 10.0 287.0 2.0 11
0.80 89. 1011. 10 ADJ-SFC NoSubs
19 3 27 86 16 14.8 0.445 0.720 0.005 904. 711. -533.6 0.0280 0.32 0.18 6.46 261.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-SFC NoSubs
19 3 27 86 17 30.2 0.313 0.920 0.005 932. 432. -91.3 0.0280 0.32 0.23 4.36 254.0 10.0 286.4 2.0 0
0.00 89. 1011. 7 ADJ-SFC NoSubs
19 3 27 86 18 4.3 0.233 0.481 0.005 935. 274. -268.6 0.0280 0.32 0.38 3.36 243.0 10.0 285.9 2.0 0
0.00 92. 1012. 5 ADJ-SFC NoSubs
19 3 27 86 19 -18.7 0.188 -9.000 -9.000 -999. 196. 38.9 0.0340 0.32 1.00 2.86 238.0 10.0 285.4 2.0 0
0.00 96. 1012. 7 ADJ-SFC NoSubs
19 3 27 86 20 -18.0 0.182 -9.000 -9.000 -999. 186. 36.3 0.0280 0.32 1.00 2.86 245.0 10.0 285.4 2.0 0

0.00 92. 1013. 7 ADJ-SFC NoSubs
19 3 27 86 21 -7.3 0.111 -9.000 -9.000 -999. 91. 17.2 0.0340 0.32 1.00 1.76 230.0 10.0 284.2 2.0 0
0.00 100. 1014. 7 ADJ-SFC NoSubs
19 3 27 86 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 96. 1014. 7 ADJ-SFC NoSubs
19 3 27 86 23 -13.7 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 343.0 10.0 283.1 2.0 0
0.00 96. 1015. 0 ADJ-SFC NoSubs
19 3 27 86 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 100. 1015. 0 ADJ-SFC NoSubs
19 3 28 87 1 -13.1 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 300.0 10.0 283.1 2.0 0
0.00 96. 1016. 10 ADJ-SFC NoSubs
19 3 28 87 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0 0
0.00 96. 1016. 10 ADJ-SFC NoSubs
19 3 28 87 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.5 2.0
11 1.80 100. 1016. 10 ADJ-SFC NoSubs
19 3 28 87 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.5 2.0 0
0.00 100. 1017. 10 ADJ-SFC NoSubs
19 3 28 87 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.0 2.0 0
0.00 100. 1017. 0 ADJ-SFC NoSubs
19 3 28 87 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 282.0 2.0 0
0.00 100. 1017. 10 ADJ-SFC NoSubs
19 3 28 87 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.52 0.00 0.0 10.0 282.5 2.0 0
0.00 100. 1018. 3 ADJ-SFC NoSubs
19 3 28 87 8 22.5 -9.000 -9.000 -9.000 133. -999. -99999.0 0.0304 0.32 0.27 0.00 0.0 10.0 284.2 2.0 0
0.00 89. 1018. 5 ADJ-SFC NoSubs
19 3 28 87 9 44.7 0.185 0.670 0.005 245. 191. -12.9 0.0230 0.32 0.19 2.36 201.0 10.0 285.4 2.0 0
0.00 80. 1019. 7 ADJ-SFC NoSubs
19 3 28 87 10 65.5 0.282 1.073 0.005 685. 360. -31.3 0.0230 0.32 0.17 3.86 204.0 10.0 287.0 2.0 0
0.00 77. 1019. 7 ADJ-SFC NoSubs
19 3 28 87 11 80.3 0.255 1.301 0.005 998. 310. -18.8 0.0230 0.32 0.16 3.36 206.0 10.0 287.5 2.0 0
0.00 77. 1019. 7 ADJ-SFC NoSubs
19 3 28 87 12 110.2 0.272 1.517 0.005 1152. 341. -16.7 0.0304 0.32 0.16 3.36 999.0 10.0 288.1 2.0 0
0.00 74. 1019. 3 ADJ-SFC NoSubs
19 3 28 87 13 107.1 0.447 1.572 0.005 1319. 716. -75.5 0.0340 0.32 0.16 5.96 234.0 10.0 289.2 2.0 0
0.00 74. 1019. 5 ADJ-SFC NoSubs
19 3 28 87 14 84.7 0.429 1.503 0.005 1457. 674. -84.5 0.0280 0.32 0.16 5.96 262.0 10.0 288.8 2.0 0
0.00 68. 1018. 7 ADJ-SFC NoSubs
19 3 28 87 15 86.2 0.429 1.553 0.005 1579. 674. -83.2 0.0280 0.32 0.17 5.96 252.0 10.0 288.1 2.0 0
0.00 68. 1018. 5 ADJ-SFC NoSubs
19 3 28 87 16 66.8 0.355 1.450 0.005 1659. 511. -60.8 0.0280 0.32 0.18 4.86 253.0 10.0 287.5 2.0 0
0.00 77. 1019. 3 ADJ-SFC NoSubs
19 3 28 87 17 36.8 0.451 1.199 0.005 1702. 726. -225.7 0.0280 0.32 0.23 6.46 248.0 10.0 287.5 2.0 0
0.00 80. 1018. 3 ADJ-SFC NoSubs
19 3 28 87 18 0.1 0.331 0.165 0.005 1697. 466. -8888.0 0.0280 0.32 0.38 4.86 259.0 10.0 285.9 2.0 0
0.00 86. 1018. 0 ADJ-SFC NoSubs
19 3 28 87 19 -17.8 0.178 -9.000 -9.000 -999. 198. 34.8 0.0250 0.32 1.00 2.86 275.0 10.0 284.9 2.0 0
0.00 89. 1019. 0 ADJ-SFC NoSubs
19 3 28 87 20 -17.9 0.178 -9.000 -9.000 -999. 180. 34.8 0.0250 0.32 1.00 2.86 297.0 10.0 284.2 2.0 11
0.50 89. 1020. 10 ADJ-SFC NoSubs
19 3 28 87 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 283.1 2.0
0 0.00 96. 1020. 0 ADJ-SFC NoSubs
19 3 28 87 22 -7.5 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 339.0 10.0 282.0 2.0 0
0.00 100. 1021. 5 ADJ-SFC NoSubs
19 3 28 87 23 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 316.0 10.0 281.4 2.0 0

0.00 100. 1020. 0 ADJ-SFC NoSubs
19 3 28 87 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 96. 1020. 5 ADJ-SFC NoSubs
19 3 29 88 1 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 339.0 10.0 280.9 2.0 0
0.00 95. 1021. 5 ADJ-SFC NoSubs
19 3 29 88 2 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 344.0 10.0 280.4 2.0 0
0.00 96. 1021. 0 ADJ-SFC NoSubs
19 3 29 88 3 -13.2 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.32 1.00 2.36 326.0 10.0 280.4 2.0 0
0.00 92. 1021. 0 ADJ-SFC NoSubs
19 3 29 88 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 357.0 10.0 279.9 2.0 0
0.00 95. 1020. 0 ADJ-SFC NoSubs
19 3 29 88 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 279.2 2.0 0
0.00 96. 1020. 0 ADJ-SFC NoSubs
19 3 29 88 6 -13.9 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 338.0 10.0 279.2 2.0 0
0.00 92. 1021. 0 ADJ-SFC NoSubs
19 3 29 88 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.51 0.00 0.0 10.0 280.9 2.0 0
0.00 92. 1022. 0 ADJ-SFC NoSubs
19 3 29 88 8 20.0 -9.000 -9.000 -9.000 87. -999. -99999.0 0.0304 0.32 0.27 0.00 0.0 10.0 283.1 2.0 0
0.00 86. 1022. 0 ADJ-SFC NoSubs
19 3 29 88 9 52.8 -9.000 -9.000 -9.000 488. -999. -99999.0 0.0304 0.32 0.19 0.00 0.0 10.0 285.4 2.0 0
0.00 82. 1022. 0 ADJ-SFC NoSubs
19 3 29 88 10 66.1 -9.000 -9.000 -9.000 770. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 287.0 2.0 0
0.00 71. 1022. 7 ADJ-SFC NoSubs
19 3 29 88 11 98.4 0.340 1.368 0.005 949. 476. -36.4 0.0340 0.32 0.16 4.36 211.0 10.0 287.5 2.0 0
0.00 71. 1022. 0 ADJ-SFC NoSubs
19 3 29 88 12 105.9 0.331 1.463 0.005 1080. 457. -31.2 0.0280 0.32 0.16 4.36 244.0 10.0 288.1 2.0 0
0.00 71. 1022. 5 ADJ-SFC NoSubs
19 3 29 88 13 110.9 0.322 1.521 0.005 1157. 439. -27.4 0.0230 0.32 0.16 4.36 209.0 10.0 289.2 2.0 0
0.00 64. 1021. 0 ADJ-SFC NoSubs
19 3 29 88 14 106.0 0.340 1.521 0.005 1210. 476. -33.8 0.0340 0.32 0.16 4.34 231.0 10.0 289.2 2.0 0
0.00 59. 1020. 3 ADJ-A1 NoSubs
19 3 29 88 15 88.7 0.355 1.468 0.005 1297. 506. -45.6 0.0340 0.32 0.17 4.61 238.0 10.0 289.9 2.0 0
0.00 61. 1020. 0 ADJ-A1 NoSubs
19 3 29 88 16 65.1 0.327 1.345 0.005 1358. 450. -48.9 0.0340 0.32 0.18 4.27 233.0 10.0 289.2 2.0 0
0.00 57. 1019. 0 ADJ-A1 NoSubs
19 3 29 88 17 34.8 0.232 1.100 0.005 1390. 273. -32.8 0.0340 0.32 0.23 2.96 221.0 10.0 289.2 2.0 0
0.00 53. 1019. 0 ADJ-A1 NoSubs
19 3 29 88 18 0.9 0.156 0.328 0.005 1389. 149. -371.3 0.0230 0.32 0.37 2.33 189.0 10.0 288.1 2.0 0
0.00 59. 1019. 0 ADJ-A1 NoSubs
19 3 29 88 19 -7.3 0.112 -9.000 -9.000 -999. 90. 17.5 0.0370 0.32 1.00 1.74 161.0 10.0 287.5 2.0 0
0.00 59. 1019. 0 ADJ-A1 NoSubs
19 3 29 88 20 -5.7 0.099 -9.000 -9.000 -999. 74. 15.2 0.0360 0.32 1.00 1.55 348.0 10.0 284.9 2.0 0
0.00 76. 1020. 0 ADJ-A1 NoSubs
19 3 29 88 21 -8.3 0.118 -9.000 -9.000 -999. 98. 18.1 0.0310 0.32 1.00 1.89 315.0 10.0 283.1 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
19 3 29 88 22 -10.7 0.134 -9.000 -9.000 -999. 118. 20.4 0.0250 0.32 1.00 2.20 272.0 10.0 282.5 2.0 0
0.00 89. 1020. 0 ADJ-A1 NoSubs
19 3 29 88 23 -5.3 0.094 -9.000 -9.000 -999. 69. 14.4 0.0360 0.32 1.00 1.48 333.0 10.0 281.4 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
19 3 29 88 24 -10.9 0.137 -9.000 -9.000 -999. 122. 21.4 0.0360 0.32 1.00 2.11 342.0 10.0 280.9 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
19 3 30 89 1 -12.5 0.147 -9.000 -9.000 -999. 135. 23.7 0.0360 0.32 1.00 2.25 336.0 10.0 280.9 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
19 3 30 89 2 -10.6 0.135 -9.000 -9.000 -999. 119. 21.0 0.0360 0.32 1.00 2.08 333.0 10.0 280.4 2.0 0

0.00 92. 1018. 0 ADJ-A1 NoSubs
19 3 30 89 3 -13.8 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 330.0 10.0 279.9 2.0 0
0.00 95. 1018. 0 ADJ-SFC NoSubs
19 3 30 89 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 341.0 10.0 279.2 2.0 0
0.00 96. 1018. 0 ADJ-SFC NoSubs
19 3 30 89 5 -7.2 0.109 -9.000 -9.000 -999. 87. 16.6 0.0310 0.32 1.00 1.76 326.0 10.0 279.2 2.0 0
0.00 96. 1018. 0 ADJ-SFC NoSubs
19 3 30 89 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 278.8 2.0 0
0.00 100. 1018. 0 ADJ-SFC NoSubs
19 3 30 89 7 -6.4 0.114 -9.000 -9.000 -999. 93. 21.3 0.0360 0.32 0.50 1.76 331.0 10.0 280.4 2.0 0
0.00 96. 1019. 0 ADJ-SFC NoSubs
19 3 30 89 8 20.9 -9.000 -9.000 -9.000 90. -999. -99999.0 0.0304 0.32 0.26 0.00 0.0 10.0 283.1 2.0 0
0.00 86. 1019. 0 ADJ-SFC NoSubs
19 3 30 89 9 53.6 -9.000 -9.000 -9.000 340. -999. -99999.0 0.0304 0.32 0.19 0.00 0.0 10.0 285.4 2.0 0
0.00 80. 1019. 0 ADJ-SFC NoSubs
19 3 30 89 10 80.4 -9.000 -9.000 -9.000 402. -999. -99999.0 0.0304 0.32 0.17 0.00 0.0 10.0 287.5 2.0 0
0.00 66. 1019. 0 ADJ-SFC NoSubs
19 3 30 89 11 99.6 0.170 1.087 0.005 469. 168. -4.4 0.0340 0.32 0.16 1.76 221.0 10.0 289.9 2.0 0
0.00 64. 1018. 0 ADJ-SFC NoSubs
19 3 30 89 12 110.0 0.291 1.158 0.005 513. 376. -20.3 0.0340 0.32 0.16 3.57 231.0 10.0 290.4 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
19 3 30 89 13 111.7 0.299 1.253 0.005 640. 392. -21.6 0.0280 0.32 0.16 3.83 242.0 10.0 289.9 2.0 0
0.00 66. 1017. 0 ADJ-A1 NoSubs
19 3 30 89 14 105.0 0.332 1.392 0.005 932. 458. -31.5 0.0280 0.32 0.16 4.37 260.0 10.0 290.9 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
19 3 30 89 15 89.6 0.339 1.405 0.005 1123. 475. -39.6 0.0280 0.32 0.17 4.54 252.0 10.0 291.4 2.0 0
0.00 53. 1016. 0 ADJ-A1 NoSubs
19 3 30 89 16 66.2 0.260 1.317 0.005 1249. 322. -24.1 0.0340 0.32 0.18 3.24 230.0 10.0 292.0 2.0 0
0.00 49. 1015. 0 ADJ-A1 NoSubs
19 3 30 89 17 35.9 0.191 1.091 0.005 1311. 202. -17.5 0.0230 0.32 0.22 2.50 201.0 10.0 292.0 2.0 0
0.00 46. 1015. 0 ADJ-A1 NoSubs
19 3 30 89 18 1.9 0.158 0.412 0.005 1309. 151. -184.8 0.0230 0.32 0.37 2.33 180.0 10.0 290.9 2.0 0
0.00 49. 1015. 0 ADJ-A1 NoSubs
19 3 30 89 19 -20.2 0.205 -9.000 -9.000 -999. 222. 46.0 0.0370 0.32 1.00 3.05 171.0 10.0 287.5 2.0 0
0.00 74. 1015. 0 ADJ-A1 NoSubs
19 3 30 89 20 -8.2 0.119 -9.000 -9.000 -999. 101. 18.5 0.0340 0.32 1.00 1.87 215.0 10.0 287.0 2.0 0
0.00 80. 1016. 0 ADJ-A1 NoSubs
19 3 30 89 21 -5.0 0.092 -9.000 -9.000 -999. 67. 14.2 0.0360 0.32 1.00 1.45 349.0 10.0 285.4 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
19 3 30 89 22 -9.6 0.129 -9.000 -9.000 -999. 111. 20.1 0.0360 0.32 1.00 1.99 342.0 10.0 284.2 2.0 0
0.00 79. 1016. 0 ADJ-A1 NoSubs
19 3 30 89 23 -14.8 0.160 -9.000 -9.000 -999. 154. 28.2 0.0310 0.32 1.00 2.50 325.0 10.0 283.1 2.0 0
0.00 82. 1016. 0 ADJ-A1 NoSubs
19 3 30 89 24 -6.9 0.107 -9.000 -9.000 -999. 85. 16.3 0.0310 0.32 1.00 1.73 328.0 10.0 281.4 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
19 3 31 90 1 -13.7 0.155 -9.000 -9.000 -999. 146. 26.3 0.0360 0.32 1.00 2.36 336.0 10.0 282.0 2.0 0
0.00 85. 1016. 0 ADJ-SFC NoSubs
19 3 31 90 2 -7.4 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 343.0 10.0 281.4 2.0 0
0.00 85. 1016. 0 ADJ-SFC NoSubs
19 3 31 90 3 -7.1 0.109 -9.000 -9.000 -999. 87. 16.7 0.0310 0.32 1.00 1.76 324.0 10.0 281.4 2.0 0
0.00 85. 1016. 0 ADJ-SFC NoSubs
19 3 31 90 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 342.0 10.0 280.9 2.0 0
0.00 92. 1016. 0 ADJ-SFC NoSubs
19 3 31 90 5 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 347.0 10.0 280.4 2.0 0

0.00 89. 1016. 0 ADJ-SFC NoSubs
19 3 31 90 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 280.4 2.0 0
0.00 89. 1016. 0 ADJ-SFC NoSubs
19 3 31 90 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.49 0.00 0.0 10.0 282.0 2.0 0
0.00 85. 1016. 0 ADJ-SFC NoSubs
19 3 31 90 8 21.9 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.26 0.00 0.0 10.0 284.2 2.0 0
0.00 79. 1016. 0 ADJ-SFC NoSubs
19 3 31 90 9 54.8 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 0.19 0.00 0.0 10.0 287.5 2.0 0
0.00 66. 1016. 0 ADJ-SFC NoSubs
19 3 31 90 10 81.8 0.133 -9.000 -9.000 -999. 116. -2.6 0.0340 0.32 0.17 1.28 145.0 10.0 290.9 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
19 3 31 90 11 100.7 0.203 -9.000 -9.000 -999. 219. -7.5 0.0340 0.32 0.16 2.25 211.0 10.0 292.0 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
19 3 31 90 12 111.4 0.194 -9.000 -9.000 -999. 205. -5.9 0.0230 0.32 0.16 2.28 208.0 10.0 293.8 2.0 0
0.00 48. 1015. 0 ADJ-A1 NoSubs
19 3 31 90 13 113.1 0.249 -9.000 -9.000 -999. 297. -12.3 0.0340 0.32 0.16 2.91 218.0 10.0 293.8 2.0 0
0.00 48. 1014. 0 ADJ-A1 NoSubs
19 3 31 90 14 106.4 0.213 -9.000 -9.000 -999. 236. -8.2 0.0340 0.32 0.16 2.39 224.0 10.0 294.9 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
19 3 31 90 15 90.8 0.331 -9.000 -9.000 -999. 456. -36.0 0.0250 0.32 0.17 4.49 273.0 10.0 294.2 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
19 3 31 90 16 67.1 0.313 -9.000 -9.000 -999. 421. -41.3 0.0250 0.32 0.18 4.29 270.0 10.0 293.8 2.0 0
0.00 35. 1012. 0 ADJ-A1 NoSubs
19 3 31 90 17 36.4 0.226 -9.000 -9.000 -999. 261. -28.6 0.0280 0.32 0.22 2.96 268.0 10.0 292.0 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
19 3 31 90 18 2.6 0.100 -9.000 -9.000 -999. 87. -34.1 0.0250 0.32 0.36 1.35 271.0 10.0 292.0 2.0 0
0.00 55. 1012. 0 ADJ-A1 NoSubs
19 3 31 90 19 -17.3 0.176 -9.000 -9.000 -999. 177. 33.9 0.0370 0.32 1.00 2.64 165.0 10.0 287.0 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 3 31 90 20 -10.6 0.136 -9.000 -9.000 -999. 120. 21.3 0.0340 0.32 1.00 2.11 146.0 10.0 286.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 3 31 90 21 -9.1 0.125 -9.000 -9.000 -999. 106. 19.5 0.0340 0.32 1.00 1.96 142.0 10.0 286.4 2.0 0
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19 3 31 90 22 -7.7 0.115 -9.000 -9.000 -999. 94. 18.0 0.0370 0.32 1.00 1.79 162.0 10.0 285.9 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 3 31 90 23 -4.4 0.086 -9.000 -9.000 -999. 61. 13.2 0.0300 0.32 1.00 1.40 56.0 10.0 285.4 2.0 0
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19 3 31 90 24 -8.3 0.120 -9.000 -9.000 -999. 99. 18.6 0.0360 0.32 1.00 1.86 340.0 10.0 284.2 2.0 0
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19 4 1 91 1 -12.3 0.147 -9.000 -9.000 -999. 135. 23.8 0.0360 0.32 1.00 2.25 341.0 10.0 284.2 2.0 0
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19 4 1 91 2 -5.0 0.092 -9.000 -9.000 -999. 68. 14.2 0.0360 0.32 1.00 1.45 359.0 10.0 283.8 2.0 0
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0.00 79. 1011. 0 ADJ-A1 NoSubs
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0.00 66. 1011. 0 ADJ-A1 NoSubs
19 4 1 91 10 82.7 0.186 0.875 0.015 292. 193. -7.0 0.0230 0.32 0.17 2.23 183.0 10.0 291.4 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
19 4 1 91 11 103.6 0.168 0.993 0.012 340. 166. -4.1 0.0280 0.32 0.16 1.81 240.0 10.0 292.5 2.0 0
0.00 51. 1010. 3 ADJ-A1 NoSubs
19 4 1 91 12 91.9 0.142 0.985 0.010 375. 128. -2.8 0.0340 0.32 0.16 1.38 212.0 10.0 294.2 2.0 0
0.00 43. 1009. 7 ADJ-A1 NoSubs
19 4 1 91 13 109.6 0.307 1.130 0.008 474. 407. -23.6 0.0340 0.32 0.16 3.81 228.0 10.0 290.4 2.0 0
0.00 64. 1008. 5 ADJ-A1 NoSubs
19 4 1 91 14 87.1 0.266 1.108 0.008 561. 331. -19.5 0.0280 0.32 0.16 3.39 266.0 10.0 291.4 2.0 0
0.00 46. 1008. 7 ADJ-A1 NoSubs
19 4 1 91 15 22.4 0.149 0.710 0.007 574. 145. -13.2 0.0250 0.32 0.17 1.87 283.0 10.0 292.5 2.0 0
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19 4 1 91 16 16.4 0.133 0.643 0.007 582. 117. -12.9 0.0370 0.32 0.18 1.54 174.0 10.0 292.0 2.0 0
0.00 60. 1007. 10 ADJ-A1 NoSubs
19 4 1 91 17 32.9 0.218 0.818 0.007 596. 243. -28.1 0.0340 0.32 0.22 2.74 143.0 10.0 290.4 2.0 0
0.00 72. 1006. 7 ADJ-A1 NoSubs
19 4 1 91 18 6.2 0.238 0.469 0.007 597. 278. -194.8 0.0280 0.32 0.36 3.40 243.0 10.0 288.1 2.0 0
0.00 77. 1007. 7 ADJ-A1 NoSubs
19 4 1 91 19 -8.0 0.118 -9.000 -9.000 -999. 105. 18.2 0.0300 0.32 1.00 1.89 12.0 10.0 288.8 2.0 0
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19 4 1 91 21 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0300 0.32 1.00 1.99 105.0 10.0 287.5 2.0 0
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0.30 89. 1009. 10 ADJ-A1 NoSubs
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0.00 92. 1007. 5 ADJ-A1 NoSubs
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19 4 2 92 8 4.8 0.151 0.332 0.005 275. 141. -65.5 0.0340 0.32 0.25 2.01 132.0 10.0 286.4 2.0 0
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19 4 2 92 9 12.8 0.198 0.495 0.005 341. 211. -54.4 0.0230 0.32 0.19 2.79 195.0 10.0 285.9 2.0 11
0.30 92. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 10 19.3 0.227 0.609 0.005 419. 259. -54.4 0.0340 0.32 0.17 2.98 220.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 11 24.0 0.261 0.692 0.005 496. 321. -67.0 0.0340 0.32 0.16 3.47 233.0 10.0 285.9 2.0 0

0.00 92. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 12 26.8 0.378 0.753 0.005 572. 558. -181.4 0.0340 0.32 0.16 5.21 219.0 10.0 287.5 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 13 27.2 0.337 0.787 0.005 645. 470. -126.2 0.0280 0.32 0.16 4.75 243.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 14 25.3 0.359 0.793 0.005 707. 516. -164.4 0.0280 0.32 0.16 5.11 256.0 10.0 287.0 2.0 11
0.30 92. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 15 21.6 0.363 0.769 0.005 755. 525. -198.9 0.0280 0.32 0.17 5.19 255.0 10.0 288.1 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 16 15.6 0.346 0.697 0.005 780. 489. -239.8 0.0280 0.32 0.18 4.97 257.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 17 8.0 0.310 0.560 0.005 793. 415. -336.6 0.0280 0.32 0.22 4.48 254.0 10.0 287.0 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 18 -4.0 0.253 -9.000 -9.000 -999. 306. 358.3 0.0280 0.32 0.36 3.78 244.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 4 2 92 19 -14.0 0.157 -9.000 -9.000 -999. 154. 27.2 0.0340 0.32 1.00 2.42 237.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 4 2 92 20 -12.0 0.144 -9.000 -9.000 -999. 131. 22.7 0.0280 0.32 1.00 2.30 242.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 4 2 92 21 -2.6 0.069 -9.000 -9.000 -999. 45. 11.2 0.0280 0.32 1.00 1.04 258.0 10.0 285.4 2.0 11
0.80 96. 1009. 10 ADJ-A1 NoSubs
19 4 2 92 22 -8.8 0.123 -9.000 -9.000 -999. 104. 19.1 0.0340 0.32 1.00 1.93 217.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 2 92 23 -3.7 0.080 -9.000 -9.000 -999. 55. 12.5 0.0340 0.32 1.00 1.26 222.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 2 92 24 -14.7 0.160 -9.000 -9.000 -999. 154. 28.1 0.0280 0.32 1.00 2.54 263.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 3 93 1 -3.4 0.077 -9.000 -9.000 -999. 54. 12.0 0.0310 0.32 1.00 1.21 310.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 3 93 2 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0280 0.32 1.00 1.60 250.0 10.0 284.9 2.0 11
0.30 96. 1010. 10 ADJ-A1 NoSubs
19 4 3 93 3 -2.0 0.064 -9.000 -9.000 -999. 39. 11.6 0.0300 0.32 1.00 0.86 19.0 10.0 284.9 2.0 11
0.30 96. 1010. 10 ADJ-A1 NoSubs
19 4 3 93 4 -1.1 0.057 -9.000 -9.000 -999. 32. 14.9 0.0300 0.32 1.00 0.53 41.0 10.0 284.9 2.0 11
0.30 96. 1010. 10 ADJ-A1 NoSubs
19 4 3 93 5 -3.5 0.077 -9.000 -9.000 -999. 51. 11.9 0.0270 0.32 1.00 1.25 60.0 10.0 284.9 2.0 0
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19 4 3 93 6 -3.9 0.081 -9.000 -9.000 -999. 55. 12.3 0.0270 0.32 1.00 1.33 88.0 10.0 284.9 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 4 3 93 7 -7.5 0.126 -9.000 -9.000 -999. 107. 24.0 0.0340 0.32 0.46 1.94 126.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 4 3 93 8 4.9 0.122 0.360 0.005 343. 102. -33.0 0.0340 0.32 0.25 1.55 149.0 10.0 285.9 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 4 3 93 9 12.9 0.104 0.532 0.005 421. 80. -7.8 0.0230 0.32 0.19 1.26 186.0 10.0 285.4 2.0 11
0.80 96. 1013. 10 ADJ-A1 NoSubs
19 4 3 93 10 19.6 0.118 0.649 0.005 503. 98. -7.6 0.0230 0.32 0.17 1.43 184.0 10.0 286.4 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 4 3 93 11 24.4 0.207 0.728 0.005 572. 226. -32.9 0.0280 0.32 0.16 2.74 240.0 10.0 287.5 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
19 4 3 93 12 27.2 0.215 0.785 0.005 641. 239. -33.0 0.0340 0.32 0.16 2.74 235.0 10.0 289.1 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
19 4 3 93 13 115.7 0.243 1.393 0.005 845. 287. -11.2 0.0230 0.32 0.16 3.05 208.0 10.0 288.8 2.0 0
0.00 71. 1013. 3 ADJ-A1 NoSubs
19 4 3 93 14 108.8 0.325 1.432 0.005 975. 445. -28.5 0.0340 0.32 0.16 4.10 226.0 10.0 289.2 2.0 0

0.00 71. 1012. 3 ADJ-A1 NoSubs
19 4 3 93 15 91.2 0.283 1.393 0.006 1071. 362. -22.4 0.0280 0.32 0.17 3.64 261.0 10.0 288.8 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
19 4 3 93 16 67.3 0.297 1.283 0.006 1135. 389. -35.3 0.0280 0.32 0.18 3.95 258.0 10.0 287.5 2.0 0
0.00 77. 1012. 5 ADJ-A1 NoSubs
19 4 3 93 17 39.0 0.276 1.081 0.007 1171. 349. -48.8 0.0280 0.32 0.22 3.74 256.0 10.0 287.0 2.0 0
0.00 83. 1012. 5 ADJ-A1 NoSubs
19 4 3 93 18 2.9 0.200 0.454 0.007 1172. 217. -251.7 0.0280 0.32 0.35 2.88 262.0 10.0 285.9 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 4 3 93 19 -4.4 0.087 -9.000 -9.000 -999. 70. 13.1 0.0280 0.32 1.00 1.42 264.0 10.0 285.9 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 4 3 93 20 -6.1 0.101 -9.000 -9.000 -999. 77. 15.2 0.0250 0.32 1.00 1.69 277.0 10.0 285.4 2.0 0
0.00 89. 1012. 3 ADJ-A1 NoSubs
19 4 3 93 21 -2.5 0.068 -9.000 -9.000 -999. 43. 11.4 0.0310 0.32 1.00 1.01 304.0 10.0 285.4 2.0 0
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19 4 3 93 22 -2.3 0.067 -9.000 -9.000 -999. 41. 11.4 0.0310 0.32 1.00 0.96 311.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 4 3 93 23 -2.7 0.069 -9.000 -9.000 -999. 43. 11.1 0.0250 0.32 1.00 1.08 297.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 4 3 93 24 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0310 0.32 1.00 1.25 312.0 10.0 285.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 4 4 94 1 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0360 0.32 1.00 1.30 342.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 4 4 94 2 -2.1 0.065 -9.000 -9.000 -999. 39. 11.6 0.0310 0.32 1.00 0.89 313.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 4 4 94 3 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0250 0.32 1.00 1.33 270.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 4 4 94 4 -2.0 0.063 -9.000 -9.000 -999. 38. 11.5 0.0280 0.32 1.00 0.87 260.0 10.0 284.2 2.0 11
0.30 100. 1011. 10 ADJ-A1 NoSubs
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0.00 92. 1011. 10 ADJ-A1 NoSubs
19 4 4 94 6 -5.3 0.094 -9.000 -9.000 -999. 70. 14.2 0.0280 0.32 1.00 1.55 252.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 4 4 94 7 -10.2 0.155 -9.000 -9.000 -999. 146. 32.6 0.0340 0.32 0.45 2.35 222.0 10.0 284.2 2.0 11
0.30 96. 1012. 10 ADJ-A1 NoSubs
19 4 4 94 8 5.0 0.156 0.299 0.005 191. 148. -68.7 0.0340 0.32 0.25 2.08 223.0 10.0 285.4 2.0 11
0.30 92. 1012. 10 ADJ-A1 NoSubs
19 4 4 94 9 13.1 0.171 0.473 0.005 291. 170. -34.5 0.0280 0.32 0.19 2.27 244.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 4 4 94 10 19.8 0.197 0.602 0.005 397. 210. -35.1 0.0280 0.32 0.17 2.62 248.0 10.0 286.4 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 4 4 94 11 24.4 0.264 0.716 0.005 542. 325. -67.8 0.0280 0.32 0.16 3.63 249.0 10.0 286.4 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 4 4 94 12 92.0 0.298 1.236 0.005 741. 391. -26.0 0.0280 0.32 0.16 3.88 255.0 10.0 288.1 2.0 0
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19 4 4 94 13 27.6 0.292 0.836 0.005 764. 379. -81.7 0.0250 0.32 0.16 4.14 271.0 10.0 288.1 2.0 0
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19 4 4 94 14 25.7 0.276 0.824 0.005 785. 349. -74.2 0.0250 0.32 0.16 3.90 279.0 10.0 287.5 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
19 4 4 94 15 21.8 0.283 0.787 0.005 807. 361. -93.7 0.0250 0.32 0.17 4.03 280.0 10.0 287.5 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
19 4 4 94 16 15.9 0.286 0.713 0.005 822. 367. -132.3 0.0250 0.32 0.18 4.12 274.0 10.0 287.5 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
19 4 4 94 17 8.2 0.299 0.574 0.005 830. 392. -293.3 0.0280 0.32 0.22 4.31 269.0 10.0 287.0 2.0 0

0.00 80. 1011. 10 ADJ-A1 NoSubs
19 4 4 94 18 -2.1 0.230 -9.000 -9.000 -999. 267. 531.3 0.0250 0.32 0.35 3.49 271.0 10.0 286.4 2.0 0
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19 4 4 94 19 -9.1 0.124 -9.000 -9.000 -999. 111. 18.9 0.0250 0.32 1.00 2.05 291.0 10.0 285.9 2.0 0
0.00 82. 1010. 7 ADJ-A1 NoSubs
19 4 4 94 20 -8.6 0.122 -9.000 -9.000 -999. 102. 18.8 0.0310 0.32 1.00 1.94 316.0 10.0 285.4 2.0 0
0.00 86. 1011. 3 ADJ-A1 NoSubs
19 4 4 94 21 -9.0 0.125 -9.000 -9.000 -999. 106. 19.6 0.0360 0.32 1.00 1.94 331.0 10.0 285.4 2.0 0
0.00 86. 1011. 3 ADJ-A1 NoSubs
19 4 4 94 22 -8.2 0.118 -9.000 -9.000 -999. 98. 18.2 0.0310 0.32 1.00 1.89 329.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 4 4 94 23 -4.1 0.084 -9.000 -9.000 -999. 59. 12.9 0.0310 0.32 1.00 1.35 311.0 10.0 285.9 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 4 4 94 24 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0310 0.32 1.00 1.50 311.0 10.0 284.9 2.0 0
0.00 92. 1010. 5 ADJ-A1 NoSubs
19 4 5 95 1 -4.0 0.082 -9.000 -9.000 -999. 57. 12.6 0.0300 0.32 1.00 1.33 13.0 10.0 284.2 2.0 0
0.00 92. 1011. 7 ADJ-A1 NoSubs
19 4 5 95 2 -3.9 0.081 -9.000 -9.000 -999. 55. 12.3 0.0250 0.32 1.00 1.35 297.0 10.0 285.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 4 5 95 3 -8.6 0.122 -9.000 -9.000 -999. 103. 19.1 0.0370 0.32 1.00 1.89 173.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 5 95 4 -6.5 0.105 -9.000 -9.000 -999. 82. 16.2 0.0340 0.32 1.00 1.67 122.0 10.0 284.9 2.0 0
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19 4 5 95 5 -4.5 0.088 -9.000 -9.000 -999. 62. 13.3 0.0300 0.32 1.00 1.42 107.0 10.0 284.9 2.0 0
0.00 85. 1009. 10 ADJ-A1 NoSubs
19 4 5 95 6 -4.3 0.084 -9.000 -9.000 -999. 59. 12.6 0.0230 0.32 1.00 1.43 188.0 10.0 284.2 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 4 5 95 7 -4.3 0.095 -9.000 -9.000 -999. 71. 18.2 0.0230 0.32 0.44 1.60 186.0 10.0 284.9 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
19 4 5 95 8 5.2 0.101 0.270 0.005 134. 77. -17.6 0.0270 0.32 0.25 1.28 71.0 10.0 285.4 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
19 4 5 95 9 13.3 0.102 0.435 0.005 223. 79. -7.3 0.0310 0.32 0.19 1.16 326.0 10.0 285.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 4 5 95 10 19.8 0.128 0.614 0.005 421. 109. -9.5 0.0250 0.32 0.17 1.55 289.0 10.0 285.4 2.0 11
0.50 89. 1012. 10 ADJ-A1 NoSubs
19 4 5 95 11 24.3 0.128 0.730 0.005 577. 109. -7.7 0.0250 0.32 0.16 1.52 270.0 10.0 284.9 2.0 11
2.80 92. 1013. 10 ADJ-A1 NoSubs
19 4 5 95 12 27.0 0.271 0.812 0.005 714. 338. -66.5 0.0300 0.32 0.16 3.68 90.0 10.0 285.9 2.0 11
1.30 92. 1011. 10 ADJ-A1 NoSubs
19 4 5 95 13 27.4 0.202 0.855 0.005 822. 220. -27.3 0.0310 0.32 0.16 2.59 306.0 10.0 286.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 4 5 95 14 25.9 0.195 0.849 0.005 851. 207. -25.9 0.0280 0.32 0.16 2.54 256.0 10.0 288.1 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 4 5 95 15 76.1 0.181 1.251 0.005 929. 185. -7.0 0.0280 0.32 0.17 2.08 265.0 10.0 288.8 2.0 0
0.00 74. 1011. 7 ADJ-A1 NoSubs
19 4 5 95 16 68.8 0.199 1.238 0.005 995. 212. -10.2 0.0340 0.32 0.18 2.28 212.0 10.0 289.9 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
19 4 5 95 17 8.6 0.210 0.622 0.005 1001. 230. -96.1 0.0280 0.32 0.22 2.93 266.0 10.0 288.8 2.0 0
0.00 66. 1011. 10 ADJ-A1 NoSubs
19 4 5 95 18 -0.8 0.212 -9.000 -9.000 -999. 235. 1146.7 0.0250 0.32 0.35 3.20 283.0 10.0 287.0 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 4 5 95 19 -8.5 0.120 -9.000 -9.000 -999. 103. 18.2 0.0250 0.32 1.00 1.98 277.0 10.0 285.9 2.0 0
0.00 89. 1012. 3 ADJ-A1 NoSubs
19 4 5 95 20 -3.0 0.072 -9.000 -9.000 -999. 47. 11.4 0.0280 0.32 1.00 1.13 263.0 10.0 285.4 2.0 0

0.00 92. 1012. 0 ADJ-A1 NoSubs
19 4 5 95 21 -3.7 0.080 -9.000 -9.000 -999. 54. 12.3 0.0300 0.32 1.00 1.28 14.0 10.0 284.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 4 5 95 22 -7.8 0.116 -9.000 -9.000 -999. 95. 18.0 0.0360 0.32 1.00 1.81 337.0 10.0 284.2 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 4 5 95 23 -8.7 0.122 -9.000 -9.000 -999. 102. 18.7 0.0310 0.32 1.00 1.94 329.0 10.0 283.1 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
19 4 5 95 24 -12.4 0.147 -9.000 -9.000 -999. 135. 23.8 0.0360 0.32 1.00 2.25 337.0 10.0 283.1 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
19 4 6 96 1 -14.2 0.158 -9.000 -9.000 -999. 150. 27.3 0.0360 0.32 1.00 2.40 344.0 10.0 282.5 2.0 0
0.00 96. 1013. 0 ADJ-A1 NoSubs
19 4 6 96 2 -11.2 0.140 -9.000 -9.000 -999. 126. 22.0 0.0360 0.32 1.00 2.15 340.0 10.0 283.8 2.0 0
0.00 92. 1013. 5 ADJ-A1 NoSubs
19 4 6 96 3 -11.6 0.142 -9.000 -9.000 -999. 128. 22.4 0.0360 0.32 1.00 2.18 349.0 10.0 284.2 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 4 6 96 4 -5.0 0.092 -9.000 -9.000 -999. 68. 14.2 0.0360 0.32 1.00 1.45 358.0 10.0 284.2 2.0 0
0.00 92. 1012. 5 ADJ-A1 NoSubs
19 4 6 96 5 -3.6 0.079 -9.000 -9.000 -999. 53. 12.0 0.0270 0.32 1.00 1.28 80.0 10.0 284.2 2.0 0
0.00 92. 1012. 5 ADJ-A1 NoSubs
19 4 6 96 6 -4.0 0.083 -9.000 -9.000 -999. 57. 12.9 0.0370 0.32 1.00 1.28 151.0 10.0 284.2 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 4 6 96 7 -1.0 0.153 -9.000 -9.000 -999. 144. 334.9 0.0340 0.32 0.43 2.22 143.0 10.0 284.9 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
19 4 6 96 8 25.5 0.113 0.510 0.005 188. 91. -5.1 0.0300 0.32 0.24 1.23 41.0 10.0 285.9 2.0 0
0.00 86. 1013. 7 ADJ-A1 NoSubs
19 4 6 96 9 13.7 0.120 0.479 0.005 288. 100. -11.3 0.0310 0.32 0.19 1.42 301.0 10.0 287.0 2.0 0
0.00 80. 1014. 10 ADJ-A1 NoSubs
19 4 6 96 10 20.4 0.101 0.616 0.005 414. 77. -4.6 0.0300 0.32 0.17 1.09 1.0 10.0 288.1 2.0 0
0.00 71. 1015. 10 ADJ-A1 NoSubs
19 4 6 96 11 25.2 0.175 0.718 0.005 531. 175. -19.2 0.0280 0.32 0.16 2.22 243.0 10.0 289.2 2.0 0
0.00 77. 1015. 10 ADJ-A1 NoSubs
19 4 6 96 12 27.8 0.285 0.787 0.005 634. 365. -75.2 0.0340 0.32 0.16 3.80 233.0 10.0 289.9 2.0 0
0.00 77. 1016. 10 ADJ-A1 NoSubs
19 4 6 96 13 28.2 0.305 0.823 0.006 715. 404. -90.9 0.0280 0.32 0.16 4.25 246.0 10.0 290.1 2.0 0
0.00 77. 1016. 10 ADJ-A1 NoSubs
19 4 6 96 14 88.9 0.323 1.250 0.007 796. 440. -34.2 0.0340 0.32 0.16 4.12 235.0 10.0 290.4 2.0 0
0.00 77. 1015. 7 ADJ-A1 NoSubs
19 4 6 96 15 95.1 0.322 1.323 0.008 882. 438. -31.6 0.0280 0.32 0.17 4.24 257.0 10.0 290.4 2.0 0
0.00 75. 1015. 3 ADJ-A1 NoSubs
19 4 6 96 16 58.3 0.274 1.145 0.009 931. 345. -31.8 0.0280 0.32 0.18 3.61 267.0 10.0 289.9 2.0 0
0.00 77. 1015. 7 ADJ-A1 NoSubs
19 4 6 96 17 34.6 0.280 0.972 0.009 958. 356. -57.6 0.0280 0.32 0.22 3.83 257.0 10.0 289.2 2.0 0
0.00 80. 1015. 7 ADJ-A1 NoSubs
19 4 6 96 18 7.9 0.232 0.594 0.009 963. 269. -143.9 0.0280 0.32 0.35 3.29 254.0 10.0 288.1 2.0 0
0.00 86. 1015. 3 ADJ-A1 NoSubs
19 4 6 96 19 -16.0 0.167 -9.000 -9.000 -999. 165. 30.6 0.0280 0.32 1.00 2.64 256.0 10.0 286.4 2.0 0
0.00 92. 1015. 3 ADJ-A1 NoSubs
19 4 6 96 20 -7.5 0.113 -9.000 -9.000 -999. 91. 17.2 0.0280 0.32 1.00 1.84 261.0 10.0 287.0 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
19 4 6 96 21 -6.2 0.102 -9.000 -9.000 -999. 78. 15.3 0.0250 0.32 1.00 1.70 281.0 10.0 287.0 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
19 4 6 96 22 -9.3 0.125 -9.000 -9.000 -999. 106. 19.1 0.0250 0.32 1.00 2.06 275.0 10.0 287.0 2.0 0
0.00 92. 1018. 10 ADJ-A1 NoSubs
19 4 6 96 23 -5.9 0.098 -9.000 -9.000 -999. 74. 14.8 0.0250 0.32 1.00 1.65 293.0 10.0 286.4 2.0 0

0.00 92. 1018. 10 ADJ-A1 NoSubs
19 4 6 96 24 -2.4 0.067 -9.000 -9.000 -999. 41. 11.4 0.0310 0.32 1.00 0.96 303.0 10.0 286.4 2.0 0
0.00 92. 1018. 10 ADJ-A1 NoSubs
19 4 7 97 1 -3.0 0.073 -9.000 -9.000 -999. 47. 11.9 0.0360 0.32 1.00 1.09 332.0 10.0 286.4 2.0 0
0.00 92. 1019. 10 ADJ-A1 NoSubs
19 4 7 97 2 -6.0 0.101 -9.000 -9.000 -999. 77. 15.6 0.0360 0.32 1.00 1.59 334.0 10.0 285.9 2.0 0
0.00 92. 1019. 10 ADJ-A1 NoSubs
19 4 7 97 3 -4.3 0.085 -9.000 -9.000 -999. 59. 12.9 0.0300 0.32 1.00 1.37 39.0 10.0 285.9 2.0 0
0.00 92. 1018. 7 ADJ-A1 NoSubs
19 4 7 97 4 -4.6 0.088 -9.000 -9.000 -999. 62. 13.3 0.0300 0.32 1.00 1.42 27.0 10.0 284.9 2.0 0
0.00 96. 1018. 0 ADJ-A1 NoSubs
19 4 7 97 5 -6.3 0.103 -9.000 -9.000 -999. 79. 15.7 0.0300 0.32 1.00 1.67 1.0 10.0 284.9 2.0 0
0.00 92. 1018. 7 ADJ-A1 NoSubs
19 4 7 97 6 -8.4 0.120 -9.000 -9.000 -999. 99. 18.6 0.0360 0.32 1.00 1.86 345.0 10.0 284.2 2.0 0
0.00 96. 1020. 0 ADJ-A1 NoSubs
19 4 7 97 7 -2.1 0.077 -9.000 -9.000 -999. 51. 19.6 0.0300 0.32 0.43 1.23 19.0 10.0 285.4 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
19 4 7 97 8 28.3 0.095 0.618 0.006 303. 70. -2.8 0.0280 0.32 0.24 0.97 241.0 10.0 287.0 2.0 0
0.00 86. 1020. 0 ADJ-A1 NoSubs
19 4 7 97 9 60.7 0.141 0.857 0.005 377. 128. -4.2 0.0370 0.32 0.19 1.43 176.0 10.0 288.8 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
19 4 7 97 10 87.1 0.135 1.021 0.005 444. 120. -2.6 0.0230 0.32 0.17 1.43 198.0 10.0 291.4 2.0 0
0.00 72. 1020. 0 ADJ-A1 NoSubs
19 4 7 97 11 105.6 0.226 1.163 0.005 543. 258. -9.9 0.0340 0.32 0.16 2.59 217.0 10.0 292.5 2.0 0
0.00 70. 1020. 0 ADJ-A1 NoSubs
19 4 7 97 12 115.6 0.222 1.409 0.006 881. 252. -8.6 0.0230 0.32 0.16 2.72 205.0 10.0 293.1 2.0 0
0.00 69. 1020. 0 ADJ-A1 NoSubs
19 4 7 97 13 117.1 0.246 1.492 0.007 1031. 293. -11.5 0.0340 0.32 0.16 2.86 228.0 10.0 293.8 2.0 0
0.00 65. 1019. 0 ADJ-A1 NoSubs
19 4 7 97 14 109.8 0.322 1.492 0.008 1101. 438. -27.5 0.0280 0.32 0.16 4.20 261.0 10.0 293.1 2.0 0
0.00 69. 1018. 0 ADJ-A1 NoSubs
19 4 7 97 15 94.1 0.312 1.439 0.008 1150. 418. -29.3 0.0280 0.32 0.17 4.09 265.0 10.0 293.1 2.0 0
0.00 67. 1018. 0 ADJ-A1 NoSubs
19 4 7 97 16 70.7 0.277 1.322 0.008 1187. 350. -27.2 0.0280 0.32 0.18 3.61 261.0 10.0 293.8 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
19 4 7 97 17 39.9 0.263 1.098 0.008 1204. 323. -41.1 0.0280 0.32 0.22 3.52 261.0 10.0 292.0 2.0 0
0.00 69. 1018. 0 ADJ-A1 NoSubs
19 4 7 97 18 5.3 0.229 0.560 0.008 1203. 264. -206.5 0.0340 0.32 0.34 3.17 213.0 10.0 289.2 2.0 0
0.00 83. 1017. 0 ADJ-A1 NoSubs
19 4 7 97 19 -22.4 0.225 -9.000 -9.000 -999. 257. 55.9 0.0230 0.32 1.00 3.63 181.0 10.0 287.0 2.0 0
0.00 96. 1018. 7 ADJ-A1 NoSubs
19 4 7 97 20 -14.1 0.158 -9.000 -9.000 -999. 152. 27.4 0.0370 0.32 1.00 2.39 155.0 10.0 287.0 2.0 0
0.00 96. 1019. 10 ADJ-A1 NoSubs
19 4 7 97 21 -13.1 0.151 -9.000 -9.000 -999. 141. 25.1 0.0340 0.32 1.00 2.33 130.0 10.0 287.0 2.0 0
0.00 96. 1020. 10 ADJ-A1 NoSubs
19 4 7 97 22 -8.6 0.121 -9.000 -9.000 -999. 101. 18.7 0.0300 0.32 1.00 1.94 114.0 10.0 287.0 2.0 0
0.00 92. 1019. 10 ADJ-A1 NoSubs
19 4 7 97 23 -7.1 0.109 -9.000 -9.000 -999. 86. 16.5 0.0270 0.32 1.00 1.79 84.0 10.0 287.0 2.0 0
0.00 92. 1019. 10 ADJ-A1 NoSubs
19 4 7 97 24 -3.2 0.075 -9.000 -9.000 -999. 49. 11.8 0.0300 0.32 1.00 1.18 14.0 10.0 287.0 2.0 0
0.00 92. 1019. 10 ADJ-A1 NoSubs
19 4 8 98 1 -3.3 0.076 -9.000 -9.000 -999. 50. 11.9 0.0300 0.32 1.00 1.20 14.0 10.0 286.4 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 4 8 98 2 -4.4 0.086 -9.000 -9.000 -999. 61. 13.3 0.0360 0.32 1.00 1.35 346.0 10.0 285.4 2.0 0

0.00 96. 1018. 0 ADJ-A1 NoSubs
19 4 8 98 3 -3.2 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.32 1.00 1.14 355.0 10.0 285.4 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
19 4 8 98 4 -4.8 0.090 -9.000 -9.000 -999. 65. 13.9 0.0360 0.32 1.00 1.42 354.0 10.0 284.9 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
19 4 8 98 5 -7.1 0.110 -9.000 -9.000 -999. 87. 16.7 0.0310 0.32 1.00 1.76 310.0 10.0 284.2 2.0 0
0.00 96. 1016. 0 ADJ-A1 NoSubs
19 4 8 98 6 -4.4 0.086 -9.000 -9.000 -999. 61. 13.3 0.0360 0.32 1.00 1.35 342.0 10.0 284.2 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
19 4 8 98 7 -0.9 0.051 -9.000 -9.000 -999. 28. 13.5 0.0310 0.32 0.42 0.82 320.0 10.0 284.9 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
19 4 8 98 8 29.1 0.095 0.577 0.010 239. 70. -2.7 0.0280 0.32 0.24 0.96 249.0 10.0 287.0 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 4 8 98 9 61.5 0.129 0.839 0.009 349. 111. -3.2 0.0230 0.32 0.18 1.40 200.0 10.0 289.2 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
19 4 8 98 10 87.7 0.156 1.037 0.009 461. 148. -3.9 0.0230 0.32 0.17 1.74 186.0 10.0 290.9 2.0 0
0.00 77. 1018. 0 ADJ-A1 NoSubs
19 4 8 98 11 106.2 0.204 1.152 0.008 523. 221. -7.2 0.0230 0.32 0.16 2.45 198.0 10.0 292.5 2.0 0
0.00 75. 1018. 0 ADJ-A1 NoSubs
19 4 8 98 12 115.9 0.318 1.230 0.008 583. 430. -25.1 0.0340 0.32 0.16 3.97 232.0 10.0 292.0 2.0 0
0.00 74. 1018. 0 ADJ-A1 NoSubs
19 4 8 98 13 117.2 0.285 1.276 0.007 644. 366. -17.9 0.0340 0.32 0.16 3.46 222.0 10.0 292.0 2.0 0
0.00 77. 1017. 0 ADJ-A1 NoSubs
19 4 8 98 14 109.9 0.338 1.324 0.008 767. 471. -31.8 0.0340 0.32 0.16 4.29 225.0 10.0 291.4 2.0 0
0.00 80. 1017. 0 ADJ-A1 NoSubs
19 4 8 98 15 94.6 0.294 1.313 0.009 868. 383. -24.3 0.0340 0.32 0.17 3.66 220.0 10.0 293.1 2.0 0
0.00 72. 1016. 0 ADJ-A1 NoSubs
19 4 8 98 16 71.0 0.315 1.211 0.009 907. 425. -40.0 0.0250 0.32 0.18 4.31 274.0 10.0 293.1 2.0 0
0.00 69. 1016. 0 ADJ-A1 NoSubs
19 4 8 98 17 9.3 0.296 0.616 0.009 907. 387. -252.7 0.0250 0.32 0.21 4.34 277.0 10.0 290.4 2.0 0
0.00 83. 1016. 10 ADJ-A1 NoSubs
19 4 8 98 18 0.6 0.345 0.243 0.009 906. 485. -6459.5 0.0250 0.32 0.34 5.16 273.0 10.0 289.2 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
19 4 8 98 19 -7.7 0.115 -9.000 -9.000 -999. 165. 17.8 0.0310 0.32 0.75 1.84 312.0 10.0 290.4 2.0 0
0.00 83. 1016. 10 ADJ-A1 NoSubs
19 4 8 98 20 -18.5 0.188 -9.000 -9.000 -999. 195. 38.7 0.0280 0.32 1.00 2.95 260.0 10.0 288.1 2.0 0
0.00 93. 1016. 10 ADJ-A1 NoSubs
19 4 8 98 21 -17.8 0.179 -9.000 -9.000 -999. 182. 35.3 0.0340 0.32 1.00 2.73 231.0 10.0 287.0 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
19 4 8 98 22 -23.3 0.235 -9.000 -9.000 -999. 274. 60.9 0.0250 0.32 1.00 3.73 280.0 10.0 287.5 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 4 8 98 23 -17.8 0.180 -9.000 -9.000 -999. 184. 35.6 0.0250 0.32 1.00 2.89 287.0 10.0 287.5 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 4 8 98 24 -16.4 0.168 -9.000 -9.000 -999. 165. 31.1 0.0250 0.32 1.00 2.71 277.0 10.0 287.0 2.0 0
0.00 92. 1016. 7 ADJ-A1 NoSubs
19 4 9 99 1 -26.0 0.262 -9.000 -9.000 -999. 322. 75.7 0.0250 0.32 1.00 4.14 270.0 10.0 286.4 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
19 4 9 99 2 -26.1 0.262 -9.000 -9.000 -999. 322. 75.7 0.0250 0.32 1.00 4.14 271.0 10.0 285.4 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
19 4 9 99 3 -19.2 0.192 -9.000 -9.000 -999. 203. 40.5 0.0250 0.32 1.00 3.07 272.0 10.0 283.8 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
19 4 9 99 4 -20.9 0.210 -9.000 -9.000 -999. 230. 48.3 0.0250 0.32 1.00 3.34 294.0 10.0 284.9 2.0 0
0.00 76. 1017. 3 ADJ-A1 NoSubs
19 4 9 99 5 -11.5 0.139 -9.000 -9.000 -999. 126. 21.4 0.0250 0.32 1.00 2.28 277.0 10.0 282.5 2.0 0

0.00 86. 1017. 0 ADJ-A1 NoSubs
19 4 9 99 6 -11.2 0.137 -9.000 -9.000 -999. 122. 21.1 0.0250 0.32 1.00 2.25 299.0 10.0 284.2 2.0 0
0.00 79. 1018. 5 ADJ-A1 NoSubs
19 4 9 99 7 -5.8 0.218 -9.000 -9.000 -999. 244. 161.8 0.0250 0.32 0.41 3.37 297.0 10.0 286.4 2.0 0
0.00 66. 1018. 0 ADJ-A1 NoSubs
19 4 9 99 8 30.1 0.272 0.749 0.005 505. 340. -60.6 0.0250 0.32 0.24 3.80 290.0 10.0 288.1 2.0 0
0.00 61. 1018. 0 ADJ-A1 NoSubs
19 4 9 99 9 62.3 0.345 1.153 0.005 895. 487. -59.9 0.0250 0.32 0.18 4.82 285.0 10.0 289.2 2.0 0
0.00 51. 1018. 0 ADJ-A1 NoSubs
19 4 9 99 10 88.3 0.385 1.331 0.005 970. 574. -58.8 0.0310 0.32 0.17 5.17 305.0 10.0 290.9 2.0 0
0.00 39. 1018. 0 ADJ-A1 NoSubs
19 4 9 99 11 108.6 0.307 1.466 0.005 1055. 413. -24.3 0.0310 0.32 0.16 3.90 319.0 10.0 291.4 2.0 0
0.00 42. 1018. 3 ADJ-A1 NoSubs
19 4 9 99 12 118.5 0.351 1.550 0.005 1142. 499. -33.1 0.0300 0.32 0.16 4.58 29.0 10.0 292.5 2.0 0
0.00 38. 1018. 3 ADJ-A1 NoSubs
19 4 9 99 13 118.0 0.353 1.612 0.005 1290. 503. -33.8 0.0360 0.32 0.16 4.45 355.0 10.0 293.1 2.0 0
0.00 31. 1017. 0 ADJ-A1 NoSubs
19 4 9 99 14 110.9 0.353 1.630 0.006 1418. 504. -36.1 0.0310 0.32 0.16 4.61 322.0 10.0 293.8 2.0 0
0.00 34. 1017. 0 ADJ-A1 NoSubs
19 4 9 99 15 97.2 0.380 1.596 0.006 1519. 563. -51.4 0.0250 0.32 0.17 5.27 299.0 10.0 293.1 2.0 0
0.00 36. 1016. 3 ADJ-A1 NoSubs
19 4 9 99 16 73.6 0.415 1.479 0.007 1594. 642. -88.1 0.0250 0.32 0.18 5.90 296.0 10.0 292.0 2.0 0
0.00 46. 1016. 3 ADJ-A1 NoSubs
19 4 9 99 17 40.5 0.418 1.216 0.007 1608. 649. -163.8 0.0250 0.32 0.21 6.07 280.0 10.0 290.4 2.0 0
0.00 49. 1017. 0 ADJ-A1 NoSubs
19 4 9 99 18 6.3 0.303 0.655 0.007 1610. 410. -400.3 0.0250 0.32 0.34 4.48 285.0 10.0 289.9 2.0 0
0.00 53. 1017. 0 ADJ-A1 NoSubs
19 4 9 99 19 -17.6 0.177 -9.000 -9.000 -999. 189. 34.3 0.0250 0.32 0.74 2.84 279.0 10.0 285.9 2.0 0
0.00 68. 1017. 0 ADJ-A1 NoSubs
19 4 9 99 20 -13.3 0.151 -9.000 -9.000 -999. 141. 25.0 0.0250 0.32 1.00 2.45 281.0 10.0 285.9 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
19 4 9 99 21 -8.6 0.121 -9.000 -9.000 -999. 101. 18.7 0.0310 0.32 1.00 1.93 317.0 10.0 285.4 2.0 0
0.00 74. 1018. 0 ADJ-A1 NoSubs
19 4 9 99 22 -13.0 0.150 -9.000 -9.000 -999. 139. 24.7 0.0310 0.32 1.00 2.35 326.0 10.0 284.2 2.0 0
0.00 76. 1018. 0 ADJ-A1 NoSubs
19 4 9 99 23 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0310 0.32 1.00 1.54 327.0 10.0 283.1 2.0 0
0.00 82. 1019. 0 ADJ-A1 NoSubs
19 4 9 99 24 -7.7 0.115 -9.000 -9.000 -999. 93. 17.7 0.0360 0.32 1.00 1.79 331.0 10.0 282.5 2.0 0
0.00 83. 1019. 0 ADJ-A1 NoSubs
19 4 10 100 1 -5.4 0.095 -9.000 -9.000 -999. 71. 14.6 0.0360 0.32 1.00 1.50 339.0 10.0 280.4 2.0 0
0.00 89. 1019. 0 ADJ-A1 NoSubs
19 4 10 100 2 -7.7 0.115 -9.000 -9.000 -999. 93. 17.7 0.0360 0.32 1.00 1.79 344.0 10.0 280.9 2.0 0
0.00 88. 1019. 0 ADJ-A1 NoSubs
19 4 10 100 3 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0360 0.32 1.00 1.69 330.0 10.0 280.4 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 4 10 100 4 -7.9 0.115 -9.000 -9.000 -999. 93. 17.5 0.0310 0.32 1.00 1.84 323.0 10.0 280.4 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 4 10 100 5 -11.9 0.143 -9.000 -9.000 -999. 130. 22.6 0.0360 0.32 1.00 2.20 332.0 10.0 279.9 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 4 10 100 6 -13.7 0.154 -9.000 -9.000 -999. 145. 26.1 0.0360 0.32 1.00 2.35 340.0 10.0 279.9 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
19 4 10 100 7 -2.3 0.088 -9.000 -9.000 -999. 64. 27.2 0.0310 0.32 0.40 1.37 319.0 10.0 280.9 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
19 4 10 100 8 30.4 0.144 0.613 0.010 275. 132. -9.0 0.0340 0.32 0.23 1.64 225.0 10.0 284.9 2.0 0

0.00 85. 1020. 0 ADJ-A1 NoSubs
19 4 10 100 9 62.7 0.225 0.811 0.008 309. 256. -16.5 0.0340 0.32 0.18 2.71 212.0 10.0 287.5 2.0 0
0.00 66. 1020. 0 ADJ-A1 NoSubs
19 4 10 100 10 88.9 0.264 0.950 0.006 351. 326. -18.9 0.0340 0.32 0.17 3.22 222.0 10.0 290.4 2.0 0
0.00 53. 1020. 0 ADJ-A1 NoSubs
19 4 10 100 11 107.2 0.280 1.079 0.005 427. 355. -18.6 0.0230 0.32 0.16 3.68 201.0 10.0 291.4 2.0 0
0.00 49. 1019. 0 ADJ-A1 NoSubs
19 4 10 100 12 117.6 0.249 1.208 0.005 545. 298. -11.9 0.0300 0.32 0.16 2.98 44.0 10.0 294.2 2.0 0
0.00 24. 1019. 0 ADJ-A1 NoSubs
19 4 10 100 13 119.1 0.264 1.378 0.005 798. 325. -14.0 0.0300 0.32 0.16 3.21 35.0 10.0 295.4 2.0 0
0.00 23. 1018. 0 ADJ-A1 NoSubs
19 4 10 100 14 112.1 0.282 1.433 0.005 955. 359. -18.1 0.0300 0.32 0.16 3.51 31.0 10.0 296.4 2.0 0
0.00 23. 1018. 0 ADJ-A1 NoSubs
19 4 10 100 15 96.3 0.259 1.411 0.005 1060. 317. -16.4 0.0300 0.32 0.17 3.20 23.0 10.0 296.4 2.0 0
0.00 23. 1017. 0 ADJ-A1 NoSubs
19 4 10 100 16 71.9 0.269 1.306 0.005 1123. 334. -24.5 0.0280 0.32 0.18 3.48 244.0 10.0 293.1 2.0 0
0.00 49. 1017. 0 ADJ-A1 NoSubs
19 4 10 100 17 41.9 0.238 1.104 0.005 1166. 279. -29.3 0.0340 0.32 0.21 3.01 226.0 10.0 294.2 2.0 0
0.00 46. 1017. 0 ADJ-A1 NoSubs
19 4 10 100 18 7.7 0.227 0.631 0.005 1173. 260. -137.6 0.0300 0.32 0.33 3.18 18.0 10.0 294.2 2.0 0
0.00 31. 1017. 0 ADJ-A1 NoSubs
19 4 10 100 19 -19.9 0.202 -9.000 -9.000 -999. 218. 45.0 0.0300 0.32 0.73 3.13 105.0 10.0 288.1 2.0 0
0.00 71. 1017. 0 ADJ-A1 NoSubs
19 4 10 100 20 -18.5 0.186 -9.000 -9.000 -999. 192. 38.0 0.0300 0.32 1.00 2.89 91.0 10.0 286.4 2.0 0
0.00 77. 1018. 0 ADJ-A1 NoSubs
19 4 10 100 21 -17.4 0.174 -9.000 -9.000 -999. 175. 33.4 0.0270 0.32 1.00 2.77 89.0 10.0 285.4 2.0 0
0.00 80. 1018. 0 ADJ-A1 NoSubs
19 4 10 100 22 -15.0 0.160 -9.000 -9.000 -999. 154. 28.2 0.0270 0.32 1.00 2.56 73.0 10.0 284.2 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
19 4 10 100 23 -13.1 0.149 -9.000 -9.000 -999. 139. 24.6 0.0270 0.32 1.00 2.40 63.0 10.0 284.2 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
19 4 10 100 24 -6.9 0.108 -9.000 -9.000 -999. 85. 16.4 0.0300 0.32 1.00 1.74 39.0 10.0 283.8 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
19 4 11 101 1 -7.5 0.112 -9.000 -9.000 -999. 90. 17.1 0.0300 0.32 1.00 1.81 29.0 10.0 283.1 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
19 4 11 101 2 -5.4 0.095 -9.000 -9.000 -999. 71. 14.6 0.0360 0.32 1.00 1.50 350.0 10.0 282.0 2.0 0
0.00 89. 1017. 0 ADJ-A1 NoSubs
19 4 11 101 3 -9.1 0.125 -9.000 -9.000 -999. 106. 19.4 0.0360 0.32 1.00 1.94 341.0 10.0 281.4 2.0 0
0.00 92. 1016. 5 ADJ-A1 NoSubs
19 4 11 101 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0360 0.32 1.00 1.76 340.0 10.0 281.4 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
19 4 11 101 5 -3.2 0.075 -9.000 -9.000 -999. 50. 12.0 0.0360 0.32 1.00 1.14 359.0 10.0 282.0 2.0 0
0.00 95. 1016. 10 ADJ-A1 NoSubs
19 4 11 101 6 -2.9 0.072 -9.000 -9.000 -999. 46. 11.5 0.0300 0.32 1.00 1.11 5.0 10.0 282.0 2.0 0
0.00 100. 1016. 10 ADJ-A1 NoSubs
19 4 11 101 7 -1.7 0.064 -9.000 -9.000 -999. 39. 13.9 0.0300 0.32 0.40 1.04 2.0 10.0 282.0 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
19 4 11 101 8 28.3 0.082 0.562 0.010 226. 57. -1.8 0.0300 0.32 0.23 0.77 95.0 10.0 283.1 2.0 0
0.00 96. 1017. 7 ADJ-A1 NoSubs
19 4 11 101 9 53.3 0.131 0.822 0.010 378. 114. -3.8 0.0340 0.32 0.18 1.33 216.0 10.0 284.9 2.0 0
0.00 92. 1017. 7 ADJ-A1 NoSubs
19 4 11 101 10 89.0 0.164 1.049 0.009 470. 159. -4.5 0.0370 0.32 0.17 1.67 165.0 10.0 287.0 2.0 0
0.00 83. 1016. 0 ADJ-A1 NoSubs
19 4 11 101 11 107.4 0.150 1.151 0.008 515. 139. -2.8 0.0370 0.32 0.16 1.43 158.0 10.0 289.2 2.0 0

0.00 71. 1016. 0 ADJ-A1 NoSubs
19 4 11 101 12 117.3 0.190 1.220 0.008 561. 198. -5.3 0.0230 0.32 0.16 2.20 183.0 10.0 290.4 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
19 4 11 101 13 114.7 0.233 1.240 0.007 602. 269. -9.9 0.0230 0.32 0.16 2.89 184.0 10.0 290.4 2.0 0
0.00 64. 1014. 5 ADJ-A1 NoSubs
19 4 11 101 14 108.2 0.187 1.274 0.006 691. 194. -5.4 0.0340 0.32 0.16 1.99 142.0 10.0 292.0 2.0 0
0.00 58. 1013. 5 ADJ-A1 NoSubs
19 4 11 101 15 78.9 0.281 1.186 0.005 763. 358. -25.4 0.0250 0.32 0.17 3.73 280.0 10.0 292.0 2.0 0
0.00 36. 1012. 7 ADJ-A1 NoSubs
19 4 11 101 16 60.2 0.335 1.105 0.005 810. 465. -56.2 0.0250 0.32 0.18 4.66 290.0 10.0 289.9 2.0 0
0.00 55. 1011. 7 ADJ-A1 NoSubs
19 4 11 101 17 41.3 0.396 0.989 0.005 846. 599. -136.0 0.0250 0.32 0.21 5.72 289.0 10.0 289.2 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
19 4 11 101 18 6.6 0.382 0.538 0.005 843. 567. -756.5 0.0250 0.32 0.33 5.68 278.0 10.0 286.4 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
19 4 11 101 19 -26.0 0.263 -9.000 -9.000 -999. 332. 76.0 0.0250 0.32 0.72 4.15 270.0 10.0 284.9 2.0 0
0.00 73. 1010. 5 ADJ-A1 NoSubs
19 4 11 101 20 -20.1 0.201 -9.000 -9.000 -999. 218. 44.4 0.0280 0.32 1.00 3.15 256.0 10.0 283.1 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
19 4 11 101 21 -14.8 0.160 -9.000 -9.000 -999. 154. 28.1 0.0280 0.32 1.00 2.54 265.0 10.0 283.1 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
19 4 11 101 22 -4.7 0.089 -9.000 -9.000 -999. 65. 13.5 0.0300 0.32 1.00 1.45 98.0 10.0 283.1 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
19 4 11 101 23 -3.3 0.076 -9.000 -9.000 -999. 50. 11.8 0.0300 0.32 1.00 1.20 50.0 10.0 282.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 4 11 101 24 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0300 0.32 1.00 1.48 22.0 10.0 282.0 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 4 12 102 1 -4.6 0.088 -9.000 -9.000 -999. 63. 13.3 0.0300 0.32 1.00 1.43 40.0 10.0 281.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 4 12 102 2 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0300 0.32 1.00 1.67 17.0 10.0 280.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 3 -8.8 0.123 -9.000 -9.000 -999. 103. 19.0 0.0360 0.32 1.00 1.91 353.0 10.0 280.4 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.77 344.0 10.0 279.9 2.0 0
0.00 88. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 5 -10.3 0.133 -9.000 -9.000 -999. 117. 20.7 0.0360 0.32 1.00 2.06 342.0 10.0 279.2 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 6 -11.0 0.138 -9.000 -9.000 -999. 124. 21.6 0.0360 0.32 1.00 2.13 338.0 10.0 279.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 7 -1.8 0.113 -9.000 -9.000 -999. 91. 70.7 0.0360 0.32 0.39 1.67 344.0 10.0 282.0 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 8 31.9 0.111 0.716 0.011 414. 88. -3.8 0.0300 0.32 0.23 1.16 20.0 10.0 284.2 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 9 63.9 0.137 1.026 0.011 608. 121. -3.6 0.0340 0.32 0.18 1.38 137.0 10.0 285.9 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 10 89.8 0.135 1.167 0.010 638. 118. -2.4 0.0340 0.32 0.17 1.28 149.0 10.0 288.1 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 11 107.9 0.247 1.262 0.009 672. 294. -12.5 0.0230 0.32 0.16 3.13 203.0 10.0 288.8 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 12 117.7 0.299 1.322 0.007 707. 393. -20.5 0.0230 0.32 0.16 3.97 203.0 10.0 289.9 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
19 4 12 102 13 119.0 0.281 1.349 0.006 741. 357. -16.7 0.0230 0.32 0.16 3.66 209.0 10.0 290.9 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
19 4 12 102 14 111.9 0.294 1.339 0.005 771. 383. -20.4 0.0230 0.32 0.16 3.90 197.0 10.0 292.0 2.0 0

0.00 55. 1007. 0 ADJ-A1 NoSubs
19 4 12 102 15 96.3 0.276 1.286 0.005 793. 348. -19.5 0.0340 0.32 0.17 3.37 212.0 10.0 292.5 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 4 12 102 16 72.8 0.214 1.179 0.005 809. 239. -12.1 0.0230 0.32 0.18 2.71 186.0 10.0 293.1 2.0 0
0.00 46. 1006. 0 ADJ-A1 NoSubs
19 4 12 102 17 42.4 0.237 0.989 0.005 817. 277. -28.2 0.0230 0.32 0.21 3.22 185.0 10.0 292.5 2.0 0
0.00 51. 1006. 0 ADJ-A1 NoSubs
19 4 12 102 18 7.7 0.261 0.560 0.005 817. 321. -208.0 0.0370 0.32 0.33 3.56 161.0 10.0 289.9 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
19 4 12 102 19 -25.8 0.264 -9.000 -9.000 -999. 326. 77.0 0.0370 0.32 0.71 3.90 171.0 10.0 287.0 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 4 12 102 20 -11.7 0.143 -9.000 -9.000 -999. 139. 22.6 0.0340 0.32 1.00 2.22 149.0 10.0 285.9 2.0 0
0.00 79. 1007. 0 ADJ-A1 NoSubs
19 4 12 102 21 -8.1 0.118 -9.000 -9.000 -999. 98. 18.3 0.0340 0.32 1.00 1.86 128.0 10.0 285.4 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
19 4 12 102 22 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0300 0.32 1.00 1.60 100.0 10.0 284.9 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 23 -6.1 0.102 -9.000 -9.000 -999. 78. 15.4 0.0300 0.32 1.00 1.65 41.0 10.0 283.8 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 4 12 102 24 -3.8 0.081 -9.000 -9.000 -999. 55. 12.4 0.0300 0.32 1.00 1.30 15.0 10.0 282.5 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
19 4 13 103 1 -6.9 0.108 -9.000 -9.000 -999. 85. 16.3 0.0300 0.32 1.00 1.74 34.0 10.0 282.5 2.0 0
0.00 96. 1009. 7 ADJ-A1 NoSubs
19 4 13 103 2 -7.1 0.110 -9.000 -9.000 -999. 87. 16.7 0.0300 0.32 1.00 1.77 46.0 10.0 283.8 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 4 13 103 3 -5.1 0.092 -9.000 -9.000 -999. 67. 14.0 0.0300 0.32 1.00 1.50 17.0 10.0 282.5 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 4 13 103 4 -4.9 0.091 -9.000 -9.000 -999. 65. 13.6 0.0270 0.32 1.00 1.50 67.0 10.0 283.1 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 4 13 103 5 -4.2 0.084 -9.000 -9.000 -999. 58. 12.7 0.0270 0.32 1.00 1.38 70.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 13 103 6 -4.4 0.086 -9.000 -9.000 -999. 61. 12.9 0.0270 0.32 1.00 1.42 74.0 10.0 282.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 13 103 7 -3.1 0.091 -9.000 -9.000 -999. 66. 21.9 0.0270 0.32 0.38 1.47 74.0 10.0 282.5 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
19 4 13 103 8 6.6 0.101 0.229 0.017 65. 77. -14.1 0.0300 0.32 0.23 1.23 97.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
19 4 13 103 9 64.5 0.103 0.799 0.018 285. 79. -1.5 0.0270 0.32 0.18 0.96 75.0 10.0 284.9 2.0 0
0.00 92. 1011. 5 ADJ-A1 NoSubs
19 4 13 103 10 90.7 0.134 0.934 0.016 324. 118. -2.4 0.0370 0.32 0.17 1.25 179.0 10.0 289.2 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
19 4 13 103 11 109.1 0.175 1.034 0.013 366. 176. -4.5 0.0230 0.32 0.16 1.99 201.0 10.0 292.0 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
19 4 13 103 12 118.9 0.254 1.119 0.010 425. 308. -12.5 0.0340 0.32 0.16 2.98 217.0 10.0 293.1 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 4 13 103 13 120.0 0.294 1.208 0.009 530. 383. -19.1 0.0340 0.32 0.16 3.59 221.0 10.0 293.1 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 4 13 103 14 112.9 0.266 1.198 0.007 549. 329. -15.0 0.0340 0.32 0.16 3.17 227.0 10.0 294.2 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 4 13 103 15 97.0 0.266 1.149 0.005 564. 329. -17.5 0.0280 0.32 0.17 3.35 263.0 10.0 293.8 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
19 4 13 103 16 73.6 0.240 1.055 0.005 575. 282. -16.9 0.0280 0.32 0.18 3.01 247.0 10.0 294.2 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 4 13 103 17 42.1 0.316 0.881 0.005 585. 427. -67.7 0.0230 0.32 0.21 4.51 194.0 10.0 288.8 2.0 0

0.00 77. 1010. 0 ADJ-A1 NoSubs
19 4 13 103 18 7.7 0.209 0.502 0.005 587. 235. -106.0 0.0340 0.32 0.32 2.83 147.0 10.0 287.5 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 4 13 103 19 -17.8 0.182 -9.000 -9.000 -999. 186. 36.4 0.0370 0.32 0.70 2.73 171.0 10.0 285.9 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 4 13 103 20 -20.4 0.206 -9.000 -9.000 -999. 225. 46.8 0.0340 0.32 1.00 3.12 143.0 10.0 285.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 4 13 103 21 -18.1 0.183 -9.000 -9.000 -999. 187. 36.6 0.0340 0.32 1.00 2.78 143.0 10.0 284.9 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 4 13 103 22 -9.9 0.130 -9.000 -9.000 -999. 114. 20.2 0.0300 0.32 1.00 2.08 111.0 10.0 284.9 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 4 13 103 23 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0300 0.32 1.00 1.43 40.0 10.0 284.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 4 13 103 24 -4.9 0.090 -9.000 -9.000 -999. 65. 13.7 0.0300 0.32 1.00 1.47 51.0 10.0 283.8 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 4 14 104 1 -4.1 0.084 -9.000 -9.000 -999. 58. 12.8 0.0300 0.32 1.00 1.35 47.0 10.0 283.8 2.0 0
0.00 92. 1010. 7 ADJ-A1 NoSubs
19 4 14 104 2 -2.5 0.068 -9.000 -9.000 -999. 42. 11.4 0.0310 0.32 1.00 0.99 325.0 10.0 283.1 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 14 104 3 -7.7 0.114 -9.000 -9.000 -999. 93. 17.4 0.0300 0.32 1.00 1.84 41.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 14 104 4 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0270 0.32 1.00 1.42 62.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 14 104 5 -5.5 0.097 -9.000 -9.000 -999. 72. 14.6 0.0300 0.32 1.00 1.57 57.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 4 14 104 6 -8.8 0.122 -9.000 -9.000 -999. 103. 18.8 0.0300 0.32 1.00 1.96 51.0 10.0 283.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 14 104 7 -4.7 0.129 -9.000 -9.000 -999. 111. 41.1 0.0270 0.32 0.38 2.03 68.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 14 104 8 6.8 0.144 0.440 0.025 453. 131. -39.9 0.0340 0.32 0.23 1.86 141.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 14 104 9 14.8 0.107 0.591 0.025 501. 85. -7.6 0.0230 0.32 0.18 1.30 203.0 10.0 284.2 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 14 104 10 74.9 0.142 1.035 0.024 533. 128. -3.4 0.0340 0.32 0.17 1.42 215.0 10.0 286.4 2.0 0
0.00 83. 1010. 7 ADJ-A1 NoSubs
19 4 14 104 11 111.0 0.160 1.195 0.023 554. 154. -3.3 0.0230 0.32 0.16 1.75 183.0 10.0 288.8 2.0 0
0.00 79. 1010. 3 ADJ-A1 NoSubs
19 4 14 104 12 118.7 0.263 1.235 0.021 571. 324. -13.8 0.0340 0.32 0.16 3.12 223.0 10.0 289.9 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 4 14 104 13 119.8 0.306 1.248 0.020 584. 407. -21.6 0.0340 0.32 0.16 3.78 212.0 10.0 289.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 4 14 104 14 112.5 0.244 1.230 0.018 595. 290. -11.6 0.0230 0.32 0.16 3.07 199.0 10.0 290.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 4 14 104 15 96.9 0.243 1.177 0.017 605. 287. -13.2 0.0370 0.32 0.17 2.81 151.0 10.0 291.4 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
19 4 14 104 16 73.3 0.313 1.077 0.016 612. 420. -37.5 0.0340 0.32 0.18 4.02 131.0 10.0 290.9 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
19 4 14 104 17 42.6 0.324 0.901 0.016 615. 442. -71.4 0.0300 0.32 0.21 4.41 116.0 10.0 288.8 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 4 14 104 18 8.1 0.332 0.519 0.016 616. 459. -405.1 0.0340 0.32 0.32 4.65 125.0 10.0 287.0 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 4 14 104 19 -29.5 0.303 -9.000 -9.000 -999. 401. 100.9 0.0340 0.32 0.69 4.51 132.0 10.0 284.9 2.0 0
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19 4 14 104 20 -23.0 0.232 -9.000 -9.000 -999. 270. 59.2 0.0300 0.32 1.00 3.57 110.0 10.0 284.2 2.0 0

0.00 89. 1007. 3 ADJ-A1 NoSubs
19 4 14 104 21 -11.9 0.143 -9.000 -9.000 -999. 133. 22.4 0.0270 0.32 1.00 2.30 78.0 10.0 284.2 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 4 14 104 22 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0300 0.32 1.00 1.55 53.0 10.0 284.2 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 4 14 104 23 -3.3 0.076 -9.000 -9.000 -999. 50. 11.8 0.0300 0.32 1.00 1.20 22.0 10.0 283.8 2.0 0
0.00 85. 1007. 0 ADJ-A1 NoSubs
19 4 14 104 24 -2.4 0.067 -9.000 -9.000 -999. 42. 11.7 0.0360 0.32 1.00 0.94 339.0 10.0 283.8 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 4 15 105 1 -2.3 0.067 -9.000 -9.000 -999. 41. 11.4 0.0300 0.32 1.00 0.96 26.0 10.0 283.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 4 15 105 2 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0300 0.32 1.00 1.38 9.0 10.0 283.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 4 15 105 3 -3.3 0.075 -9.000 -9.000 -999. 50. 11.8 0.0310 0.32 1.00 1.18 327.0 10.0 283.1 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
19 4 15 105 4 -2.7 0.071 -9.000 -9.000 -999. 45. 11.7 0.0360 0.32 1.00 1.04 334.0 10.0 283.1 2.0 0
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19 4 15 105 5 -2.6 0.069 -9.000 -9.000 -999. 44. 11.4 0.0300 0.32 1.00 1.04 7.0 10.0 282.5 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 4 15 105 6 -3.0 0.073 -9.000 -9.000 -999. 47. 11.6 0.0300 0.32 1.00 1.13 33.0 10.0 283.1 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
19 4 15 105 7 -1.2 0.059 -9.000 -9.000 -999. 35. 15.9 0.0300 0.32 0.37 0.96 31.0 10.0 283.8 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 4 15 105 8 30.9 0.130 0.659 0.012 333. 113. -6.4 0.0310 0.32 0.22 1.45 302.0 10.0 284.2 2.0 0
0.00 89. 1007. 7 ADJ-A1 NoSubs
19 4 15 105 9 66.1 0.125 0.879 0.010 369. 106. -2.6 0.0370 0.32 0.18 1.18 160.0 10.0 285.9 2.0 0
0.00 79. 1007. 0 ADJ-A1 NoSubs
19 4 15 105 10 91.7 0.144 1.015 0.009 409. 132. -3.0 0.0230 0.32 0.17 1.55 206.0 10.0 288.1 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
19 4 15 105 11 109.6 0.298 1.116 0.007 456. 391. -21.7 0.0340 0.32 0.16 3.68 219.0 10.0 288.8 2.0 0
0.00 71. 1007. 0 ADJ-A1 NoSubs
19 4 15 105 12 119.0 0.352 1.193 0.005 513. 501. -32.9 0.0280 0.32 0.16 4.65 244.0 10.0 288.8 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
19 4 15 105 13 121.6 0.399 1.240 0.005 564. 605. -47.0 0.0280 0.32 0.16 5.39 248.0 10.0 287.5 2.0 0
0.00 69. 1007. 3 ADJ-A1 NoSubs
19 4 15 105 14 26.8 0.315 0.763 0.005 593. 428. -104.2 0.0280 0.32 0.16 4.41 269.0 10.0 286.4 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
19 4 15 105 15 22.8 0.350 0.737 0.005 630. 498. -169.5 0.0280 0.32 0.17 4.99 263.0 10.0 285.9 2.0 0
0.00 73. 1007. 10 ADJ-A1 NoSubs
19 4 15 105 16 16.8 0.332 0.674 0.005 654. 460. -196.1 0.0280 0.32 0.18 4.75 257.0 10.0 285.4 2.0 0
0.00 76. 1008. 10 ADJ-A1 NoSubs
19 4 15 105 17 9.1 0.218 0.553 0.005 665. 251. -101.7 0.0280 0.32 0.21 3.05 256.0 10.0 284.2 2.0 11
0.30 82. 1007. 10 ADJ-A1 NoSubs
19 4 15 105 18 0.5 0.176 0.210 0.005 664. 178. -981.7 0.0340 0.32 0.32 2.49 236.0 10.0 283.8 2.0 11
0.50 89. 1008. 10 ADJ-A1 NoSubs
19 4 15 105 19 -11.1 0.139 -9.000 -9.000 -999. 125. 21.9 0.0340 0.32 0.68 2.16 215.0 10.0 283.1 2.0 11
0.50 89. 1007. 10 ADJ-A1 NoSubs
19 4 15 105 20 -2.4 0.068 -9.000 -9.000 -999. 44. 11.6 0.0340 0.32 1.00 0.97 225.0 10.0 283.8 2.0 0
0.00 85. 1008. 10 ADJ-A1 NoSubs
19 4 15 105 21 -5.2 0.094 -9.000 -9.000 -999. 69. 14.1 0.0270 0.32 1.00 1.55 85.0 10.0 283.8 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 4 15 105 22 -3.8 0.081 -9.000 -9.000 -999. 55. 12.4 0.0300 0.32 1.00 1.30 43.0 10.0 283.1 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 4 15 105 23 -6.1 0.101 -9.000 -9.000 -999. 77. 15.3 0.0300 0.32 1.00 1.64 16.0 10.0 283.1 2.0 11

0.30 92. 1008. 10 ADJ-A1 NoSubs
19 4 15 105 24 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0300 0.32 1.00 1.48 36.0 10.0 283.1 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 4 16 106 1 -2.4 0.068 -9.000 -9.000 -999. 42. 11.3 0.0300 0.32 1.00 0.99 51.0 10.0 283.1 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 4 16 106 2 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0300 0.32 1.00 0.97 40.0 10.0 283.1 2.0 11
0.30 100. 1008. 10 ADJ-A1 NoSubs
19 4 16 106 3 -2.4 0.068 -9.000 -9.000 -999. 42. 11.3 0.0300 0.32 1.00 0.99 46.0 10.0 283.1 2.0 11
0.30 100. 1008. 10 ADJ-A1 NoSubs
19 4 16 106 4 -2.6 0.070 -9.000 -9.000 -999. 44. 11.7 0.0360 0.32 1.00 1.01 335.0 10.0 283.8 2.0 11
0.30 96. 1008. 10 ADJ-A1 NoSubs
19 4 16 106 5 -5.7 0.097 -9.000 -9.000 -999. 73. 14.7 0.0280 0.32 1.00 1.60 240.0 10.0 283.1 2.0 11
0.30 100. 1008. 10 ADJ-A1 NoSubs
19 4 16 106 6 -1.6 0.059 -9.000 -9.000 -999. 35. 11.9 0.0230 0.32 1.00 0.75 190.0 10.0 283.8 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 4 16 106 7 5.4 0.096 0.303 0.005 187. 72. -15.1 0.0280 0.32 0.37 1.20 250.0 10.0 283.8 2.0 0
0.00 96. 1010. 5 ADJ-A1 NoSubs
19 4 16 106 8 35.3 0.151 0.758 0.005 445. 141. -8.8 0.0360 0.32 0.22 1.69 345.0 10.0 285.9 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
19 4 16 106 9 56.2 0.148 1.017 0.005 677. 136. -5.2 0.0310 0.32 0.18 1.60 327.0 10.0 285.9 2.0 0
0.00 71. 1012. 7 ADJ-A1 NoSubs
19 4 16 106 10 21.9 0.196 0.769 0.005 749. 209. -31.1 0.0250 0.32 0.17 2.64 286.0 10.0 287.0 2.0 0
0.00 71. 1012. 10 ADJ-A1 NoSubs
19 4 16 106 11 90.0 0.298 1.293 0.005 867. 391. -26.6 0.0340 0.32 0.16 3.74 227.0 10.0 288.8 2.0 0
0.00 71. 1012. 7 ADJ-A1 NoSubs
19 4 16 106 12 97.3 0.307 1.448 0.007 1128. 408. -26.8 0.0280 0.32 0.16 4.00 242.0 10.0 288.8 2.0 0
0.00 64. 1012. 7 ADJ-A1 NoSubs
19 4 16 106 13 98.2 0.311 1.559 0.009 1396. 416. -27.6 0.0340 0.32 0.16 3.91 233.0 10.0 289.2 2.0 0
0.00 66. 1012. 7 ADJ-A1 NoSubs
19 4 16 106 14 113.4 0.343 1.652 0.008 1439. 482. -32.1 0.0340 0.32 0.16 4.36 228.0 10.0 290.4 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
19 4 16 106 15 97.6 0.365 1.579 0.007 1457. 530. -45.1 0.0280 0.32 0.17 4.92 241.0 10.0 290.4 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
19 4 16 106 16 74.0 0.321 1.443 0.007 1466. 437. -40.2 0.0340 0.32 0.17 4.14 230.0 10.0 290.4 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
19 4 16 106 17 43.7 0.217 1.212 0.007 1471. 248. -21.0 0.0340 0.32 0.21 2.67 212.0 10.0 289.9 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
19 4 16 106 18 9.3 0.178 0.725 0.007 1472. 181. -54.5 0.0370 0.32 0.32 2.30 174.0 10.0 288.8 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
19 4 16 106 19 -17.3 0.179 -9.000 -9.000 -999. 181. 35.1 0.0300 0.32 0.67 2.78 119.0 10.0 287.0 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
19 4 16 106 20 -18.1 0.182 -9.000 -9.000 -999. 187. 36.6 0.0300 0.32 1.00 2.84 106.0 10.0 285.4 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
19 4 16 106 21 -2.0 0.063 -9.000 -9.000 -999. 51. 11.5 0.0280 0.32 1.00 0.87 246.0 10.0 284.2 2.0 0
0.00 89. 1015. 0 ADJ-A1 NoSubs
19 4 16 106 22 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.32 1.00 1.25 341.0 10.0 283.8 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
19 4 16 106 23 -7.4 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.76 348.0 10.0 282.5 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
19 4 16 106 24 -9.6 0.129 -9.000 -9.000 -999. 111. 20.0 0.0360 0.32 1.00 1.99 339.0 10.0 282.0 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 1 -8.6 0.120 -9.000 -9.000 -999. 100. 18.4 0.0300 0.32 1.00 1.93 1.0 10.0 281.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 2 -8.2 0.118 -9.000 -9.000 -999. 97. 18.2 0.0360 0.32 1.00 1.84 345.0 10.0 280.9 2.0 0

0.00 95. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 3 -7.6 0.113 -9.000 -9.000 -999. 91. 17.4 0.0360 0.32 1.00 1.77 346.0 10.0 280.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 4 -11.7 0.142 -9.000 -9.000 -999. 128. 22.2 0.0360 0.32 1.00 2.18 330.0 10.0 280.9 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 5 -10.9 0.137 -9.000 -9.000 -999. 122. 21.4 0.0360 0.32 1.00 2.11 340.0 10.0 280.4 2.0 0
0.00 96. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 6 -6.2 0.102 -9.000 -9.000 -999. 78. 15.3 0.0310 0.32 1.00 1.64 302.0 10.0 279.2 2.0 0
0.00 100. 1018. 0 ADJ-A1 NoSubs
19 4 17 107 7 5.3 0.093 0.278 0.014 146. 68. -13.8 0.0300 0.32 0.36 1.13 93.0 10.0 282.5 2.0 0
0.00 92. 1018. 7 ADJ-A1 NoSubs
19 4 17 107 8 35.7 0.139 0.626 0.013 249. 124. -6.8 0.0300 0.32 0.22 1.57 111.0 10.0 283.8 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 4 17 107 9 67.3 0.149 0.858 0.012 341. 138. -4.5 0.0230 0.32 0.18 1.69 200.0 10.0 285.4 2.0 0
0.00 86. 1018. 0 ADJ-A1 NoSubs
19 4 17 107 10 92.8 0.167 1.038 0.011 437. 164. -4.6 0.0230 0.32 0.17 1.91 189.0 10.0 287.5 2.0 0
0.00 77. 1018. 0 ADJ-A1 NoSubs
19 4 17 107 11 111.0 0.168 1.140 0.010 485. 165. -3.9 0.0340 0.32 0.16 1.71 147.0 10.0 290.4 2.0 0
0.00 72. 1018. 0 ADJ-A1 NoSubs
19 4 17 107 12 120.3 0.300 1.203 0.008 525. 395. -20.4 0.0340 0.32 0.16 3.69 216.0 10.0 290.4 2.0 0
0.00 72. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 13 121.3 0.317 1.238 0.007 568. 428. -23.7 0.0280 0.32 0.16 4.09 260.0 10.0 290.4 2.0 0
0.00 67. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 14 114.3 0.270 1.243 0.005 610. 338. -15.7 0.0280 0.32 0.16 3.37 255.0 10.0 292.5 2.0 0
0.00 60. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 15 98.4 0.262 1.206 0.005 647. 323. -16.6 0.0280 0.32 0.16 3.29 250.0 10.0 292.0 2.0 0
0.00 58. 1016. 0 ADJ-A1 NoSubs
19 4 17 107 16 74.6 0.256 1.151 0.005 742. 311. -20.4 0.0280 0.32 0.17 3.27 240.0 10.0 290.9 2.0 0
0.00 67. 1016. 0 ADJ-A1 NoSubs
19 4 17 107 17 44.2 0.207 0.988 0.005 791. 227. -18.3 0.0340 0.32 0.21 2.52 212.0 10.0 289.9 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
19 4 17 107 18 9.4 0.230 0.590 0.005 789. 264. -117.2 0.0230 0.32 0.31 3.35 192.0 10.0 286.4 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
19 4 17 107 19 -20.8 0.213 -9.000 -9.000 -999. 236. 49.9 0.0370 0.32 0.67 3.17 167.0 10.0 284.9 2.0 0
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19 4 17 107 20 -22.1 0.221 -9.000 -9.000 -999. 250. 53.9 0.0340 0.32 1.00 3.34 146.0 10.0 284.9 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
19 4 17 107 21 -17.0 0.173 -9.000 -9.000 -999. 173. 32.8 0.0340 0.32 1.00 2.64 130.0 10.0 284.2 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 4 17 107 22 -5.8 0.098 -9.000 -9.000 -999. 75. 14.7 0.0270 0.32 1.00 1.62 87.0 10.0 284.2 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
19 4 17 107 23 -4.0 0.083 -9.000 -9.000 -999. 57. 12.6 0.0300 0.32 1.00 1.33 8.0 10.0 283.8 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
19 4 17 107 24 -5.4 0.095 -9.000 -9.000 -999. 71. 14.6 0.0360 0.32 1.00 1.50 338.0 10.0 283.1 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
19 4 18 108 1 -3.0 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.32 1.00 1.09 346.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 4 18 108 2 -8.6 0.121 -9.000 -9.000 -999. 101. 18.5 0.0310 0.32 1.00 1.93 326.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 4 18 108 3 -4.0 0.082 -9.000 -9.000 -999. 56. 12.5 0.0310 0.32 1.00 1.31 325.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 4 18 108 4 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0360 0.32 1.00 1.43 357.0 10.0 281.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
19 4 18 108 5 -3.4 0.077 -9.000 -9.000 -999. 51. 11.9 0.0310 0.32 1.00 1.21 301.0 10.0 281.4 2.0 0

0.00 96. 1015. 0 ADJ-A1 NoSubs
19 4 18 108 6 -3.7 0.079 -9.000 -9.000 -999. 54. 12.2 0.0310 0.32 1.00 1.26 329.0 10.0 282.0 2.0 0
0.00 95. 1015. 0 ADJ-A1 NoSubs
19 4 18 108 7 2.4 0.094 0.111 0.018 21. 69. -31.5 0.0360 0.32 0.36 1.18 341.0 10.0 284.9 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
19 4 18 108 8 37.0 0.110 0.590 0.019 201. 88. -3.3 0.0300 0.32 0.22 1.13 50.0 10.0 287.5 2.0 0
0.00 77. 1015. 0 ADJ-A1 NoSubs
19 4 18 108 9 69.1 0.131 0.792 0.017 260. 113. -2.9 0.0340 0.32 0.18 1.28 139.0 10.0 291.4 2.0 0
0.00 65. 1014. 0 ADJ-A1 NoSubs
19 4 18 108 10 95.2 0.139 0.946 0.016 321. 124. -2.5 0.0340 0.32 0.17 1.33 130.0 10.0 295.9 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
19 4 18 108 11 113.4 0.309 1.065 0.013 385. 412. -23.4 0.0300 0.32 0.16 3.93 106.0 10.0 298.1 2.0 0
0.00 44. 1014. 0 ADJ-A1 NoSubs
19 4 18 108 12 123.0 0.253 1.147 0.012 443. 307. -11.9 0.0300 0.32 0.16 3.03 90.0 10.0 299.2 2.0 0
0.00 41. 1013. 0 ADJ-A1 NoSubs
19 4 18 108 13 123.9 0.242 1.189 0.010 490. 286. -10.4 0.0370 0.32 0.16 2.74 165.0 10.0 299.2 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
19 4 18 108 14 115.7 0.344 1.191 0.008 528. 485. -31.8 0.0280 0.32 0.16 4.54 243.0 10.0 296.4 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
19 4 18 108 15 99.5 0.309 1.164 0.007 572. 413. -26.8 0.0280 0.32 0.16 4.03 263.0 10.0 295.4 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
19 4 18 108 16 75.9 0.240 1.093 0.006 621. 285. -16.5 0.0280 0.32 0.17 3.01 256.0 10.0 294.9 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
19 4 18 108 17 45.2 0.269 0.931 0.006 645. 335. -39.0 0.0230 0.32 0.21 3.73 207.0 10.0 292.5 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
19 4 18 108 18 9.8 0.280 0.557 0.006 638. 356. -203.8 0.0230 0.32 0.31 4.15 205.0 10.0 285.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 4 18 108 19 -14.6 0.159 -9.000 -9.000 -999. 161. 27.9 0.0230 0.32 0.66 2.61 207.0 10.0 284.2 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
19 4 18 108 20 -9.8 0.130 -9.000 -9.000 -999. 113. 20.3 0.0340 0.32 1.00 2.03 225.0 10.0 283.8 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
19 4 18 108 21 -3.3 0.076 -9.000 -9.000 -999. 51. 12.1 0.0340 0.32 1.00 1.18 126.0 10.0 284.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 4 18 108 22 -4.6 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.32 1.00 1.40 138.0 10.0 284.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 4 18 108 23 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0340 0.32 1.00 1.13 213.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
19 4 18 108 24 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0370 0.32 1.00 1.30 155.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
19 4 19 109 1 -2.9 0.072 -9.000 -9.000 -999. 46. 11.5 0.0300 0.32 1.00 1.11 40.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
19 4 19 109 2 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0370 0.32 1.00 0.96 162.0 10.0 283.8 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
19 4 19 109 3 -2.3 0.067 -9.000 -9.000 -999. 41. 11.4 0.0310 0.32 1.00 0.96 320.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 19 109 4 -2.3 0.066 -9.000 -9.000 -999. 41. 11.4 0.0300 0.32 1.00 0.94 15.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 19 109 5 -1.5 0.059 -9.000 -9.000 -999. 35. 12.6 0.0270 0.32 1.00 0.70 84.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 4 19 109 6 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.32 1.00 1.23 311.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 4 19 109 7 -1.5 0.086 -9.000 -9.000 -999. 61. 37.3 0.0280 0.32 0.35 1.35 265.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 19 109 8 7.8 0.096 0.224 0.017 51. 72. -10.2 0.0230 0.32 0.22 1.20 209.0 10.0 284.2 2.0 0

0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 19 109 9 69.2 0.134 0.718 0.016 192. 118. -3.1 0.0370 0.32 0.18 1.30 150.0 10.0 288.8 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 4 19 109 10 94.6 0.174 0.927 0.016 303. 175. -5.0 0.0230 0.32 0.17 2.01 192.0 10.0 290.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 4 19 109 11 112.0 0.297 1.031 0.013 352. 389. -21.1 0.0340 0.32 0.16 3.66 224.0 10.0 290.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
19 4 19 109 12 121.3 0.367 1.121 0.009 418. 532. -36.5 0.0340 0.32 0.16 4.70 217.0 10.0 290.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
19 4 19 109 13 121.7 0.362 1.176 0.009 481. 523. -35.1 0.0340 0.32 0.16 4.63 221.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 4 19 109 14 110.8 0.352 1.212 0.010 579. 502. -35.5 0.0340 0.32 0.16 4.51 224.0 10.0 288.1 2.0 0
0.00 83. 1009. 5 ADJ-A1 NoSubs
19 4 19 109 15 80.6 0.343 1.119 0.010 625. 483. -45.1 0.0340 0.32 0.16 4.46 239.0 10.0 286.4 2.0 0
0.00 86. 1008. 7 ADJ-A1 NoSubs
19 4 19 109 16 17.2 0.262 0.671 0.010 630. 325. -93.8 0.0280 0.32 0.17 3.66 247.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 4 19 109 17 9.6 0.204 0.554 0.010 634. 223. -79.3 0.0250 0.32 0.21 2.89 270.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 4 19 109 18 1.1 0.169 0.270 0.010 634. 166. -389.0 0.0250 0.32 0.31 2.49 277.0 10.0 284.9 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
19 4 19 109 19 -11.3 0.140 -9.000 -9.000 -999. 125. 21.7 0.0250 0.32 0.65 2.28 275.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
19 4 19 109 20 -9.9 0.130 -9.000 -9.000 -999. 113. 20.0 0.0280 0.32 1.00 2.10 261.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 4 19 109 21 -4.3 0.085 -9.000 -9.000 -999. 60. 13.1 0.0340 0.32 1.00 1.35 231.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 4 19 109 22 -9.3 0.127 -9.000 -9.000 -999. 109. 19.8 0.0340 0.32 1.00 1.99 222.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 4 19 109 23 -5.6 0.096 -9.000 -9.000 -999. 72. 14.3 0.0230 0.32 1.00 1.64 199.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 4 19 109 24 -12.2 0.146 -9.000 -9.000 -999. 134. 23.6 0.0370 0.32 1.00 2.23 162.0 10.0 283.8 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
19 4 20 110 1 -7.9 0.116 -9.000 -9.000 -999. 95. 17.8 0.0300 0.32 1.00 1.87 117.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 4 20 110 2 -4.2 0.084 -9.000 -9.000 -999. 58. 12.7 0.0270 0.32 1.00 1.38 72.0 10.0 284.2 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
19 4 20 110 3 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0300 0.32 1.00 1.38 90.0 10.0 284.2 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
19 4 20 110 4 -4.8 0.090 -9.000 -9.000 -999. 65. 13.7 0.0310 0.32 1.00 1.45 304.0 10.0 284.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 4 20 110 5 -5.1 0.092 -9.000 -9.000 -999. 67. 13.9 0.0280 0.32 1.00 1.52 242.0 10.0 284.2 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 4 20 110 6 -6.2 0.102 -9.000 -9.000 -999. 78. 15.4 0.0280 0.32 1.00 1.67 251.0 10.0 284.2 2.0 0
0.00 92. 1008. 7 ADJ-A1 NoSubs
19 4 20 110 7 -1.2 0.126 -9.000 -9.000 -999. 107. 152.2 0.0230 0.32 0.35 1.98 196.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 4 20 110 8 34.0 0.158 0.713 0.010 384. 150. -10.4 0.0280 0.32 0.22 1.89 251.0 10.0 285.9 2.0 0
0.00 89. 1009. 7 ADJ-A1 NoSubs
19 4 20 110 9 16.2 0.181 0.588 0.011 451. 184. -32.7 0.0340 0.32 0.18 2.30 226.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 4 20 110 10 22.7 0.159 0.694 0.012 532. 152. -16.0 0.0340 0.32 0.17 1.91 226.0 10.0 288.1 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 4 20 110 11 27.3 0.246 0.776 0.013 616. 293. -49.0 0.0230 0.32 0.16 3.45 205.0 10.0 289.9 2.0 0

0.00 77. 1010. 10 ADJ-A1 NoSubs
19 4 20 110 12 121.7 0.367 1.309 0.013 664. 533. -36.4 0.0340 0.32 0.16 4.70 232.0 10.0 290.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 4 20 110 13 122.8 0.506 1.329 0.010 689. 862. -94.7 0.0280 0.32 0.16 7.06 253.0 10.0 291.4 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
19 4 20 110 14 115.4 0.453 1.314 0.010 708. 734. -72.4 0.0250 0.32 0.16 6.38 274.0 10.0 292.0 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
19 4 20 110 15 99.3 0.423 1.260 0.010 726. 662. -68.7 0.0250 0.32 0.16 5.95 290.0 10.0 290.9 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
19 4 20 110 16 75.4 0.542 1.172 0.010 769. 957. -190.2 0.0280 0.32 0.17 7.74 267.0 10.0 288.8 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
19 4 20 110 17 47.8 0.487 1.018 0.010 796. 818. -217.1 0.0280 0.32 0.20 6.97 261.0 10.0 287.5 2.0 0
0.00 71. 1010. 3 ADJ-A1 NoSubs
19 4 20 110 18 14.1 0.325 0.680 0.010 804. 466. -219.7 0.0250 0.32 0.31 4.75 273.0 10.0 287.5 2.0 0
0.00 55. 1011. 3 ADJ-A1 NoSubs
19 4 20 110 19 -24.7 0.263 -9.000 -9.000 -999. 327. 76.2 0.0250 0.32 0.64 4.15 288.0 10.0 285.4 2.0 0
0.00 68. 1011. 3 ADJ-A1 NoSubs
19 4 20 110 20 -21.2 0.214 -9.000 -9.000 -999. 238. 50.2 0.0250 0.32 1.00 3.40 288.0 10.0 285.4 2.0 0
0.00 68. 1011. 10 ADJ-A1 NoSubs
19 4 20 110 21 -12.8 0.148 -9.000 -9.000 -999. 138. 24.1 0.0250 0.32 1.00 2.41 290.0 10.0 284.2 2.0 0
0.00 76. 1012. 10 ADJ-A1 NoSubs
19 4 20 110 22 -26.8 0.269 -9.000 -9.000 -999. 335. 79.5 0.0250 0.32 1.00 4.24 276.0 10.0 284.2 2.0 0
0.00 76. 1012. 7 ADJ-A1 NoSubs
19 4 20 110 23 -22.8 0.229 -9.000 -9.000 -999. 264. 57.8 0.0250 0.32 1.00 3.64 283.0 10.0 284.2 2.0 0
0.00 76. 1012. 10 ADJ-A1 NoSubs
19 4 20 110 24 -16.5 0.169 -9.000 -9.000 -999. 167. 31.3 0.0250 0.32 1.00 2.72 274.0 10.0 283.8 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
19 4 21 111 1 -2.9 0.073 -9.000 -9.000 -999. 52. 11.8 0.0360 0.32 1.00 1.08 336.0 10.0 283.8 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
19 4 21 111 2 -5.1 0.093 -9.000 -9.000 -999. 69. 14.3 0.0360 0.32 1.00 1.47 338.0 10.0 282.5 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 4 21 111 3 -4.8 0.090 -9.000 -9.000 -999. 65. 13.6 0.0310 0.32 1.00 1.45 325.0 10.0 282.0 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 4 21 111 4 -5.9 0.099 -9.000 -9.000 -999. 75. 15.0 0.0310 0.32 1.00 1.60 321.0 10.0 280.9 2.0 0
0.00 88. 1013. 10 ADJ-A1 NoSubs
19 4 21 111 5 -8.2 0.118 -9.000 -9.000 -999. 97. 18.3 0.0360 0.32 1.00 1.84 339.0 10.0 281.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 4 21 111 6 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0360 0.32 1.00 1.69 334.0 10.0 282.0 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
19 4 21 111 7 -0.9 0.090 -9.000 -9.000 -999. 65. 70.7 0.0310 0.32 0.34 1.37 328.0 10.0 283.8 2.0 0
0.00 85. 1014. 10 ADJ-A1 NoSubs
19 4 21 111 8 40.7 0.118 0.711 0.015 319. 97. -3.7 0.0300 0.32 0.22 1.23 102.0 10.0 285.9 2.0 0
0.00 73. 1014. 5 ADJ-A1 NoSubs
19 4 21 111 9 72.5 0.149 0.905 0.013 370. 138. -4.1 0.0230 0.32 0.18 1.67 180.0 10.0 287.0 2.0 0
0.00 71. 1014. 3 ADJ-A1 NoSubs
19 4 21 111 10 93.2 0.195 1.072 0.011 478. 206. -7.2 0.0370 0.32 0.17 2.11 177.0 10.0 288.8 2.0 0
0.00 68. 1014. 5 ADJ-A1 NoSubs
19 4 21 111 11 112.6 0.294 1.230 0.010 598. 382. -20.4 0.0340 0.32 0.16 3.61 233.0 10.0 288.1 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
19 4 21 111 12 122.0 0.287 1.307 0.008 663. 370. -17.6 0.0340 0.32 0.16 3.48 229.0 10.0 289.2 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
19 4 21 111 13 122.7 0.341 1.327 0.007 689. 478. -29.3 0.0340 0.32 0.16 4.31 229.0 10.0 288.8 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
19 4 21 111 14 115.7 0.251 1.317 0.005 715. 305. -12.3 0.0370 0.32 0.16 2.88 176.0 10.0 291.4 2.0 0

0.00 62. 1013. 0 ADJ-A1 NoSubs
19 4 21 111 15 100.1 0.251 1.268 0.005 736. 302. -14.3 0.0370 0.32 0.16 2.93 161.0 10.0 292.5 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
19 4 21 111 16 76.1 0.341 1.165 0.005 750. 478. -47.0 0.0340 0.32 0.17 4.44 138.0 10.0 290.4 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 4 21 111 17 45.8 0.301 0.987 0.005 758. 396. -53.5 0.0370 0.32 0.20 3.88 158.0 10.0 289.2 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
19 4 21 111 18 11.5 0.271 0.623 0.005 760. 339. -156.2 0.0370 0.32 0.31 3.66 166.0 10.0 288.1 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
19 4 21 111 19 -20.7 0.220 -9.000 -9.000 -999. 249. 53.4 0.0340 0.32 0.63 3.32 140.0 10.0 286.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
19 4 21 111 20 -17.5 0.176 -9.000 -9.000 -999. 177. 33.9 0.0300 0.32 1.00 2.74 102.0 10.0 284.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
19 4 21 111 21 -20.1 0.201 -9.000 -9.000 -999. 217. 44.7 0.0300 0.32 1.00 3.12 102.0 10.0 284.2 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
19 4 21 111 22 -8.3 0.118 -9.000 -9.000 -999. 100. 17.9 0.0270 0.32 1.00 1.93 62.0 10.0 283.8 2.0 0
0.00 89. 1014. 0 ADJ-A1 NoSubs
19 4 21 111 23 -8.0 0.116 -9.000 -9.000 -999. 95. 17.8 0.0300 0.32 1.00 1.87 49.0 10.0 283.1 2.0 0
0.00 92. 1014. 5 ADJ-A1 NoSubs
19 4 21 111 24 -6.7 0.106 -9.000 -9.000 -999. 83. 16.1 0.0300 0.32 1.00 1.72 44.0 10.0 283.1 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
19 4 22 112 1 -5.2 0.094 -9.000 -9.000 -999. 69. 14.1 0.0300 0.32 1.00 1.52 25.0 10.0 282.0 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 4 22 112 2 -5.7 0.099 -9.000 -9.000 -999. 74. 15.1 0.0360 0.32 1.00 1.55 356.0 10.0 282.0 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 4 22 112 3 -6.3 0.103 -9.000 -9.000 -999. 79. 15.8 0.0360 0.32 1.00 1.62 355.0 10.0 281.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 4 22 112 4 -3.9 0.081 -9.000 -9.000 -999. 56. 12.4 0.0300 0.32 1.00 1.31 4.0 10.0 281.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 4 22 112 5 -3.3 0.076 -9.000 -9.000 -999. 50. 11.8 0.0300 0.32 1.00 1.20 21.0 10.0 282.5 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 4 22 112 6 -3.5 0.077 -9.000 -9.000 -999. 51. 11.8 0.0270 0.32 0.74 1.25 81.0 10.0 282.0 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
19 4 22 112 7 -1.0 0.094 -9.000 -9.000 -999. 69. 71.3 0.0300 0.32 0.34 1.43 99.0 10.0 282.0 2.0 0
0.00 95. 1014. 10 ADJ-A1 NoSubs
19 4 22 112 8 8.3 0.082 0.328 0.025 154. 57. -6.1 0.0230 0.32 0.21 0.97 204.0 10.0 283.8 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
19 4 22 112 9 70.7 0.128 0.790 0.024 251. 110. -2.7 0.0370 0.32 0.18 1.21 159.0 10.0 287.0 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
19 4 22 112 10 96.1 0.161 0.936 0.022 309. 154. -3.9 0.0230 0.32 0.17 1.79 190.0 10.0 289.9 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
19 4 22 112 11 113.9 0.162 1.049 0.020 367. 156. -3.4 0.0230 0.32 0.16 1.77 196.0 10.0 292.0 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
19 4 22 112 12 123.1 0.223 1.109 0.017 400. 252. -8.1 0.0230 0.32 0.16 2.71 200.0 10.0 292.5 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
19 4 22 112 13 123.6 0.286 1.125 0.015 417. 367. -17.1 0.0230 0.32 0.16 3.74 208.0 10.0 291.4 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
19 4 22 112 14 116.0 0.295 1.115 0.012 431. 385. -20.1 0.0230 0.32 0.16 3.91 193.0 10.0 290.9 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 4 22 112 15 100.4 0.239 1.073 0.011 444. 282. -12.3 0.0230 0.32 0.16 3.03 185.0 10.0 292.0 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 4 22 112 16 76.7 0.259 0.988 0.009 454. 317. -20.5 0.0230 0.32 0.17 3.44 184.0 10.0 291.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
19 4 22 112 17 46.5 0.262 0.847 0.008 470. 322. -35.0 0.0230 0.32 0.20 3.61 182.0 10.0 290.4 2.0 0

0.00 72. 1011. 0 ADJ-A1 NoSubs
19 4 22 112 18 12.0 0.236 0.541 0.008 473. 276. -98.5 0.0230 0.32 0.30 3.42 181.0 10.0 288.8 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 4 22 112 19 -19.9 0.213 -9.000 -9.000 -999. 237. 50.0 0.0370 0.32 0.63 3.17 178.0 10.0 286.4 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 4 22 112 20 -12.1 0.146 -9.000 -9.000 -999. 135. 23.3 0.0370 0.32 1.00 2.22 170.0 10.0 285.4 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 4 22 112 21 -11.1 0.139 -9.000 -9.000 -999. 125. 21.8 0.0340 0.32 1.00 2.16 133.0 10.0 284.9 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 4 22 112 22 -4.6 0.088 -9.000 -9.000 -999. 63. 13.4 0.0300 0.32 1.00 1.43 25.0 10.0 284.9 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 4 22 112 23 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0360 0.32 1.00 1.31 346.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 4 22 112 24 -7.3 0.112 -9.000 -9.000 -999. 89. 17.0 0.0310 0.32 1.00 1.79 325.0 10.0 283.1 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
19 4 23 113 1 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.32 1.00 1.37 311.0 10.0 282.0 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
19 4 23 113 2 -2.3 0.066 -9.000 -9.000 -999. 41. 11.4 0.0300 0.32 1.00 0.94 20.0 10.0 282.5 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 4 23 113 3 -5.3 0.095 -9.000 -9.000 -999. 71. 14.6 0.0360 0.32 1.00 1.50 360.0 10.0 282.0 2.0 0
0.00 95. 1010. 0 ADJ-A1 NoSubs
19 4 23 113 4 -11.6 0.142 -9.000 -9.000 -999. 128. 22.3 0.0360 0.32 1.00 2.18 336.0 10.0 282.0 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 4 23 113 5 -11.2 0.140 -9.000 -9.000 -999. 126. 21.9 0.0360 0.32 1.00 2.15 339.0 10.0 282.0 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 4 23 113 6 -3.1 0.073 -9.000 -9.000 -999. 49. 11.6 0.0300 0.32 0.72 1.14 9.0 10.0 282.0 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 4 23 113 7 5.8 0.127 0.181 0.022 36. 108. -31.4 0.0310 0.32 0.33 1.64 315.0 10.0 285.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 4 23 113 8 40.6 0.102 0.530 0.021 132. 78. -2.3 0.0370 0.32 0.21 0.94 161.0 10.0 288.8 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
19 4 23 113 9 72.4 0.137 0.738 0.019 200. 121. -3.2 0.0370 0.32 0.18 1.33 161.0 10.0 292.5 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
19 4 23 113 10 98.0 0.144 0.906 0.016 274. 131. -2.8 0.0370 0.32 0.17 1.37 171.0 10.0 295.9 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
19 4 23 113 11 115.9 0.134 1.016 0.014 326. 118. -1.9 0.0230 0.32 0.16 1.35 201.0 10.0 298.1 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
19 4 23 113 12 125.3 0.193 1.080 0.011 362. 203. -5.2 0.0230 0.32 0.16 2.23 208.0 10.0 299.2 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
19 4 23 113 13 126.0 0.276 1.111 0.009 392. 347. -15.0 0.0340 0.32 0.16 3.29 236.0 10.0 299.2 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
19 4 23 113 14 118.7 0.269 1.192 0.008 513. 335. -14.8 0.0280 0.32 0.16 3.34 241.0 10.0 299.9 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
19 4 23 113 15 102.3 0.270 1.192 0.007 596. 336. -17.2 0.0280 0.32 0.16 3.39 241.0 10.0 298.1 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 4 23 113 16 78.0 0.267 1.120 0.007 648. 331. -21.9 0.0340 0.32 0.17 3.30 228.0 10.0 295.4 2.0 0
0.00 48. 1008. 0 ADJ-A1 NoSubs
19 4 23 113 17 47.5 0.247 0.964 0.006 677. 295. -28.6 0.0230 0.32 0.20 3.36 181.0 10.0 293.1 2.0 0
0.00 64. 1008. 0 ADJ-SFC NoSubs
19 4 23 113 18 12.5 0.202 0.617 0.006 676. 218. -59.1 0.0230 0.32 0.30 2.86 209.0 10.0 288.8 2.0 0
0.00 77. 1008. 0 ADJ-SFC NoSubs
19 4 23 113 19 -7.0 0.112 -9.000 -9.000 -999. 93. 18.0 0.0340 0.32 0.62 1.76 226.0 10.0 287.0 2.0 0
0.00 86. 1008. 0 ADJ-SFC NoSubs
19 4 23 113 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 287.0 2.0

0 0.00 86. 1008. 0 ADJ-SFC NoSubs
19 4 23 113 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 86. 1009. 0 ADJ-SFC NoSubs
19 4 23 113 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 89. 1009. 0 ADJ-SFC NoSubs
19 4 23 113 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 86. 1009. 0 ADJ-SFC NoSubs
19 4 23 113 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 86. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 89. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 89. 1008. 0 ADJ-SFC NoSubs
19 4 24 114 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 89. 1008. 0 ADJ-SFC NoSubs
19 4 24 114 4 -7.4 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.32 1.00 1.76 336.0 10.0 284.9 2.0 0
0.00 89. 1008. 0 ADJ-SFC NoSubs
19 4 24 114 5 -13.5 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.32 1.00 2.36 337.0 10.0 285.4 2.0 0
0.00 89. 1008. 0 ADJ-SFC NoSubs
19 4 24 114 6 -13.5 0.155 -9.000 -9.000 -999. 146. 26.4 0.0360 0.32 0.71 2.36 351.0 10.0 285.4 2.0 0
0.00 89. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 7 7.1 -9.000 -9.000 -9.000 52. -999. -99999.0 0.0304 0.32 0.33 0.00 0.0 10.0 288.8 2.0 0
0.00 77. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 8 41.7 -9.000 -9.000 -9.000 96. -999. -99999.0 0.0304 0.32 0.21 0.00 0.0 10.0 290.9 2.0 0
0.00 69. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 9 73.1 -9.000 -9.000 -9.000 156. -999. -99999.0 0.0304 0.32 0.18 0.00 0.0 10.0 293.1 2.0 0
0.00 67. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 10 98.2 0.164 0.841 0.015 218. 160. -4.1 0.0280 0.32 0.17 1.76 248.0 10.0 294.9 2.0 0
0.00 65. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 11 116.2 0.231 1.012 0.013 321. 267. -9.6 0.0230 0.32 0.16 2.86 186.0 10.0 297.5 2.0 0
0.00 57. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 12 125.2 0.294 1.149 0.011 437. 382. -18.2 0.0230 0.32 0.16 3.86 203.0 10.0 297.5 2.0 0
0.00 61. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 13 125.8 0.325 1.239 0.009 545. 444. -24.5 0.0230 0.32 0.16 4.36 209.0 10.0 297.0 2.0 0
0.00 61. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 14 117.6 0.239 1.234 0.008 575. 283. -10.4 0.0280 0.32 0.16 2.86 242.0 10.0 294.9 2.0 0
0.00 62. 1009. 0 ADJ-SFC NoSubs
19 4 24 114 15 101.8 0.271 1.194 0.007 601. 339. -17.6 0.0304 0.32 0.16 3.36 999.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-SFC NoSubs
19 4 24 114 16 78.3 0.231 1.106 0.006 621. 268. -14.2 0.0280 0.32 0.17 2.86 240.0 10.0 294.9 2.0 0
0.00 56. 1008. 0 ADJ-SFC NoSubs
19 4 24 114 17 47.9 0.216 0.944 0.005 631. 242. -19.0 0.0340 0.32 0.20 2.64 214.0 10.0 293.1 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
19 4 24 114 18 13.5 0.195 0.619 0.005 633. 207. -49.6 0.0230 0.32 0.30 2.74 198.0 10.0 291.4 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
19 4 24 114 19 -18.2 0.201 -9.000 -9.000 -999. 217. 44.5 0.0230 0.32 0.61 3.25 205.0 10.0 288.1 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 4 24 114 20 -7.8 0.115 -9.000 -9.000 -999. 96. 17.3 0.0230 0.32 1.00 1.93 209.0 10.0 286.4 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 4 24 114 21 -6.5 0.105 -9.000 -9.000 -999. 82. 16.2 0.0340 0.32 1.00 1.67 211.0 10.0 285.9 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
19 4 24 114 22 -10.0 0.132 -9.000 -9.000 -999. 115. 20.7 0.0340 0.32 1.00 2.06 214.0 10.0 285.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
19 4 24 114 23 -5.4 0.096 -9.000 -9.000 -999. 71. 14.7 0.0340 0.32 1.00 1.52 221.0 10.0 284.9 2.0 0

0.00 96. 1009. 0 ADJ-A1 NoSubs
19 4 24 114 24 -4.6 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.32 1.00 1.40 232.0 10.0 284.9 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
19 4 25 115 1 -5.5 0.097 -9.000 -9.000 -999. 72. 14.8 0.0340 0.32 1.00 1.54 229.0 10.0 283.8 2.0 0
0.00 100. 1009. 0 ADJ-A1 NoSubs
19 4 25 115 2 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0340 0.32 1.00 1.38 237.0 10.0 284.2 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
19 4 25 115 3 -3.0 0.072 -9.000 -9.000 -999. 47. 11.3 0.0250 0.32 1.00 1.16 283.0 10.0 283.8 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 4 25 115 4 -7.3 0.112 -9.000 -9.000 -999. 90. 17.3 0.0340 0.32 1.00 1.77 142.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 4 25 115 5 -4.9 0.091 -9.000 -9.000 -999. 66. 14.1 0.0370 0.32 1.00 1.43 153.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 4 25 115 6 -6.8 0.108 -9.000 -9.000 -999. 86. 16.8 0.0370 0.32 0.70 1.69 161.0 10.0 284.2 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 4 25 115 7 0.3 0.097 0.039 0.027 8. 72. -294.6 0.0340 0.32 0.33 1.35 133.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 8 8.9 0.093 0.336 0.030 152. 68. -8.1 0.0280 0.32 0.21 1.09 244.0 10.0 284.9 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 9 16.9 0.113 0.435 0.029 175. 91. -7.7 0.0340 0.32 0.18 1.26 219.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 10 97.6 0.143 0.882 0.028 253. 130. -2.7 0.0230 0.32 0.17 1.52 205.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 4 25 115 11 115.0 0.267 0.994 0.026 307. 331. -14.8 0.0230 0.32 0.16 3.44 199.0 10.0 290.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 4 25 115 12 124.0 0.343 1.064 0.018 350. 483. -29.4 0.0340 0.32 0.16 4.34 210.0 10.0 290.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 4 25 115 13 124.5 0.394 1.101 0.013 387. 594. -44.4 0.0340 0.32 0.16 5.12 218.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 4 25 115 14 116.9 0.310 1.107 0.022 418. 419. -23.0 0.0340 0.32 0.16 3.85 226.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 4 25 115 15 98.2 0.328 1.064 0.020 442. 450. -32.3 0.0340 0.32 0.16 4.17 227.0 10.0 288.1 2.0 0
0.00 83. 1010. 5 ADJ-A1 NoSubs
19 4 25 115 16 64.3 0.277 0.934 0.020 456. 352. -29.9 0.0340 0.32 0.17 3.51 225.0 10.0 287.0 2.0 0
0.00 86. 1010. 7 ADJ-A1 NoSubs
19 4 25 115 17 10.4 0.258 0.509 0.020 458. 315. -149.6 0.0340 0.32 0.20 3.54 233.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 18 1.9 0.197 0.287 0.020 458. 212. -373.0 0.0340 0.32 0.30 2.76 231.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 19 -14.7 0.162 -9.000 -9.000 -999. 157. 29.0 0.0280 0.32 0.60 2.57 240.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 20 -7.8 0.115 -9.000 -9.000 -999. 95. 17.9 0.0340 0.32 1.00 1.82 221.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 21 -5.4 0.096 -9.000 -9.000 -999. 71. 14.8 0.0370 0.32 1.00 1.50 179.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 22 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0370 0.32 1.00 1.45 157.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 23 -3.0 0.073 -9.000 -9.000 -999. 48. 11.9 0.0370 0.32 1.00 1.09 171.0 10.0 284.2 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 25 115 24 -3.7 0.079 -9.000 -9.000 -999. 53. 12.1 0.0280 0.32 1.00 1.28 244.0 10.0 284.2 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 1 -3.2 0.075 -9.000 -9.000 -999. 49. 12.0 0.0370 0.32 1.00 1.13 177.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 2 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0370 0.32 1.00 1.31 169.0 10.0 283.8 2.0 0

0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 3 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.32 1.00 1.59 183.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 4 -4.6 0.088 -9.000 -9.000 -999. 63. 13.5 0.0340 0.32 1.00 1.40 226.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 5 -2.7 0.069 -9.000 -9.000 -999. 44. 11.1 0.0250 0.32 1.00 1.08 298.0 10.0 283.1 2.0 0
0.00 100. 1009. 10 ADJ-A1 NoSubs
19 4 26 116 6 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0340 0.32 0.68 1.30 232.0 10.0 283.1 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 7 0.4 0.079 0.078 0.019 46. 53. -121.2 0.0340 0.32 0.32 1.08 235.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 8 8.9 0.105 0.387 0.036 233. 82. -11.8 0.0340 0.32 0.21 1.23 219.0 10.0 283.8 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 9 16.7 0.122 0.526 0.037 314. 103. -9.9 0.0230 0.32 0.18 1.52 208.0 10.0 284.2 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 10 23.0 0.135 0.629 0.037 391. 119. -9.6 0.0230 0.32 0.16 1.67 196.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 11 116.8 0.164 1.165 0.035 488. 159. -3.4 0.0340 0.32 0.16 1.64 219.0 10.0 288.1 2.0 0
0.00 77. 1010. 3 ADJ-A1 NoSubs
19 4 26 116 12 124.2 0.232 1.205 0.033 508. 269. -9.1 0.0230 0.32 0.16 2.86 191.0 10.0 289.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 4 26 116 13 124.8 0.358 1.215 0.031 518. 514. -33.1 0.0340 0.32 0.16 4.56 223.0 10.0 289.9 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 4 26 116 14 95.0 0.392 1.113 0.011 523. 589. -57.1 0.0340 0.32 0.16 5.16 232.0 10.0 286.4 2.0 0
0.00 86. 1010. 7 ADJ-A1 NoSubs
19 4 26 116 15 24.2 0.273 0.706 0.029 524. 350. -75.5 0.0340 0.32 0.16 3.64 236.0 10.0 287.5 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 16 64.6 0.257 0.981 0.028 527. 313. -23.7 0.0280 0.32 0.17 3.32 255.0 10.0 287.0 2.0 0
0.00 83. 1010. 7 ADJ-A1 NoSubs
19 4 26 116 17 10.6 0.236 0.538 0.028 527. 275. -110.9 0.0340 0.32 0.20 3.20 234.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 18 13.3 0.233 0.580 0.028 528. 270. -85.6 0.0280 0.32 0.29 3.24 244.0 10.0 285.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 4 26 116 19 -16.3 0.175 -9.000 -9.000 -999. 177. 33.7 0.0280 0.32 0.60 2.76 243.0 10.0 284.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 4 26 116 20 -8.8 0.123 -9.000 -9.000 -999. 104. 18.8 0.0280 0.32 1.00 1.99 261.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 21 -5.6 0.097 -9.000 -9.000 -999. 72. 14.5 0.0250 0.32 1.00 1.62 275.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 22 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0310 0.32 1.00 1.35 308.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 23 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0280 0.32 1.00 1.57 256.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 26 116 24 -4.4 0.085 -9.000 -9.000 -999. 60. 12.8 0.0250 0.32 1.00 1.43 288.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 1 -4.5 0.087 -9.000 -9.000 -999. 62. 13.2 0.0280 0.32 1.00 1.43 263.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 2 -9.2 0.125 -9.000 -9.000 -999. 107. 19.3 0.0280 0.32 1.00 2.03 244.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 3 -10.4 0.134 -9.000 -9.000 -999. 117. 20.6 0.0280 0.32 1.00 2.15 240.0 10.0 284.2 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 4 -9.0 0.123 -9.000 -9.000 -999. 103. 18.7 0.0250 0.32 1.00 2.03 286.0 10.0 284.1 2.0 0
0.00 93. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 5 -10.9 0.136 -9.000 -9.000 -999. 121. 20.8 0.0250 0.32 1.00 2.23 270.0 10.0 284.2 2.0 0

0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 6 -9.4 0.126 -9.000 -9.000 -999. 108. 19.4 0.0250 0.32 0.67 2.08 280.0 10.0 284.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 7 0.7 0.121 0.080 0.017 27. 101. -234.6 0.0250 0.32 0.32 1.77 282.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 8 9.3 0.122 0.304 0.018 109. 102. -17.4 0.0310 0.32 0.21 1.50 311.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 9 17.1 0.151 0.458 0.028 203. 141. -18.3 0.0340 0.32 0.17 1.84 239.0 10.0 285.9 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 10 23.2 0.233 0.538 0.027 242. 269. -48.9 0.0280 0.32 0.16 3.15 259.0 10.0 285.9 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 11 27.5 0.282 0.582 0.027 258. 360. -73.7 0.0280 0.32 0.16 3.90 246.0 10.0 285.9 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 4 27 117 12 29.9 0.273 0.612 0.027 275. 342. -61.2 0.0280 0.32 0.16 3.74 252.0 10.0 287.5 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 4 27 117 13 30.2 0.292 0.625 0.027 291. 378. -73.8 0.0280 0.32 0.16 4.03 243.0 10.0 288.1 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 4 27 117 14 113.7 0.346 1.106 0.023 429. 489. -32.9 0.0340 0.32 0.16 4.41 230.0 10.0 288.8 2.0 0
0.00 77. 1009. 5 ADJ-A1 NoSubs
19 4 27 117 15 83.1 0.341 1.018 0.024 457. 478. -42.8 0.0280 0.32 0.16 4.58 251.0 10.0 287.5 2.0 0
0.00 80. 1009. 7 ADJ-A1 NoSubs
19 4 27 117 16 18.3 0.294 0.617 0.025 462. 384. -125.0 0.0280 0.32 0.17 4.15 251.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 4 27 117 17 10.7 0.269 0.518 0.025 464. 336. -163.2 0.0280 0.32 0.20 3.83 252.0 10.0 286.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 4 27 117 18 2.2 0.257 0.304 0.025 464. 312. -701.1 0.0280 0.32 0.29 3.74 251.0 10.0 285.9 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 4 27 117 19 -15.3 0.167 -9.000 -9.000 -999. 167. 30.7 0.0250 0.32 0.59 2.69 286.0 10.0 285.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 4 27 117 20 -9.1 0.125 -9.000 -9.000 -999. 106. 19.4 0.0310 0.32 1.00 1.99 312.0 10.0 285.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 4 27 117 21 -6.6 0.105 -9.000 -9.000 -999. 82. 15.9 0.0250 0.32 1.00 1.76 297.0 10.0 285.4 2.0 0
0.00 82. 1008. 10 ADJ-A1 NoSubs
19 4 27 117 22 -10.4 0.134 -9.000 -9.000 -999. 117. 20.6 0.0280 0.32 1.00 2.15 240.0 10.0 284.9 2.0 0
0.00 85. 1009. 10 ADJ-A1 NoSubs
19 4 27 117 23 -8.3 0.119 -9.000 -9.000 -999. 98. 18.1 0.0280 0.32 1.00 1.93 242.0 10.0 284.9 2.0 0
0.00 82. 1008. 10 ADJ-A1 NoSubs
19 4 27 117 24 -6.7 0.106 -9.000 -9.000 -999. 83. 16.1 0.0280 0.32 1.00 1.74 242.0 10.0 284.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 4 28 118 1 -4.8 0.090 -9.000 -9.000 -999. 65. 13.6 0.0280 0.32 1.00 1.48 262.0 10.0 284.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 4 28 118 2 -5.4 0.095 -9.000 -9.000 -999. 70. 14.2 0.0250 0.32 1.00 1.59 284.0 10.0 283.8 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 4 28 118 3 -2.9 0.071 -9.000 -9.000 -999. 46. 11.4 0.0280 0.32 1.00 1.11 249.0 10.0 284.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 4 28 118 4 -3.9 0.082 -9.000 -9.000 -999. 56. 12.4 0.0280 0.32 1.00 1.33 257.0 10.0 283.8 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
19 4 28 118 5 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.32 1.00 1.23 317.0 10.0 283.8 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
19 4 28 118 6 -3.9 0.082 -9.000 -9.000 -999. 57. 12.9 0.0340 0.32 0.66 1.30 239.0 10.0 284.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 4 28 118 7 0.7 0.123 0.131 0.005 108. 104. -225.1 0.0340 0.32 0.32 1.71 219.0 10.0 284.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 4 28 118 8 9.4 0.153 0.378 0.012 207. 143. -34.1 0.0230 0.32 0.21 2.10 209.0 10.0 284.9 2.0 0

0.00 82. 1007. 10 ADJ-A1 NoSubs
19 4 28 118 9 17.0 0.165 0.531 0.026 316. 162. -23.9 0.0340 0.32 0.17 2.06 230.0 10.0 284.9 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
19 4 28 118 10 23.5 0.140 0.652 0.029 423. 126. -10.5 0.0230 0.32 0.16 1.75 202.0 10.0 287.0 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
19 4 28 118 11 94.5 0.275 1.115 0.030 527. 345. -19.7 0.0340 0.32 0.16 3.36 228.0 10.0 288.8 2.0 0
0.00 68. 1006. 7 ADJ-SFC NoSubs
19 4 28 118 12 124.7 0.345 1.293 0.030 623. 486. -29.5 0.0340 0.32 0.16 4.36 213.0 10.0 288.8 2.0 0
0.00 71. 1006. 0 ADJ-SFC NoSubs
19 4 28 118 13 30.2 0.356 0.814 0.029 640. 510. -133.9 0.0340 0.32 0.16 4.86 237.0 10.0 287.5 2.0 0
0.00 74. 1006. 10 ADJ-SFC NoSubs
19 4 28 118 14 28.5 0.389 0.801 0.029 646. 582. -184.8 0.0340 0.32 0.16 5.36 227.0 10.0 288.8 2.0 0
0.00 71. 1005. 10 ADJ-SFC NoSubs
19 4 28 118 15 24.3 0.310 0.762 0.029 650. 419. -110.1 0.0280 0.32 0.16 4.36 255.0 10.0 287.5 2.0 0
0.00 74. 1005. 10 ADJ-SFC NoSubs
19 4 28 118 16 18.4 0.351 0.695 0.029 654. 500. -211.1 0.0340 0.32 0.17 4.86 224.0 10.0 287.0 2.0 0
0.00 77. 1004. 10 ADJ-SFC NoSubs
19 4 28 118 17 10.8 0.304 0.582 0.029 655. 403. -233.2 0.0280 0.32 0.20 4.36 249.0 10.0 285.9 2.0 0
0.00 79. 1004. 10 ADJ-SFC NoSubs
19 4 28 118 18 2.1 0.298 0.339 0.029 656. 391. -1123.2 0.0280 0.32 0.29 4.36 246.0 10.0 284.9 2.0 0
0.00 82. 1004. 10 ADJ-SFC NoSubs
19 4 28 118 19 -16.6 0.182 -9.000 -9.000 -999. 193. 36.4 0.0280 0.32 0.58 2.86 255.0 10.0 284.9 2.0 0
0.00 82. 1004. 10 ADJ-SFC NoSubs
19 4 28 118 20 -8.3 0.118 -9.000 -9.000 -999. 99. 17.9 0.0250 0.32 1.00 1.96 298.0 10.0 284.9 2.0 0
0.00 82. 1004. 10 ADJ-A1 NoSubs
19 4 28 118 21 -6.4 0.104 -9.000 -9.000 -999. 80. 15.7 0.0280 0.32 1.00 1.70 253.0 10.0 284.2 2.0 0
0.00 86. 1004. 10 ADJ-A1 NoSubs
19 4 28 118 22 -5.7 0.099 -9.000 -9.000 -999. 75. 15.2 0.0340 0.32 1.00 1.57 227.0 10.0 284.9 2.0 0
0.00 82. 1004. 10 ADJ-A1 NoSubs
19 4 28 118 23 -10.2 0.132 -9.000 -9.000 -999. 115. 20.4 0.0280 0.32 1.00 2.13 245.0 10.0 284.2 2.0 0
0.00 86. 1004. 10 ADJ-A1 NoSubs
19 4 28 118 24 -9.3 0.126 -9.000 -9.000 -999. 107. 19.3 0.0280 0.32 1.00 2.04 243.0 10.0 284.2 2.0 0
0.00 82. 1004. 10 ADJ-A1 NoSubs
19 4 29 119 1 -5.2 0.094 -9.000 -9.000 -999. 69. 14.1 0.0280 0.32 1.00 1.54 254.0 10.0 284.2 2.0 0
0.00 82. 1004. 10 ADJ-A1 NoSubs
19 4 29 119 2 -6.2 0.102 -9.000 -9.000 -999. 78. 15.3 0.0250 0.32 1.00 1.71 285.0 10.0 284.9 2.0 0
0.00 79. 1004. 10 ADJ-A1 NoSubs
19 4 29 119 3 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0250 0.32 1.00 1.47 290.0 10.0 284.9 2.0 0
0.00 79. 1004. 10 ADJ-A1 NoSubs
19 4 29 119 4 -3.4 0.077 -9.000 -9.000 -999. 51. 11.7 0.0250 0.32 1.00 1.26 277.0 10.0 284.9 2.0 0
0.00 79. 1004. 10 ADJ-A1 NoSubs
19 4 29 119 5 -5.3 0.095 -9.000 -9.000 -999. 71. 14.5 0.0310 0.32 1.00 1.54 302.0 10.0 284.9 2.0 0
0.00 82. 1004. 10 ADJ-A1 NoSubs
19 4 29 119 6 -6.4 0.105 -9.000 -9.000 -999. 82. 16.2 0.0310 0.32 0.65 1.69 320.0 10.0 284.9 2.0 0
0.00 82. 1004. 10 ADJ-A1 NoSubs
19 4 29 119 7 1.1 0.143 0.243 0.018 487. 130. -249.2 0.0250 0.32 0.31 2.10 289.0 10.0 285.4 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
19 4 29 119 8 9.6 0.241 0.527 0.020 545. 284. -131.3 0.0280 0.32 0.21 3.41 246.0 10.0 285.4 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
19 4 29 119 9 17.3 0.207 0.675 0.022 637. 226. -45.8 0.0280 0.32 0.17 2.79 250.0 10.0 285.9 2.0 0
0.00 82. 1006. 10 ADJ-A1 NoSubs
19 4 29 119 10 23.5 0.202 0.778 0.025 718. 218. -31.4 0.0280 0.32 0.16 2.66 247.0 10.0 286.4 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
19 4 29 119 11 27.9 0.255 0.832 0.025 740. 309. -53.3 0.0280 0.32 0.16 3.47 258.0 10.0 287.5 2.0 0

0.00 71. 1006. 10 ADJ-A1 NoSubs
19 4 29 119 12 30.1 0.297 0.858 0.025 751. 389. -78.2 0.0280 0.32 0.16 4.12 251.0 10.0 287.5 2.0 0
0.00 71. 1006. 10 ADJ-A1 NoSubs
19 4 29 119 13 30.4 0.333 0.864 0.025 762. 462. -109.2 0.0280 0.32 0.16 4.68 265.0 10.0 288.1 2.0 0
0.00 68. 1005. 10 ADJ-A1 NoSubs
19 4 29 119 14 28.5 0.335 0.850 0.025 772. 464. -117.8 0.0280 0.32 0.16 4.71 266.0 10.0 288.1 2.0 0
0.00 68. 1005. 10 ADJ-A1 NoSubs
19 4 29 119 15 24.6 0.281 0.812 0.025 780. 359. -80.7 0.0250 0.32 0.16 3.98 277.0 10.0 288.8 2.0 0
0.00 64. 1005. 10 ADJ-A1 NoSubs
19 4 29 119 16 18.9 0.316 0.745 0.025 784. 427. -150.3 0.0280 0.32 0.17 4.49 260.0 10.0 289.2 2.0 0
0.00 64. 1004. 10 ADJ-A1 NoSubs
19 4 29 119 17 11.1 0.246 0.626 0.025 787. 295. -120.1 0.0250 0.32 0.20 3.54 271.0 10.0 287.5 2.0 0
0.00 71. 1005. 10 ADJ-A1 NoSubs
19 4 29 119 18 2.6 0.209 0.384 0.024 788. 230. -320.3 0.0250 0.32 0.29 3.08 277.0 10.0 287.0 2.0 0
0.00 71. 1005. 10 ADJ-A1 NoSubs
19 4 29 119 19 -16.4 0.183 -9.000 -9.000 -999. 188. 36.9 0.0250 0.32 0.57 2.93 271.0 10.0 286.4 2.0 0
0.00 74. 1005. 10 ADJ-A1 NoSubs
19 4 29 119 20 -15.1 0.162 -9.000 -9.000 -999. 157. 28.9 0.0250 0.32 1.00 2.62 271.0 10.0 286.4 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
19 4 29 119 21 -12.8 0.149 -9.000 -9.000 -999. 138. 24.4 0.0250 0.32 1.00 2.42 272.0 10.0 286.4 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
19 4 29 119 22 -10.4 0.135 -9.000 -9.000 -999. 119. 21.0 0.0310 0.32 1.00 2.13 300.0 10.0 286.4 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
19 4 29 119 23 -8.9 0.123 -9.000 -9.000 -999. 103. 18.7 0.0250 0.32 1.00 2.03 293.0 10.0 286.4 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
19 4 29 119 24 -9.4 0.126 -9.000 -9.000 -999. 108. 19.3 0.0250 0.32 1.00 2.08 299.0 10.0 286.4 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
19 4 30 120 1 -6.7 0.106 -9.000 -9.000 -999. 83. 16.0 0.0250 0.32 1.00 1.77 299.0 10.0 286.4 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
19 4 30 120 2 -9.9 0.130 -9.000 -9.000 -999. 112. 19.8 0.0250 0.32 1.00 2.13 283.0 10.0 285.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
19 4 30 120 3 -9.7 0.128 -9.000 -9.000 -999. 110. 19.6 0.0250 0.32 1.00 2.11 278.0 10.0 285.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
19 4 30 120 4 -8.7 0.122 -9.000 -9.000 -999. 102. 18.5 0.0250 0.32 1.00 2.01 275.0 10.0 285.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
19 4 30 120 5 -17.7 0.180 -9.000 -9.000 -999. 183. 35.5 0.0280 0.32 1.00 2.83 262.0 10.0 285.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
19 4 30 120 6 -22.3 0.233 -9.000 -9.000 -999. 271. 59.9 0.0280 0.32 0.64 3.63 264.0 10.0 285.9 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
19 4 30 120 7 1.4 0.189 0.230 0.005 318. 197. -440.9 0.0280 0.32 0.31 2.74 253.0 10.0 286.4 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 4 30 120 8 10.0 0.204 0.539 0.006 563. 221. -76.2 0.0250 0.32 0.21 2.88 278.0 10.0 287.0 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 4 30 120 9 17.7 0.266 0.670 0.008 610. 328. -95.1 0.0280 0.32 0.17 3.71 257.0 10.0 287.5 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 4 30 120 10 23.7 0.295 0.761 0.015 669. 384. -97.1 0.0280 0.32 0.16 4.12 260.0 10.0 287.0 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 4 30 120 11 113.1 0.332 1.375 0.025 829. 460. -29.3 0.0280 0.32 0.16 4.36 246.0 10.0 288.8 2.0 0
0.00 68. 1010. 5 ADJ-A1 NoSubs
19 4 30 120 12 121.5 0.353 1.473 0.026 949. 503. -32.6 0.0280 0.32 0.16 4.66 245.0 10.0 290.4 2.0 0
0.00 64. 1010. 5 ADJ-A1 NoSubs
19 4 30 120 13 128.1 0.418 1.529 0.026 1007. 648. -51.3 0.0280 0.32 0.16 5.67 246.0 10.0 290.4 2.0 0
0.00 62. 1010. 3 ADJ-A1 NoSubs
19 4 30 120 14 120.4 0.354 1.508 0.025 1028. 508. -33.2 0.0280 0.32 0.16 4.68 250.0 10.0 289.2 2.0 0

0.00 64. 1010. 3 ADJ-A1 NoSubs
19 4 30 120 15 100.1 0.337 1.427 0.024 1046. 469. -34.3 0.0280 0.32 0.16 4.46 251.0 10.0 289.2 2.0 0
0.00 64. 1010. 5 ADJ-A1 NoSubs
19 4 30 120 16 81.6 0.297 1.339 0.024 1060. 389. -28.9 0.0280 0.32 0.17 3.89 266.0 10.0 288.8 2.0 0
0.00 66. 1010. 3 ADJ-A1 NoSubs
19 4 30 120 17 49.3 0.274 1.135 0.023 1068. 345. -37.7 0.0280 0.32 0.20 3.66 251.0 10.0 287.5 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 4 30 120 18 15.1 0.231 0.766 0.023 1070. 267. -73.3 0.0340 0.32 0.29 3.08 238.0 10.0 285.9 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 4 30 120 19 -11.6 0.152 -9.000 -9.000 -999. 144. 27.0 0.0340 0.32 0.57 2.32 237.0 10.0 284.2 2.0 0
0.00 82. 1010. 5 ADJ-A1 NoSubs
19 4 30 120 20 -3.2 0.075 -9.000 -9.000 -999. 52. 12.0 0.0340 0.32 1.00 1.16 214.0 10.0 284.9 2.0 0
0.00 79. 1010. 5 ADJ-A1 NoSubs
19 4 30 120 21 -2.6 0.068 -9.000 -9.000 -999. 43. 10.9 0.0230 0.32 1.00 1.08 184.0 10.0 283.8 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
19 4 30 120 22 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0300 0.32 1.00 1.38 22.0 10.0 283.8 2.0 0
0.00 85. 1011. 7 ADJ-A1 NoSubs
19 4 30 120 23 -4.9 0.090 -9.000 -9.000 -999. 65. 13.7 0.0300 0.32 1.00 1.47 40.0 10.0 284.2 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 4 30 120 24 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0300 0.32 1.00 1.55 48.0 10.0 284.2 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
19 5 1 121 1 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0300 0.32 1.00 1.38 28.0 10.0 282.5 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
19 5 1 121 2 -6.1 0.102 -9.000 -9.000 -999. 78. 15.6 0.0360 0.32 1.00 1.60 334.0 10.0 281.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 5 1 121 3 -7.2 0.111 -9.000 -9.000 -999. 89. 17.1 0.0360 0.32 1.00 1.74 337.0 10.0 280.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 5 1 121 4 -9.1 0.125 -9.000 -9.000 -999. 106. 19.4 0.0360 0.32 1.00 1.94 341.0 10.0 280.9 2.0 0
0.00 88. 1011. 10 ADJ-A1 NoSubs
19 5 1 121 5 -9.6 0.129 -9.000 -9.000 -999. 111. 20.0 0.0360 0.32 1.00 1.99 335.0 10.0 280.9 2.0 0
0.00 88. 1011. 10 ADJ-A1 NoSubs
19 5 1 121 6 -4.7 0.090 -9.000 -9.000 -999. 65. 14.1 0.0360 0.32 0.63 1.42 331.0 10.0 281.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 5 1 121 7 1.1 0.081 0.105 0.009 37. 56. -42.9 0.0300 0.32 0.31 1.08 20.0 10.0 283.8 2.0 0
0.00 85. 1013. 10 ADJ-A1 NoSubs
19 5 1 121 8 9.9 0.089 0.333 0.011 135. 64. -6.5 0.0230 0.32 0.20 1.06 208.0 10.0 285.4 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
19 5 1 121 9 75.7 0.132 0.991 0.014 464. 115. -2.7 0.0230 0.32 0.17 1.40 204.0 10.0 287.5 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
19 5 1 121 10 100.3 0.181 1.106 0.012 488. 185. -5.3 0.0230 0.32 0.16 2.10 190.0 10.0 289.2 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
19 5 1 121 11 117.4 0.230 1.187 0.010 515. 265. -9.4 0.0230 0.32 0.16 2.84 189.0 10.0 290.4 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
19 5 1 121 12 126.4 0.325 1.243 0.008 549. 445. -24.5 0.0340 0.32 0.16 4.05 227.0 10.0 291.4 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
19 5 1 121 13 127.1 0.291 1.276 0.006 589. 377. -17.4 0.0280 0.32 0.16 3.66 253.0 10.0 292.5 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
19 5 1 121 14 119.4 0.311 1.279 0.005 632. 416. -22.7 0.0280 0.32 0.16 4.00 260.0 10.0 292.0 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
19 5 1 121 15 103.4 0.314 1.256 0.005 691. 423. -27.1 0.0280 0.32 0.16 4.10 261.0 10.0 290.9 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
19 5 1 121 16 79.8 0.282 1.175 0.005 733. 360. -25.3 0.0280 0.32 0.17 3.66 256.0 10.0 289.9 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 5 1 121 17 49.9 0.264 1.016 0.005 758. 326. -33.3 0.0340 0.32 0.20 3.37 239.0 10.0 288.8 2.0 0

0.00 74. 1010. 0 ADJ-A1 NoSubs
19 5 1 121 18 15.8 0.217 0.695 0.005 764. 243. -58.0 0.0230 0.32 0.28 3.07 195.0 10.0 287.5 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 5 1 121 19 -17.7 0.210 -9.000 -9.000 -999. 231. 48.6 0.0370 0.32 0.56 3.12 164.0 10.0 286.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 5 1 121 20 -17.9 0.181 -9.000 -9.000 -999. 185. 36.1 0.0340 0.32 1.00 2.76 131.0 10.0 285.9 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 5 1 121 21 -12.2 0.146 -9.000 -9.000 -999. 133. 23.3 0.0300 0.32 1.00 2.30 109.0 10.0 285.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 5 1 121 22 -9.0 0.124 -9.000 -9.000 -999. 104. 19.0 0.0300 0.32 1.00 1.98 41.0 10.0 284.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 5 1 121 23 -6.1 0.101 -9.000 -9.000 -999. 77. 15.4 0.0300 0.32 1.00 1.64 19.0 10.0 284.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 5 1 121 24 -7.0 0.109 -9.000 -9.000 -999. 86. 16.6 0.0300 0.32 1.00 1.76 12.0 10.0 283.8 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 5 2 122 1 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0360 0.32 1.00 1.69 349.0 10.0 283.1 2.0 0
0.00 89. 1012. 5 ADJ-A1 NoSubs
19 5 2 122 2 -8.1 0.118 -9.000 -9.000 -999. 97. 18.3 0.0360 0.32 1.00 1.84 340.0 10.0 282.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 5 2 122 3 -10.0 0.131 -9.000 -9.000 -999. 114. 20.5 0.0360 0.32 1.00 2.03 339.0 10.0 282.0 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
19 5 2 122 4 -11.4 0.141 -9.000 -9.000 -999. 126. 22.0 0.0360 0.32 1.00 2.16 335.0 10.0 281.4 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 5 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0360 0.32 1.00 1.54 340.0 10.0 280.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 6 -6.1 0.103 -9.000 -9.000 -999. 80. 16.4 0.0360 0.32 0.62 1.62 346.0 10.0 281.4 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 7 11.2 0.068 0.429 0.015 253. 42. -2.5 0.0300 0.32 0.30 0.67 54.0 10.0 284.2 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 8 45.7 0.109 0.736 0.015 315. 86. -2.6 0.0300 0.32 0.20 1.08 113.0 10.0 287.0 2.0 0
0.00 68. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 9 76.7 0.122 0.900 0.013 342. 102. -2.1 0.0340 0.32 0.17 1.13 140.0 10.0 290.4 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 10 101.4 0.193 1.018 0.011 376. 203. -6.4 0.0370 0.32 0.16 2.06 173.0 10.0 292.5 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 11 118.2 0.279 1.105 0.009 412. 353. -16.5 0.0280 0.32 0.16 3.49 248.0 10.0 292.5 2.0 0
0.00 50. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 12 127.3 0.297 1.165 0.008 449. 389. -18.6 0.0250 0.32 0.16 3.85 275.0 10.0 294.2 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 13 127.7 0.332 1.228 0.006 523. 460. -25.9 0.0280 0.32 0.16 4.32 248.0 10.0 293.8 2.0 0
0.00 37. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 14 120.4 0.281 1.322 0.005 693. 359. -16.6 0.0280 0.32 0.16 3.52 244.0 10.0 294.9 2.0 0
0.00 33. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 15 103.9 0.367 1.319 0.006 796. 534. -43.0 0.0340 0.32 0.16 4.76 210.0 10.0 292.0 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
19 5 2 122 16 80.5 0.372 1.239 0.006 851. 545. -57.6 0.0340 0.32 0.17 4.90 215.0 10.0 291.4 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 5 2 122 17 50.5 0.238 1.072 0.005 877. 291. -24.1 0.0230 0.32 0.20 3.20 207.0 10.0 289.9 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
19 5 2 122 18 16.3 0.266 0.736 0.005 881. 329. -104.1 0.0230 0.32 0.28 3.86 204.0 10.0 287.5 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 5 2 122 19 -16.3 0.197 -9.000 -9.000 -999. 211. 42.7 0.0370 0.32 0.55 2.93 176.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 5 2 122 20 -21.8 0.220 -9.000 -9.000 -999. 248. 53.2 0.0370 0.32 1.00 3.27 151.0 10.0 285.4 2.0 0

0.00 92. 1010. 0 ADJ-A1 NoSubs
19 5 2 122 21 -15.7 0.166 -9.000 -9.000 -999. 164. 30.5 0.0340 0.32 1.00 2.55 142.0 10.0 285.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 5 2 122 22 -7.5 0.112 -9.000 -9.000 -999. 91. 17.0 0.0270 0.32 1.00 1.84 79.0 10.0 284.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 5 2 122 23 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0300 0.32 1.00 1.48 47.0 10.0 284.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 5 2 122 24 -5.1 0.093 -9.000 -9.000 -999. 69. 14.4 0.0360 0.32 1.00 1.47 356.0 10.0 283.8 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 5 3 123 1 -11.5 0.142 -9.000 -9.000 -999. 128. 22.3 0.0360 0.32 1.00 2.18 331.0 10.0 282.5 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 5 3 123 2 -9.5 0.129 -9.000 -9.000 -999. 111. 20.0 0.0360 0.32 1.00 1.99 337.0 10.0 282.0 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
19 5 3 123 3 -2.6 0.069 -9.000 -9.000 -999. 44. 11.7 0.0360 0.32 1.00 0.99 342.0 10.0 282.0 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
19 5 3 123 4 -3.8 0.081 -9.000 -9.000 -999. 56. 12.6 0.0360 0.32 1.00 1.26 348.0 10.0 281.4 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
19 5 3 123 5 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.32 1.00 1.28 338.0 10.0 280.9 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
19 5 3 123 6 -8.0 0.120 -9.000 -9.000 -999. 100. 19.3 0.0360 0.32 0.61 1.86 346.0 10.0 280.9 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
19 5 3 123 7 11.8 0.115 0.422 0.023 229. 94. -11.7 0.0360 0.32 0.30 1.33 351.0 10.0 284.2 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
19 5 3 123 8 46.1 0.108 0.731 0.022 304. 85. -2.4 0.0300 0.32 0.20 1.06 110.0 10.0 286.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 5 3 123 9 76.9 0.122 0.893 0.020 334. 102. -2.1 0.0230 0.32 0.17 1.25 209.0 10.0 289.2 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 5 3 123 10 101.5 0.156 1.014 0.018 370. 148. -3.4 0.0230 0.32 0.16 1.71 190.0 10.0 291.4 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
19 5 3 123 11 118.6 0.268 1.092 0.015 396. 333. -14.6 0.0340 0.32 0.16 3.19 210.0 10.0 292.5 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 5 3 123 12 127.7 0.268 1.142 0.013 420. 333. -13.6 0.0340 0.32 0.16 3.17 211.0 10.0 294.2 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 5 3 123 13 128.5 0.314 1.174 0.010 454. 423. -21.7 0.0340 0.32 0.16 3.88 225.0 10.0 295.4 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
19 5 3 123 14 120.3 0.347 1.180 0.009 492. 491. -31.4 0.0340 0.32 0.16 4.41 237.0 10.0 293.1 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
19 5 3 123 15 104.5 0.286 1.151 0.007 525. 369. -20.1 0.0340 0.32 0.16 3.51 234.0 10.0 293.1 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
19 5 3 123 16 80.9 0.298 1.074 0.006 552. 390. -29.3 0.0230 0.32 0.17 4.05 204.0 10.0 291.4 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
19 5 3 123 17 50.7 0.291 0.928 0.005 566. 376. -43.5 0.0230 0.32 0.20 4.05 199.0 10.0 288.8 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 5 3 123 18 16.5 0.284 0.640 0.005 569. 364. -125.0 0.0230 0.32 0.28 4.15 193.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 5 3 123 19 -18.4 0.253 -9.000 -9.000 -999. 305. 78.8 0.0370 0.32 0.55 3.71 174.0 10.0 285.4 2.0 0
0.00 89. 1008. 5 ADJ-A1 NoSubs
19 5 3 123 20 -23.1 0.233 -9.000 -9.000 -999. 270. 59.8 0.0340 0.32 1.00 3.51 136.0 10.0 285.4 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 3 123 21 -21.1 0.213 -9.000 -9.000 -999. 236. 49.9 0.0300 0.32 1.00 3.29 113.0 10.0 285.4 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 3 123 22 -19.1 0.193 -9.000 -9.000 -999. 204. 41.1 0.0300 0.32 1.00 3.00 110.0 10.0 285.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 3 123 23 -12.1 0.145 -9.000 -9.000 -999. 134. 23.3 0.0340 0.32 1.00 2.25 125.0 10.0 285.4 2.0 0

0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 3 123 24 -10.3 0.133 -9.000 -9.000 -999. 116. 20.4 0.0270 0.32 1.00 2.15 89.0 10.0 284.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 4 124 1 -8.3 0.119 -9.000 -9.000 -999. 98. 18.2 0.0300 0.32 1.00 1.91 91.0 10.0 284.2 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 4 124 2 -6.1 0.101 -9.000 -9.000 -999. 77. 15.2 0.0270 0.32 1.00 1.67 78.0 10.0 284.2 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 4 124 3 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0300 0.32 1.00 1.55 94.0 10.0 283.8 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 4 124 4 -2.8 0.071 -9.000 -9.000 -999. 45. 11.4 0.0300 0.32 1.00 1.08 25.0 10.0 284.2 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 4 124 5 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.32 1.00 1.25 15.0 10.0 283.8 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 4 124 6 -4.7 0.089 -9.000 -9.000 -999. 64. 13.8 0.0270 0.32 0.60 1.48 73.0 10.0 283.1 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 4 124 7 1.5 0.110 0.131 0.017 52. 87. -76.5 0.0300 0.32 0.30 1.50 18.0 10.0 283.8 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 4 124 8 10.1 0.134 0.393 0.025 216. 118. -21.6 0.0360 0.32 0.20 1.64 354.0 10.0 284.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 4 124 9 17.9 0.135 0.564 0.028 360. 120. -12.5 0.0310 0.32 0.17 1.62 311.0 10.0 285.9 2.0 0
0.00 79. 1008. 10 ADJ-A1 NoSubs
19 5 4 124 10 101.4 0.140 1.118 0.028 495. 125. -2.4 0.0300 0.32 0.16 1.37 98.0 10.0 288.8 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
19 5 4 124 11 118.3 0.332 1.193 0.026 516. 459. -27.8 0.0340 0.32 0.16 4.18 232.0 10.0 289.2 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
19 5 4 124 12 126.9 0.335 1.229 0.024 526. 465. -26.6 0.0340 0.32 0.16 4.20 236.0 10.0 289.2 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
19 5 4 124 13 127.5 0.282 1.239 0.023 536. 361. -15.8 0.0280 0.32 0.16 3.52 251.0 10.0 289.9 2.0 0
0.00 66. 1007. 0 ADJ-A1 NoSubs
19 5 4 124 14 119.8 0.336 1.220 0.021 544. 468. -28.5 0.0340 0.32 0.16 4.24 231.0 10.0 289.2 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
19 5 4 124 15 103.8 0.396 1.168 0.014 551. 597. -53.5 0.0280 0.32 0.16 5.38 242.0 10.0 288.1 2.0 0
0.00 71. 1007. 0 ADJ-A1 NoSubs
19 5 4 124 16 79.4 0.391 1.072 0.015 557. 587. -67.6 0.0280 0.32 0.17 5.38 250.0 10.0 287.5 2.0 0
0.00 74. 1007. 5 ADJ-A1 NoSubs
19 5 4 124 17 53.4 0.364 0.941 0.018 560. 528. -81.0 0.0280 0.32 0.20 5.05 250.0 10.0 286.4 2.0 0
0.00 77. 1007. 3 ADJ-A1 NoSubs
19 5 4 124 18 16.7 0.277 0.640 0.017 561. 354. -114.4 0.0280 0.32 0.28 3.90 259.0 10.0 284.9 2.0 0
0.00 82. 1006. 0 ADJ-A1 NoSubs
19 5 4 124 19 -16.9 0.195 -9.000 -9.000 -999. 209. 41.8 0.0280 0.32 0.54 3.05 251.0 10.0 284.2 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
19 5 4 124 20 -13.9 0.155 -9.000 -9.000 -999. 147. 26.5 0.0280 0.32 1.00 2.47 254.0 10.0 284.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 5 4 124 21 -6.4 0.104 -9.000 -9.000 -999. 80. 15.7 0.0280 0.32 1.00 1.70 247.0 10.0 284.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 5 4 124 22 -6.6 0.107 -9.000 -9.000 -999. 84. 16.4 0.0340 0.32 1.00 1.69 230.0 10.0 284.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 5 4 124 23 -13.3 0.152 -9.000 -9.000 -999. 142. 25.4 0.0280 0.32 1.00 2.42 251.0 10.0 284.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 5 4 124 24 -9.5 0.127 -9.000 -9.000 -999. 109. 19.6 0.0280 0.32 1.00 2.06 252.0 10.0 284.2 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
19 5 5 125 1 -5.2 0.094 -9.000 -9.000 -999. 70. 14.5 0.0340 0.32 1.00 1.50 227.0 10.0 284.2 2.0 0
0.00 82. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 2 -7.9 0.117 -9.000 -9.000 -999. 96. 18.1 0.0340 0.32 1.00 1.84 235.0 10.0 284.2 2.0 0

0.00 82. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 3 -10.0 0.131 -9.000 -9.000 -999. 114. 20.1 0.0280 0.32 1.00 2.11 259.0 10.0 283.8 2.0 0
0.00 82. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 4 -16.8 0.171 -9.000 -9.000 -999. 170. 32.3 0.0280 0.32 1.00 2.71 240.0 10.0 283.8 2.0 0
0.00 79. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 5 -16.7 0.170 -9.000 -9.000 -999. 168. 31.8 0.0250 0.32 1.00 2.74 271.0 10.0 283.8 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
19 5 5 125 6 -10.6 0.137 -9.000 -9.000 -999. 121. 21.6 0.0250 0.32 0.59 2.23 287.0 10.0 283.8 2.0 0
0.00 79. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 7 1.8 0.098 0.198 0.005 152. 74. -45.8 0.0360 0.32 0.30 1.26 336.0 10.0 284.9 2.0 0
0.00 71. 1007. 10 ADJ-A1 NoSubs
19 5 5 125 8 10.5 0.104 0.464 0.005 340. 81. -9.7 0.0270 0.32 0.20 1.25 83.0 10.0 285.9 2.0 0
0.00 66. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 9 18.3 0.152 0.640 0.024 514. 142. -17.3 0.0370 0.32 0.17 1.81 157.0 10.0 287.5 2.0 0
0.00 66. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 10 83.4 0.353 1.154 0.026 662. 503. -47.3 0.0340 0.32 0.16 4.60 232.0 10.0 288.1 2.0 0
0.00 63. 1007. 7 ADJ-A1 NoSubs
19 5 5 125 11 114.8 0.368 1.399 0.028 858. 536. -39.0 0.0280 0.32 0.16 4.92 253.0 10.0 288.8 2.0 0
0.00 59. 1007. 5 ADJ-A1 NoSubs
19 5 5 125 12 30.8 0.379 0.906 0.028 865. 559. -157.8 0.0280 0.32 0.16 5.38 245.0 10.0 288.8 2.0 0
0.00 61. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 13 31.0 0.394 0.908 0.028 868. 594. -177.5 0.0280 0.32 0.16 5.62 247.0 10.0 288.8 2.0 0
0.00 64. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 14 29.1 0.442 0.890 0.027 869. 704. -266.2 0.0340 0.32 0.16 6.14 237.0 10.0 288.8 2.0 0
0.00 64. 1007. 10 ADJ-A1 NoSubs
19 5 5 125 15 25.1 0.377 0.848 0.027 871. 558. -190.9 0.0280 0.32 0.16 5.38 264.0 10.0 288.8 2.0 0
0.00 66. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 16 81.1 0.267 1.256 0.027 877. 338. -21.0 0.0250 0.32 0.17 3.49 277.0 10.0 289.2 2.0 0
0.00 64. 1005. 0 ADJ-A1 NoSubs
19 5 5 125 17 51.3 0.335 1.079 0.026 880. 465. -65.6 0.0340 0.32 0.20 4.44 238.0 10.0 287.5 2.0 0
0.00 71. 1006. 0 ADJ-A1 NoSubs
19 5 5 125 18 17.4 0.363 0.753 0.026 881. 524. -246.3 0.0280 0.32 0.28 5.21 253.0 10.0 286.4 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
19 5 5 125 19 -15.5 0.232 -9.000 -9.000 -999. 278. 72.2 0.0280 0.32 0.54 3.58 256.0 10.0 285.4 2.0 0
0.00 82. 1006. 7 ADJ-A1 NoSubs
19 5 5 125 20 -21.5 0.218 -9.000 -9.000 -999. 244. 52.3 0.0340 0.32 1.00 3.29 239.0 10.0 285.4 2.0 0
0.00 82. 1006. 7 ADJ-A1 NoSubs
19 5 5 125 21 -20.3 0.206 -9.000 -9.000 -999. 224. 46.6 0.0280 0.32 1.00 3.22 243.0 10.0 285.4 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
19 5 5 125 22 -21.9 0.222 -9.000 -9.000 -999. 251. 54.1 0.0280 0.32 1.00 3.46 264.0 10.0 285.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
19 5 5 125 23 -21.5 0.218 -9.000 -9.000 -999. 245. 52.4 0.0250 0.32 1.00 3.47 274.0 10.0 285.9 2.0 0
0.00 76. 1006. 10 ADJ-A1 NoSubs
19 5 5 125 24 -21.7 0.219 -9.000 -9.000 -999. 247. 53.0 0.0250 0.32 1.00 3.49 273.0 10.0 285.4 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
19 5 6 126 1 -13.1 0.150 -9.000 -9.000 -999. 141. 24.8 0.0250 0.32 1.00 2.44 280.0 10.0 284.9 2.0 11
0.30 85. 1006. 10 ADJ-A1 NoSubs
19 5 6 126 2 -7.7 0.115 -9.000 -9.000 -999. 94. 17.6 0.0310 0.32 1.00 1.84 300.0 10.0 284.9 2.0 0
0.00 85. 1006. 10 ADJ-A1 NoSubs
19 5 6 126 3 -3.7 0.079 -9.000 -9.000 -999. 53. 11.9 0.0250 0.32 1.00 1.30 274.0 10.0 284.2 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 5 6 126 4 -3.5 0.078 -9.000 -9.000 -999. 52. 11.8 0.0250 0.32 1.00 1.28 276.0 10.0 284.9 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 5 6 126 5 -5.0 0.092 -9.000 -9.000 -999. 67. 14.2 0.0360 0.32 1.00 1.45 350.0 10.0 284.2 2.0 0

0.00 92. 1007. 10 ADJ-A1 NoSubs
19 5 6 126 6 -4.0 0.085 -9.000 -9.000 -999. 59. 13.6 0.0360 0.32 0.58 1.33 339.0 10.0 284.9 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 5 6 126 7 2.0 0.117 0.208 0.005 159. 96. -70.4 0.0360 0.32 0.29 1.54 337.0 10.0 285.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 5 6 126 8 10.7 0.084 0.493 0.005 403. 59. -5.0 0.0340 0.32 0.20 0.89 237.0 10.0 286.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 5 6 126 9 18.3 0.185 0.633 0.005 498. 191. -31.1 0.0250 0.32 0.17 2.49 274.0 10.0 287.0 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
19 5 6 126 10 24.5 0.241 0.720 0.005 548. 284. -51.4 0.0250 0.32 0.16 3.34 281.0 10.0 288.1 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
19 5 6 126 11 28.8 0.288 0.784 0.006 602. 371. -74.5 0.0280 0.32 0.16 3.98 249.0 10.0 288.8 2.0 0
0.00 68. 1008. 10 ADJ-A1 NoSubs
19 5 6 126 12 31.1 0.386 0.828 0.007 655. 576. -166.5 0.0340 0.32 0.16 5.31 237.0 10.0 289.9 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
19 5 6 126 13 31.0 0.366 0.847 0.008 703. 533. -142.5 0.0280 0.32 0.16 5.19 253.0 10.0 288.8 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
19 5 6 126 14 98.2 0.377 1.320 0.015 843. 555. -49.0 0.0280 0.32 0.16 5.10 244.0 10.0 290.4 2.0 0
0.00 67. 1009. 7 ADJ-A1 NoSubs
19 5 6 126 15 25.1 0.352 0.848 0.016 872. 502. -156.2 0.0280 0.32 0.16 5.00 248.0 10.0 288.1 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 5 6 126 16 19.2 0.289 0.782 0.016 895. 376. -113.6 0.0280 0.32 0.17 4.07 254.0 10.0 287.5 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 5 6 126 17 11.7 0.271 0.667 0.016 909. 339. -152.7 0.0280 0.32 0.20 3.85 264.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 5 6 126 18 18.2 0.250 0.777 0.017 929. 301. -77.7 0.0280 0.32 0.28 3.47 264.0 10.0 286.4 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
19 5 6 126 19 -13.7 0.214 -9.000 -9.000 -999. 239. 64.6 0.0280 0.32 0.53 3.32 266.0 10.0 285.9 2.0 0
0.00 86. 1009. 7 ADJ-A1 NoSubs
19 5 6 126 20 -15.0 0.161 -9.000 -9.000 -999. 156. 28.6 0.0280 0.32 1.00 2.56 261.0 10.0 284.9 2.0 0
0.00 89. 1010. 7 ADJ-A1 NoSubs
19 5 6 126 21 -14.7 0.160 -9.000 -9.000 -999. 154. 28.1 0.0280 0.32 1.00 2.54 263.0 10.0 284.9 2.0 0
0.00 89. 1010. 5 ADJ-A1 NoSubs
19 5 6 126 22 -4.2 0.084 -9.000 -9.000 -999. 60. 12.6 0.0250 0.32 1.00 1.40 287.0 10.0 284.2 2.0 0
0.00 92. 1010. 3 ADJ-A1 NoSubs
19 5 6 126 23 -7.7 0.114 -9.000 -9.000 -999. 92. 17.2 0.0250 0.32 1.00 1.89 277.0 10.0 284.2 2.0 0
0.00 92. 1010. 7 ADJ-A1 NoSubs
19 5 6 126 24 -11.8 0.142 -9.000 -9.000 -999. 129. 22.2 0.0250 0.32 1.00 2.32 290.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 5 7 127 1 -8.1 0.116 -9.000 -9.000 -999. 95. 17.6 0.0250 0.32 1.00 1.93 285.0 10.0 284.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 5 7 127 2 -6.9 0.108 -9.000 -9.000 -999. 85. 16.3 0.0280 0.32 1.00 1.76 257.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 5 7 127 3 -3.9 0.081 -9.000 -9.000 -999. 56. 12.5 0.0310 0.32 1.00 1.30 301.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 5 7 127 4 -4.0 0.082 -9.000 -9.000 -999. 57. 12.4 0.0250 0.32 1.00 1.37 286.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 5 7 127 5 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0360 0.32 1.00 1.11 330.0 10.0 284.9 2.0 0
0.00 85. 1011. 10 ADJ-A1 NoSubs
19 5 7 127 6 -1.8 0.061 -9.000 -9.000 -999. 36. 11.6 0.0300 0.32 0.58 0.84 19.0 10.0 285.4 2.0 0
0.00 82. 1012. 10 ADJ-A1 NoSubs
19 5 7 127 7 2.3 0.075 0.231 0.005 197. 50. -17.1 0.0250 0.32 0.29 0.97 283.0 10.0 285.9 2.0 0
0.00 79. 1013. 10 ADJ-A1 NoSubs
19 5 7 127 8 10.7 0.113 0.502 0.005 426. 91. -12.2 0.0370 0.32 0.20 1.30 163.0 10.0 285.9 2.0 0

0.00 86. 1013. 10 ADJ-A1 NoSubs
19 5 7 127 9 65.2 0.173 1.003 0.013 559. 173. -7.2 0.0370 0.32 0.17 1.88 157.0 10.0 287.5 2.0 0
0.00 77. 1013. 7 ADJ-A1 NoSubs
19 5 7 127 10 24.6 0.162 0.743 0.016 602. 156. -15.6 0.0340 0.32 0.16 1.94 229.0 10.0 288.1 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
19 5 7 127 11 29.0 0.170 0.804 0.019 649. 168. -15.2 0.0280 0.32 0.16 2.11 250.0 10.0 289.2 2.0 0
0.00 66. 1013. 10 ADJ-A1 NoSubs
19 5 7 127 12 130.0 0.322 1.435 0.024 822. 438. -23.1 0.0340 0.32 0.16 3.99 236.0 10.0 291.4 2.0 0
0.00 60. 1013. 3 ADJ-A1 NoSubs
19 5 7 127 13 128.7 0.405 1.484 0.024 918. 619. -46.8 0.0340 0.32 0.16 5.28 233.0 10.0 291.4 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
19 5 7 127 14 120.9 0.420 1.463 0.023 936. 653. -55.3 0.0280 0.32 0.16 5.72 255.0 10.0 290.4 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
19 5 7 127 15 107.1 0.392 1.412 0.022 952. 589. -50.7 0.0280 0.32 0.16 5.31 254.0 10.0 289.9 2.0 0
0.00 69. 1013. 3 ADJ-A1 NoSubs
19 5 7 127 16 81.7 0.413 1.296 0.022 963. 637. -77.8 0.0280 0.32 0.17 5.72 250.0 10.0 288.8 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
19 5 7 127 17 44.8 0.360 1.063 0.021 969. 520. -93.6 0.0280 0.32 0.19 5.02 247.0 10.0 287.5 2.0 0
0.00 74. 1013. 7 ADJ-A1 NoSubs
19 5 7 127 18 18.6 0.302 0.794 0.021 972. 400. -133.7 0.0280 0.32 0.27 4.27 251.0 10.0 287.0 2.0 0
0.00 74. 1013. 7 ADJ-A1 NoSubs
19 5 7 127 19 -19.3 0.234 -9.000 -9.000 -999. 274. 60.3 0.0280 0.32 0.52 3.63 255.0 10.0 286.4 2.0 0
0.00 77. 1013. 10 ADJ-A1 NoSubs
19 5 7 127 20 -20.1 0.202 -9.000 -9.000 -999. 219. 45.1 0.0280 0.32 1.00 3.17 260.0 10.0 285.9 2.0 0
0.00 79. 1013. 10 ADJ-A1 NoSubs
19 5 7 127 21 -10.2 0.132 -9.000 -9.000 -999. 117. 20.4 0.0280 0.32 1.00 2.13 260.0 10.0 285.9 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
19 5 7 127 22 -10.7 0.136 -9.000 -9.000 -999. 120. 21.0 0.0280 0.32 1.00 2.18 257.0 10.0 285.9 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
19 5 7 127 23 -9.5 0.127 -9.000 -9.000 -999. 109. 19.6 0.0280 0.32 1.00 2.06 244.0 10.0 285.4 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
19 5 7 127 24 -7.1 0.109 -9.000 -9.000 -999. 87. 16.5 0.0250 0.32 1.00 1.82 278.0 10.0 285.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
19 5 8 128 1 -13.7 0.154 -9.000 -9.000 -999. 145. 26.0 0.0280 0.32 1.00 2.45 264.0 10.0 285.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
19 5 8 128 2 -8.0 0.116 -9.000 -9.000 -999. 95. 17.7 0.0280 0.32 1.00 1.89 268.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 8 128 3 -5.5 0.095 -9.000 -9.000 -999. 71. 14.3 0.0250 0.32 1.00 1.60 276.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 8 128 4 -4.8 0.090 -9.000 -9.000 -999. 65. 13.6 0.0280 0.32 1.00 1.48 251.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 8 128 5 -9.4 0.126 -9.000 -9.000 -999. 107. 19.0 0.0230 0.32 1.00 2.10 199.0 10.0 284.9 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 5 8 128 6 -5.3 0.097 -9.000 -9.000 -999. 73. 15.6 0.0340 0.32 0.57 1.54 231.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 8 128 7 2.3 0.109 0.198 0.005 122. 86. -51.0 0.0280 0.32 0.29 1.48 253.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 8 128 8 10.7 0.125 0.425 0.005 257. 105. -16.2 0.0230 0.32 0.20 1.62 202.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 8 128 9 18.4 0.097 0.580 0.010 382. 72. -4.5 0.0250 0.32 0.17 1.08 293.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
19 5 8 128 10 24.5 0.108 0.664 0.012 430. 85. -4.6 0.0250 0.32 0.16 1.21 274.0 10.0 287.0 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
19 5 8 128 11 28.9 0.143 0.729 0.014 481. 130. -9.1 0.0280 0.32 0.16 1.69 240.0 10.0 288.8 2.0 0

0.00 77. 1011. 10 ADJ-A1 NoSubs
19 5 8 128 12 31.1 0.231 0.771 0.014 530. 267. -35.8 0.0340 0.32 0.16 2.96 226.0 10.0 288.8 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
19 5 8 128 13 31.3 0.306 0.794 0.015 576. 406. -82.5 0.0280 0.32 0.16 4.25 242.0 10.0 289.2 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
19 5 8 128 14 29.5 0.336 0.797 0.015 616. 468. -115.8 0.0280 0.32 0.16 4.73 253.0 10.0 289.9 2.0 0
0.00 72. 1009. 10 ADJ-A1 NoSubs
19 5 8 128 15 25.4 0.336 0.770 0.016 648. 467. -134.4 0.0280 0.32 0.16 4.75 251.0 10.0 288.8 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
19 5 8 128 16 68.4 0.330 1.115 0.017 729. 455. -47.3 0.0280 0.32 0.17 4.46 260.0 10.0 289.9 2.0 0
0.00 72. 1008. 7 ADJ-A1 NoSubs
19 5 8 128 17 53.6 0.291 1.054 0.019 784. 377. -41.2 0.0280 0.32 0.19 3.90 257.0 10.0 288.8 2.0 0
0.00 74. 1007. 5 ADJ-A1 NoSubs
19 5 8 128 18 3.4 0.239 0.422 0.019 785. 282. -357.8 0.0280 0.32 0.27 3.46 250.0 10.0 286.4 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 5 8 128 19 -14.7 0.181 -9.000 -9.000 -999. 186. 36.2 0.0280 0.32 0.52 2.84 255.0 10.0 285.9 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 5 8 128 20 -14.7 0.160 -9.000 -9.000 -999. 154. 28.2 0.0280 0.32 1.00 2.54 256.0 10.0 285.9 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 5 8 128 21 -12.7 0.148 -9.000 -9.000 -999. 137. 24.3 0.0280 0.32 1.00 2.37 269.0 10.0 286.4 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 5 8 128 22 -8.3 0.119 -9.000 -9.000 -999. 98. 18.2 0.0280 0.32 1.00 1.93 266.0 10.0 285.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 5 8 128 23 -12.7 0.148 -9.000 -9.000 -999. 137. 24.2 0.0280 0.32 1.00 2.37 257.0 10.0 285.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 5 8 128 24 -12.7 0.148 -9.000 -9.000 -999. 137. 24.2 0.0280 0.32 1.00 2.37 262.0 10.0 285.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 5 9 129 1 -14.2 0.157 -9.000 -9.000 -999. 150. 27.2 0.0280 0.32 1.00 2.50 262.0 10.0 285.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 5 9 129 2 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0310 0.32 1.00 1.86 306.0 10.0 285.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 5 9 129 3 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.32 1.00 1.60 310.0 10.0 285.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 4 -5.3 0.095 -9.000 -9.000 -999. 71. 14.5 0.0310 0.32 1.00 1.54 323.0 10.0 284.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 5 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0310 0.32 1.00 1.35 318.0 10.0 284.9 2.0 11
0.50 100. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 6 -3.3 0.077 -9.000 -9.000 -999. 51. 12.5 0.0310 0.32 0.56 1.23 300.0 10.0 284.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 7 2.4 0.091 0.206 0.005 130. 65. -27.6 0.0250 0.32 0.29 1.21 279.0 10.0 285.4 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 8 11.0 0.118 0.397 0.005 205. 97. -13.3 0.0250 0.32 0.20 1.48 276.0 10.0 286.1 2.0 11
0.20 93. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 9 18.4 0.165 0.530 0.006 289. 160. -21.7 0.0250 0.32 0.17 2.16 276.0 10.0 285.9 2.0 11
0.30 100. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 10 24.7 0.238 0.636 0.011 374. 280. -49.3 0.0280 0.32 0.16 3.23 255.0 10.0 287.5 2.0 11
0.30 96. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 11 28.9 0.264 0.698 0.012 421. 326. -57.3 0.0280 0.32 0.16 3.61 253.0 10.0 288.1 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 12 104.4 0.321 1.177 0.016 559. 436. -28.4 0.0280 0.32 0.16 4.20 243.0 10.0 290.4 2.0 0
0.00 77. 1005. 7 ADJ-A1 NoSubs
19 5 9 129 13 31.5 0.372 0.805 0.017 594. 545. -147.1 0.0280 0.32 0.16 5.28 245.0 10.0 289.9 2.0 0
0.00 72. 1005. 10 ADJ-A1 NoSubs
19 5 9 129 14 99.0 0.376 1.243 0.019 695. 554. -48.2 0.0280 0.32 0.16 5.09 249.0 10.0 290.9 2.0 0

0.00 67. 1004. 7 ADJ-A1 NoSubs
19 5 9 129 15 86.6 0.346 1.234 0.020 777. 489. -42.8 0.0280 0.32 0.16 4.65 247.0 10.0 289.9 2.0 0
0.00 66. 1003. 7 ADJ-A1 NoSubs
19 5 9 129 16 19.7 0.279 0.756 0.020 781. 356. -98.1 0.0280 0.32 0.17 3.90 262.0 10.0 289.2 2.0 0
0.00 69. 1003. 10 ADJ-A1 NoSubs
19 5 9 129 17 12.4 0.300 0.648 0.019 784. 395. -194.7 0.0280 0.32 0.19 4.29 252.0 10.0 289.2 2.0 0
0.00 69. 1002. 10 ADJ-A1 NoSubs
19 5 9 129 18 3.8 0.255 0.438 0.019 784. 310. -386.8 0.0280 0.32 0.27 3.69 257.0 10.0 288.1 2.0 0
0.00 71. 1002. 10 ADJ-A1 NoSubs
19 5 9 129 19 -16.6 0.212 -9.000 -9.000 -999. 235. 51.4 0.0280 0.32 0.51 3.30 249.0 10.0 287.5 2.0 0
0.00 77. 1003. 10 ADJ-A1 NoSubs
19 5 9 129 20 -17.1 0.175 -9.000 -9.000 -999. 176. 33.6 0.0280 0.32 1.00 2.76 260.0 10.0 287.5 2.0 0
0.00 77. 1003. 10 ADJ-A1 NoSubs
19 5 9 129 21 -12.4 0.147 -9.000 -9.000 -999. 136. 23.8 0.0280 0.32 1.00 2.35 249.0 10.0 287.5 2.0 0
0.00 77. 1004. 10 ADJ-A1 NoSubs
19 5 9 129 22 -15.0 0.162 -9.000 -9.000 -999. 157. 28.9 0.0280 0.32 1.00 2.57 250.0 10.0 287.0 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
19 5 9 129 23 -13.7 0.154 -9.000 -9.000 -999. 145. 26.1 0.0250 0.32 1.00 2.50 275.0 10.0 287.0 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
19 5 9 129 24 -9.3 0.126 -9.000 -9.000 -999. 108. 19.3 0.0250 0.32 1.00 2.08 286.0 10.0 287.0 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
19 5 10 130 1 -10.7 0.136 -9.000 -9.000 -999. 120. 20.9 0.0250 0.32 1.00 2.22 296.0 10.0 287.0 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
19 5 10 130 2 -13.0 0.151 -9.000 -9.000 -999. 141. 25.2 0.0310 0.32 1.00 2.37 305.0 10.0 287.0 2.0 0
0.00 77. 1003. 10 ADJ-A1 NoSubs
19 5 10 130 3 -6.3 0.104 -9.000 -9.000 -999. 80. 15.9 0.0310 0.32 1.00 1.67 324.0 10.0 286.4 2.0 0
0.00 80. 1003. 10 ADJ-A1 NoSubs
19 5 10 130 4 -4.0 0.082 -9.000 -9.000 -999. 57. 12.4 0.0250 0.32 1.00 1.37 283.0 10.0 286.4 2.0 0
0.00 83. 1003. 10 ADJ-A1 NoSubs
19 5 10 130 5 -8.0 0.116 -9.000 -9.000 -999. 95. 17.7 0.0250 0.32 1.00 1.93 270.0 10.0 285.9 2.0 0
0.00 82. 1003. 10 ADJ-A1 NoSubs
19 5 10 130 6 -4.7 0.092 -9.000 -9.000 -999. 67. 14.7 0.0250 0.32 0.55 1.54 281.0 10.0 286.4 2.0 0
0.00 83. 1004. 10 ADJ-A1 NoSubs
19 5 10 130 7 2.8 0.121 0.228 0.005 151. 101. -57.1 0.0250 0.32 0.28 1.69 290.0 10.0 287.0 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
19 5 10 130 8 11.3 0.140 0.461 0.008 309. 125. -21.5 0.0280 0.32 0.20 1.79 269.0 10.0 287.5 2.0 0
0.00 80. 1004. 10 ADJ-A1 NoSubs
19 5 10 130 9 19.0 0.219 0.612 0.013 433. 246. -49.5 0.0340 0.32 0.17 2.86 234.0 10.0 288.8 2.0 0
0.00 74. 1004. 10 ADJ-SFC NoSubs
19 5 10 130 10 25.2 0.222 0.700 0.018 488. 251. -39.0 0.0340 0.32 0.16 2.86 223.0 10.0 289.9 2.0 0
0.00 72. 1004. 10 ADJ-SFC NoSubs
19 5 10 130 11 29.4 0.180 0.765 0.022 546. 184. -17.8 0.0230 0.32 0.16 2.36 205.0 10.0 290.4 2.0 0
0.00 69. 1005. 10 ADJ-SFC NoSubs
19 5 10 130 12 105.0 0.240 1.280 0.026 716. 282. -11.8 0.0304 0.32 0.16 2.86 999.0 10.0 292.0 2.0 0
0.00 60. 1005. 7 ADJ-SFC NoSubs
19 5 10 130 13 130.0 0.204 1.405 0.025 765. 222. -5.9 0.0250 0.32 0.16 2.36 298.0 10.0 293.8 2.0 0
0.00 56. 1005. 0 ADJ-SFC NoSubs
19 5 10 130 14 122.2 0.435 1.385 0.023 780. 690. -60.5 0.0280 0.32 0.16 5.96 268.0 10.0 292.5 2.0 0
0.00 60. 1005. 0 ADJ-SFC NoSubs
19 5 10 130 15 106.4 0.447 1.330 0.022 793. 716. -75.1 0.0340 0.32 0.16 5.96 232.0 10.0 292.0 2.0 0
0.00 62. 1005. 0 ADJ-SFC NoSubs
19 5 10 130 16 83.1 0.384 1.230 0.021 804. 573. -60.9 0.0250 0.32 0.17 5.36 277.0 10.0 290.9 2.0 0
0.00 67. 1006. 0 ADJ-SFC NoSubs
19 5 10 130 17 53.8 0.252 1.068 0.021 811. 316. -26.8 0.0250 0.32 0.19 3.36 287.0 10.0 290.9 2.0 0

0.00 59. 1006. 0 ADJ-SFC NoSubs
19 5 10 130 18 20.2 0.240 0.771 0.021 814. 283. -61.6 0.0250 0.32 0.27 3.36 295.0 10.0 290.4 2.0 0
0.00 62. 1006. 0 ADJ-SFC NoSubs
19 5 10 130 19 -10.5 0.150 -9.000 -9.000 -999. 142. 28.7 0.0280 0.32 0.51 2.36 256.0 10.0 288.1 2.0 0
0.00 71. 1007. 0 ADJ-SFC NoSubs
19 5 10 130 20 -6.8 0.108 -9.000 -9.000 -999. 85. 16.4 0.0280 0.32 1.00 1.76 252.0 10.0 286.4 2.0 0
0.00 80. 1008. 0 ADJ-SFC NoSubs
19 5 10 130 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 80. 1008. 0 ADJ-SFC NoSubs
19 5 10 130 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 92. 1008. 0 ADJ-SFC NoSubs
19 5 10 130 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 86. 1009. 0 ADJ-SFC NoSubs
19 5 10 130 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0304 0.32 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 89. 1009. 0 ADJ-SFC NoSubs
19 5 11 131 1 -6.0 0.101 -9.000 -9.000 -999. 77. 15.6 0.0360 0.32 1.00 1.59 340.0 10.0 284.2 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 5 11 131 2 -6.8 0.108 -9.000 -9.000 -999. 85. 16.7 0.0360 0.32 1.00 1.69 344.0 10.0 284.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 11 131 3 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0360 0.32 1.00 1.43 357.0 10.0 285.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 11 131 4 -3.3 0.076 -9.000 -9.000 -999. 50. 12.1 0.0360 0.32 1.00 1.16 355.0 10.0 285.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 5 11 131 5 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.32 1.00 1.25 16.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 5 11 131 6 -6.5 0.109 -9.000 -9.000 -999. 86. 18.0 0.0360 0.32 0.55 1.70 342.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 5 11 131 7 2.7 0.108 0.221 0.009 142. 85. -41.4 0.0360 0.32 0.28 1.38 337.0 10.0 285.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 5 11 131 8 50.2 0.130 0.824 0.018 402. 113. -4.0 0.0300 0.32 0.20 1.37 102.0 10.0 288.8 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 5 11 131 9 80.4 0.170 1.046 0.018 513. 168. -5.5 0.0340 0.32 0.17 1.81 120.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 5 11 131 10 104.6 0.182 1.168 0.017 549. 187. -5.2 0.0230 0.32 0.16 2.11 187.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 5 11 131 11 121.4 0.303 1.256 0.016 588. 401. -20.7 0.0340 0.32 0.16 3.73 226.0 10.0 293.8 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 5 11 131 12 129.9 0.328 1.312 0.015 627. 451. -24.5 0.0340 0.32 0.16 4.09 239.0 10.0 293.8 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
19 5 11 131 13 130.0 0.383 1.337 0.014 663. 568. -38.9 0.0340 0.32 0.16 4.93 220.0 10.0 292.5 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 5 11 131 14 122.3 0.397 1.331 0.013 695. 601. -46.2 0.0340 0.32 0.16 5.17 232.0 10.0 291.4 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 5 11 131 15 106.3 0.396 1.286 0.013 721. 598. -52.6 0.0340 0.32 0.16 5.19 236.0 10.0 290.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 5 11 131 16 83.2 0.342 1.197 0.015 741. 482. -43.3 0.0280 0.32 0.17 4.60 246.0 10.0 289.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 5 11 131 17 53.7 0.326 1.039 0.015 752. 446. -57.9 0.0340 0.32 0.19 4.29 239.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 5 11 131 18 3.8 0.270 0.432 0.015 752. 337. -458.0 0.0340 0.32 0.27 3.78 224.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 11 131 19 -16.6 0.214 -9.000 -9.000 -999. 239. 53.2 0.0340 0.32 0.50 3.22 213.0 10.0 286.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 11 131 20 -16.8 0.170 -9.000 -9.000 -999. 169. 31.9 0.0230 0.32 1.00 2.78 197.0 10.0 286.4 2.0 0

0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 11 131 21 -18.3 0.185 -9.000 -9.000 -999. 192. 37.8 0.0370 0.32 1.00 2.78 152.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 5 11 131 22 -18.4 0.186 -9.000 -9.000 -999. 193. 38.1 0.0370 0.32 1.00 2.79 150.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 5 11 131 23 -12.9 0.150 -9.000 -9.000 -999. 140. 24.9 0.0340 0.32 1.00 2.32 145.0 10.0 286.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 11 131 24 -6.3 0.103 -9.000 -9.000 -999. 80. 15.7 0.0300 0.32 1.00 1.67 109.0 10.0 286.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 12 132 1 -5.3 0.095 -9.000 -9.000 -999. 70. 14.4 0.0300 0.32 1.00 1.54 102.0 10.0 286.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 12 132 2 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0340 0.32 1.00 1.25 227.0 10.0 285.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 12 132 3 -2.7 0.069 -9.000 -9.000 -999. 44. 11.1 0.0250 0.32 1.00 1.09 286.0 10.0 285.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 5 12 132 4 -4.8 0.090 -9.000 -9.000 -999. 65. 13.8 0.0300 0.32 1.00 1.47 91.0 10.0 285.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 12 132 5 -13.3 0.152 -9.000 -9.000 -999. 143. 25.5 0.0300 0.32 1.00 2.40 93.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 5 12 132 6 -14.5 0.169 -9.000 -9.000 -999. 166. 31.3 0.0340 0.32 0.54 2.57 134.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 5 12 132 7 2.9 0.104 0.293 0.018 309. 81. -34.7 0.0340 0.32 0.28 1.33 138.0 10.0 286.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 5 12 132 8 11.4 0.096 0.541 0.032 497. 72. -7.0 0.0300 0.32 0.20 1.09 13.0 10.0 287.0 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 5 12 132 9 19.1 0.154 0.687 0.035 613. 145. -17.2 0.0250 0.32 0.17 1.98 273.0 10.0 288.1 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 5 12 132 10 106.2 0.246 1.249 0.034 662. 292. -12.6 0.0280 0.32 0.16 3.00 243.0 10.0 289.2 2.0 0
0.00 74. 1010. 3 ADJ-A1 NoSubs
19 5 12 132 11 121.2 0.251 1.316 0.033 678. 302. -11.8 0.0230 0.32 0.16 3.17 197.0 10.0 291.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 5 12 132 12 129.5 0.342 1.357 0.032 695. 481. -27.9 0.0340 0.32 0.16 4.31 212.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 5 12 132 13 130.2 0.296 1.370 0.030 712. 387. -17.9 0.0340 0.32 0.16 3.59 210.0 10.0 292.0 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 5 12 132 14 122.4 0.319 1.352 0.029 728. 431. -23.8 0.0230 0.32 0.16 4.27 206.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 5 12 132 15 106.7 0.305 1.299 0.028 741. 404. -23.9 0.0370 0.32 0.16 3.73 179.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 5 12 132 16 83.6 0.329 1.203 0.027 751. 454. -38.5 0.0370 0.32 0.17 4.17 158.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 5 12 132 17 54.4 0.279 1.046 0.027 757. 354. -35.8 0.0340 0.32 0.19 3.57 146.0 10.0 289.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 5 12 132 18 20.6 0.271 0.758 0.026 759. 338. -86.8 0.0340 0.32 0.27 3.64 141.0 10.0 288.1 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 5 12 132 19 -17.1 0.253 -9.000 -9.000 -999. 305. 84.6 0.0340 0.32 0.50 3.76 137.0 10.0 286.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 5 12 132 20 -19.9 0.201 -9.000 -9.000 -999. 218. 44.6 0.0340 0.32 1.00 3.05 125.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 5 12 132 21 -15.1 0.163 -9.000 -9.000 -999. 158. 29.1 0.0300 0.32 1.00 2.55 90.0 10.0 285.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 5 12 132 22 -12.9 0.149 -9.000 -9.000 -999. 138. 24.4 0.0270 0.32 1.00 2.39 70.0 10.0 284.9 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 5 12 132 23 -6.8 0.108 -9.000 -9.000 -999. 85. 16.4 0.0300 0.32 1.00 1.74 41.0 10.0 284.9 2.0 0

0.00 92. 1011. 0 ADJ-A1 NoSubs
19 5 12 132 24 -5.5 0.097 -9.000 -9.000 -999. 72. 14.7 0.0300 0.32 1.00 1.57 24.0 10.0 284.2 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 5 13 133 1 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0360 0.32 1.00 1.35 360.0 10.0 283.8 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 5 13 133 2 -7.7 0.115 -9.000 -9.000 -999. 93. 17.7 0.0360 0.32 1.00 1.79 353.0 10.0 283.1 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
19 5 13 133 3 -5.8 0.100 -9.000 -9.000 -999. 76. 15.3 0.0360 0.32 1.00 1.57 347.0 10.0 283.1 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 5 13 133 4 -5.6 0.097 -9.000 -9.000 -999. 73. 14.7 0.0310 0.32 1.00 1.57 326.0 10.0 283.1 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 5 13 133 5 -3.5 0.079 -9.000 -9.000 -999. 53. 12.4 0.0360 0.32 1.00 1.21 331.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 5 13 133 6 -1.8 0.062 -9.000 -9.000 -999. 37. 11.8 0.0360 0.32 0.54 0.84 335.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
19 5 13 133 7 2.6 0.090 0.221 0.005 147. 65. -25.4 0.0300 0.32 0.28 1.16 7.0 10.0 283.8 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
19 5 13 133 8 11.2 0.109 0.423 0.015 244. 86. -10.3 0.0340 0.32 0.20 1.25 213.0 10.0 284.9 2.0 0
0.00 100. 1012. 10 ADJ-A1 NoSubs
19 5 13 133 9 19.0 0.115 0.571 0.023 353. 94. -7.3 0.0340 0.32 0.17 1.28 223.0 10.0 287.5 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 5 13 133 10 104.7 0.235 1.213 0.026 616. 274. -11.3 0.0230 0.32 0.16 2.96 196.0 10.0 290.4 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
19 5 13 133 11 121.2 0.229 1.291 0.024 641. 263. -8.9 0.0230 0.32 0.16 2.81 184.0 10.0 290.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
19 5 13 133 12 129.8 0.284 1.333 0.023 658. 364. -16.0 0.0230 0.32 0.16 3.69 201.0 10.0 291.4 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 5 13 133 13 130.5 0.286 1.347 0.022 676. 366. -16.1 0.0230 0.32 0.16 3.71 190.0 10.0 292.5 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 5 13 133 14 122.8 0.308 1.330 0.020 692. 410. -21.5 0.0230 0.32 0.16 4.10 197.0 10.0 291.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
19 5 13 133 15 107.1 0.306 1.278 0.019 702. 405. -24.0 0.0230 0.32 0.16 4.10 204.0 10.0 291.4 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
19 5 13 133 16 84.3 0.232 1.184 0.018 710. 270. -13.3 0.0230 0.32 0.17 2.96 193.0 10.0 292.0 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 5 13 133 17 54.9 0.234 1.029 0.018 715. 271. -21.0 0.0370 0.32 0.19 2.83 179.0 10.0 290.9 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 5 13 133 18 20.9 0.210 0.746 0.018 716. 231. -39.7 0.0370 0.32 0.26 2.66 169.0 10.0 287.5 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 5 13 133 19 -16.2 0.244 -9.000 -9.000 -999. 290. 81.2 0.0340 0.32 0.49 3.64 128.0 10.0 286.4 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 5 13 133 20 -28.3 0.286 -9.000 -9.000 -999. 367. 90.0 0.0340 0.32 1.00 4.27 130.0 10.0 285.9 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 5 13 133 21 -27.7 0.279 -9.000 -9.000 -999. 354. 85.6 0.0300 0.32 1.00 4.26 96.0 10.0 285.4 2.0 0
0.00 89. 1012. 5 ADJ-A1 NoSubs
19 5 13 133 22 -29.6 0.298 -9.000 -9.000 -999. 391. 97.8 0.0300 0.32 1.00 4.54 113.0 10.0 285.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 5 13 133 23 -16.7 0.171 -9.000 -9.000 -999. 179. 32.1 0.0300 0.32 1.00 2.67 99.0 10.0 284.9 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 5 13 133 24 -6.4 0.104 -9.000 -9.000 -999. 82. 15.6 0.0270 0.32 1.00 1.71 66.0 10.0 284.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 5 14 134 1 -8.9 0.124 -9.000 -9.000 -999. 104. 19.0 0.0300 0.32 1.00 1.98 55.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 5 14 134 2 -8.5 0.120 -9.000 -9.000 -999. 100. 18.3 0.0270 0.32 1.00 1.96 75.0 10.0 285.4 2.0 0

0.00 89. 1011. 10 ADJ-A1 NoSubs
19 5 14 134 3 -4.0 0.082 -9.000 -9.000 -999. 57. 12.5 0.0270 0.32 1.00 1.35 61.0 10.0 285.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 5 14 134 4 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.32 1.00 1.25 91.0 10.0 285.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 5 14 134 5 -4.6 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.32 1.00 1.40 123.0 10.0 285.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 5 14 134 6 -2.6 0.070 -9.000 -9.000 -999. 45. 11.9 0.0300 0.32 0.53 1.11 8.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 14 134 7 3.0 0.099 0.349 0.023 501. 75. -28.7 0.0300 0.32 0.28 1.28 7.0 10.0 285.9 2.0 0
0.00 82. 1012. 10 ADJ-A1 NoSubs
19 5 14 134 8 11.5 0.108 0.566 0.024 567. 86. -10.0 0.0360 0.32 0.20 1.23 342.0 10.0 286.4 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 5 14 134 9 19.0 0.125 0.704 0.025 663. 106. -9.2 0.0310 0.32 0.17 1.45 304.0 10.0 287.0 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
19 5 14 134 10 102.0 0.144 1.292 0.025 764. 131. -2.6 0.0300 0.32 0.16 1.43 116.0 10.0 289.2 2.0 0
0.00 74. 1012. 5 ADJ-A1 NoSubs
19 5 14 134 11 121.6 0.246 1.384 0.024 788. 292. -11.0 0.0230 0.32 0.16 3.08 209.0 10.0 290.9 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
19 5 14 134 12 129.8 0.302 1.427 0.023 809. 399. -19.2 0.0340 0.32 0.16 3.69 236.0 10.0 290.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
19 5 14 134 13 130.4 0.374 1.441 0.022 830. 548. -36.1 0.0280 0.32 0.16 4.97 252.0 10.0 290.9 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 5 14 134 14 122.9 0.343 1.425 0.021 851. 483. -29.7 0.0340 0.32 0.16 4.34 236.0 10.0 290.9 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
19 5 14 134 15 107.1 0.350 1.369 0.020 865. 496. -36.0 0.0340 0.32 0.16 4.48 217.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 5 14 134 16 83.9 0.236 1.265 0.019 870. 282. -14.1 0.0230 0.32 0.17 3.03 183.0 10.0 288.8 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 5 14 134 17 55.0 0.248 1.100 0.019 873. 297. -25.1 0.0340 0.32 0.19 3.10 132.0 10.0 289.2 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 5 14 134 18 21.5 0.242 0.806 0.019 874. 286. -59.3 0.0300 0.32 0.26 3.27 95.0 10.0 288.8 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 5 14 134 19 -15.1 0.237 -9.000 -9.000 -999. 277. 79.3 0.0300 0.32 0.49 3.61 108.0 10.0 287.5 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 5 14 134 20 -20.6 0.209 -9.000 -9.000 -999. 230. 48.1 0.0270 0.32 1.00 3.29 73.0 10.0 287.0 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 5 14 134 21 -18.0 0.182 -9.000 -9.000 -999. 187. 36.6 0.0300 0.32 1.00 2.84 95.0 10.0 287.0 2.0 0
0.00 83. 1009. 3 ADJ-A1 NoSubs
19 5 14 134 22 -12.4 0.146 -9.000 -9.000 -999. 134. 23.5 0.0270 0.32 1.00 2.35 67.0 10.0 287.0 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 5 14 134 23 -9.6 0.128 -9.000 -9.000 -999. 110. 19.9 0.0300 0.32 1.00 2.05 58.0 10.0 286.4 2.0 0
0.00 86. 1009. 3 ADJ-A1 NoSubs
19 5 14 134 24 -6.6 0.106 -9.000 -9.000 -999. 82. 16.0 0.0270 0.32 1.00 1.74 72.0 10.0 286.4 2.0 0
0.00 86. 1008. 5 ADJ-A1 NoSubs
19 5 15 135 1 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0300 0.32 1.00 1.50 57.0 10.0 286.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 5 15 135 2 -5.1 0.093 -9.000 -9.000 -999. 68. 14.2 0.0310 0.32 1.00 1.50 314.0 10.0 286.4 2.0 0
0.00 86. 1007. 7 ADJ-A1 NoSubs
19 5 15 135 3 -4.3 0.085 -9.000 -9.000 -999. 59. 12.8 0.0250 0.32 1.00 1.42 292.0 10.0 286.4 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 5 15 135 4 -3.0 0.073 -9.000 -9.000 -999. 47. 11.6 0.0300 0.32 1.00 1.14 30.0 10.0 286.4 2.0 0
0.00 86. 1006. 7 ADJ-A1 NoSubs
19 5 15 135 5 -2.5 0.068 -9.000 -9.000 -999. 43. 11.3 0.0300 0.32 1.00 1.01 39.0 10.0 286.4 2.0 0

0.00 89. 1006. 7 ADJ-A1 NoSubs
19 5 15 135 6 -3.0 0.074 -9.000 -9.000 -999. 48. 12.3 0.0250 0.32 0.52 1.23 280.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 5 15 135 7 3.3 0.098 0.209 0.005 98. 73. -25.1 0.0300 0.32 0.28 1.25 93.0 10.0 287.0 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 5 15 135 8 44.4 0.138 0.837 0.005 474. 123. -5.3 0.0360 0.32 0.20 1.45 346.0 10.0 287.5 2.0 11
0.30 89. 1007. 7 ADJ-A1 NoSubs
19 5 15 135 9 19.3 0.133 0.646 0.005 502. 117. -11.0 0.0230 0.32 0.17 1.67 204.0 10.0 288.1 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 5 15 135 10 25.1 0.151 0.721 0.006 537. 141. -12.3 0.0340 0.32 0.16 1.77 145.0 10.0 287.5 2.0 11
0.30 89. 1007. 10 ADJ-A1 NoSubs
19 5 15 135 11 29.3 0.133 0.777 0.006 575. 117. -7.2 0.0270 0.32 0.16 1.55 85.0 10.0 288.1 2.0 11
1.50 93. 1006. 10 ADJ-A1 NoSubs
19 5 15 135 12 31.8 0.177 0.817 0.006 615. 179. -15.7 0.0300 0.32 0.16 2.18 99.0 10.0 290.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
19 5 15 135 13 32.0 0.169 0.836 0.006 653. 167. -13.5 0.0230 0.32 0.16 2.16 195.0 10.0 290.9 2.0 0
0.00 74. 1005. 10 ADJ-A1 NoSubs
19 5 15 135 14 30.3 0.266 0.834 0.005 686. 330. -55.8 0.0280 0.32 0.16 3.63 241.0 10.0 291.4 2.0 0
0.00 67. 1004. 10 ADJ-A1 NoSubs
19 5 15 135 15 26.5 0.158 0.809 0.005 715. 156. -13.2 0.0340 0.32 0.16 1.86 232.0 10.0 292.0 2.0 0
0.00 67. 1003. 10 ADJ-A1 NoSubs
19 5 15 135 16 20.4 0.151 0.749 0.005 734. 140. -14.9 0.0280 0.32 0.17 1.87 243.0 10.0 290.4 2.0 0
0.00 75. 1002. 10 ADJ-A1 NoSubs
19 5 15 135 17 13.2 0.357 0.651 0.005 747. 511. -307.5 0.0340 0.32 0.19 4.97 215.0 10.0 290.4 2.0 0
0.00 67. 1002. 10 ADJ-A1 NoSubs
19 5 15 135 18 4.5 0.255 0.457 0.005 750. 315. -326.2 0.0340 0.32 0.26 3.56 232.0 10.0 288.8 2.0 11
0.80 83. 1002. 10 ADJ-A1 NoSubs
19 5 15 135 19 -20.1 0.285 -9.000 -9.000 -999. 364. 102.1 0.0230 0.32 0.48 4.51 203.0 10.0 287.5 2.0
11 1.80 89. 1001. 10 ADJ-A1 NoSubs
19 5 15 135 20 -8.0 0.118 -9.000 -9.000 -999. 123. 18.1 0.0300 0.32 1.00 1.89 103.0 10.0 287.5 2.0 11
1.30 93. 1001. 10 ADJ-A1 NoSubs
19 5 15 135 21 -22.0 0.226 -9.000 -9.000 -999. 257. 56.0 0.0370 0.32 1.00 3.35 154.0 10.0 287.5 2.0 11
0.30 86. 1001. 10 ADJ-A1 NoSubs
19 5 15 135 22 -31.0 0.318 -9.000 -9.000 -999. 430. 111.0 0.0370 0.32 1.00 4.65 176.0 10.0 287.0 2.0
11 2.50 92. 1001. 10 ADJ-A1 NoSubs
19 5 15 135 23 -42.2 0.429 -9.000 -9.000 -999. 675. 202.9 0.0280 0.32 1.00 6.52 269.0 10.0 285.4 2.0
11 3.80 96. 1002. 10 ADJ-A1 NoSubs
19 5 15 135 24 -26.3 0.267 -9.000 -9.000 -999. 352. 78.7 0.0280 0.32 1.00 4.14 261.0 10.0 284.9 2.0 11
1.80 96. 1003. 10 ADJ-A1 NoSubs
19 5 16 136 1 -20.6 0.209 -9.000 -9.000 -999. 231. 48.1 0.0280 0.32 1.00 3.27 264.0 10.0 284.9 2.0 0
0.00 92. 1003. 10 ADJ-A1 NoSubs
19 5 16 136 2 -15.8 0.165 -9.000 -9.000 -999. 162. 30.1 0.0250 0.32 1.00 2.67 277.0 10.0 284.2 2.0 0
0.00 92. 1003. 3 ADJ-A1 NoSubs
19 5 16 136 3 -7.7 0.114 -9.000 -9.000 -999. 93. 17.2 0.0250 0.32 1.00 1.89 272.0 10.0 284.9 2.0 0
0.00 89. 1003. 10 ADJ-A1 NoSubs
19 5 16 136 4 -20.3 0.206 -9.000 -9.000 -999. 225. 46.9 0.0280 0.32 1.00 3.23 243.0 10.0 284.9 2.0 0
0.00 89. 1003. 7 ADJ-A1 NoSubs
19 5 16 136 5 -23.7 0.240 -9.000 -9.000 -999. 282. 63.3 0.0280 0.32 1.00 3.73 250.0 10.0 284.9 2.0 0
0.00 85. 1004. 5 ADJ-A1 NoSubs
19 5 16 136 6 -15.3 0.256 -9.000 -9.000 -999. 311. 97.8 0.0280 0.32 0.52 3.93 240.0 10.0 285.4 2.0 0
0.00 86. 1004. 7 ADJ-A1 NoSubs
19 5 16 136 7 3.3 0.302 0.155 0.005 40. 399. -747.4 0.0280 0.32 0.27 4.41 247.0 10.0 286.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
19 5 16 136 8 11.5 0.356 0.460 0.005 301. 509. -350.0 0.0280 0.32 0.19 5.14 253.0 10.0 285.4 2.0 11

0.80 82. 1006. 10 ADJ-A1 NoSubs
19 5 16 136 9 19.0 0.360 0.744 0.005 776. 519. -220.5 0.0280 0.32 0.17 5.16 244.0 10.0 285.9 2.0 11
1.80 86. 1006. 10 ADJ-A1 NoSubs
19 5 16 136 10 102.1 0.405 1.339 0.005 845. 618. -58.3 0.0280 0.32 0.16 5.53 248.0 10.0 287.0 2.0 11
0.30 80. 1007. 5 ADJ-A1 NoSubs
19 5 16 136 11 98.8 0.464 1.402 0.005 1004. 758. -90.9 0.0280 0.32 0.16 6.47 242.0 10.0 288.1 2.0 0
0.00 77. 1008. 7 ADJ-A1 NoSubs
19 5 16 136 12 105.3 0.497 1.506 0.005 1167. 839. -104.5 0.0280 0.32 0.16 6.96 252.0 10.0 288.1 2.0
0 0.00 74. 1008. 7 ADJ-A1 NoSubs
19 5 16 136 13 105.6 0.473 1.567 0.005 1311. 783. -90.4 0.0280 0.32 0.16 6.60 248.0 10.0 288.1 2.0
11 0.80 83. 1008. 7 ADJ-A1 NoSubs
19 5 16 136 14 119.0 0.481 1.690 0.005 1462. 801. -84.3 0.0280 0.32 0.16 6.69 246.0 10.0 289.2 2.0 0
0.00 69. 1009. 5 ADJ-A1 NoSubs
19 5 16 136 15 88.0 0.541 1.555 0.005 1541. 955. -162.4 0.0280 0.32 0.16 7.70 258.0 10.0 289.2 2.0 0
0.00 69. 1009. 7 ADJ-A1 NoSubs
19 5 16 136 16 84.5 0.549 1.550 0.005 1588. 975. -175.9 0.0280 0.32 0.17 7.82 256.0 10.0 288.8 2.0 0
0.00 66. 1009. 0 ADJ-A1 NoSubs
19 5 16 136 17 56.1 0.503 1.360 0.005 1617. 860. -204.9 0.0280 0.32 0.19 7.20 257.0 10.0 287.5 2.0 0
0.00 71. 1010. 5 ADJ-A1 NoSubs
19 5 16 136 18 25.0 0.423 1.041 0.005 1629. 666. -273.3 0.0280 0.32 0.26 6.09 265.0 10.0 286.4 2.0 0
0.00 74. 1010. 5 ADJ-A1 NoSubs
19 5 16 136 19 -8.1 0.216 -9.000 -9.000 -999. 282. 112.4 0.0250 0.32 0.48 3.37 287.0 10.0 285.9 2.0 0
0.00 73. 1011. 7 ADJ-A1 NoSubs
19 5 16 136 20 -12.0 0.143 -9.000 -9.000 -999. 133. 22.4 0.0250 0.32 1.00 2.33 292.0 10.0 284.2 2.0 0
0.00 82. 1012. 3 ADJ-A1 NoSubs
19 5 16 136 21 -11.5 0.139 -9.000 -9.000 -999. 125. 21.4 0.0250 0.32 1.00 2.28 291.0 10.0 284.2 2.0 0
0.00 82. 1012. 5 ADJ-A1 NoSubs
19 5 16 136 22 -4.7 0.089 -9.000 -9.000 -999. 64. 13.5 0.0310 0.32 1.00 1.43 305.0 10.0 283.8 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 5 16 136 23 -3.0 0.073 -9.000 -9.000 -999. 48. 11.6 0.0310 0.32 1.00 1.13 323.0 10.0 282.5 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 5 16 136 24 -6.2 0.102 -9.000 -9.000 -999. 78. 15.4 0.0300 0.32 1.00 1.65 1.0 10.0 281.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 5 17 137 1 -7.0 0.109 -9.000 -9.000 -999. 87. 16.8 0.0360 0.32 1.00 1.71 351.0 10.0 281.4 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 5 17 137 2 -5.5 0.097 -9.000 -9.000 -999. 72. 14.7 0.0360 0.32 1.00 1.52 352.0 10.0 279.9 2.0 0
0.00 95. 1013. 0 ADJ-A1 NoSubs
19 5 17 137 3 -8.4 0.119 -9.000 -9.000 -999. 99. 18.4 0.0360 0.32 1.00 1.86 340.0 10.0 279.9 2.0 0
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19 5 17 137 4 -11.3 0.140 -9.000 -9.000 -999. 125. 21.8 0.0360 0.32 1.00 2.15 333.0 10.0 279.9 2.0 0
0.00 95. 1013. 7 ADJ-A1 NoSubs
19 5 17 137 5 -9.6 0.128 -9.000 -9.000 -999. 110. 19.6 0.0310 0.32 1.00 2.03 329.0 10.0 280.4 2.0 0
0.00 96. 1014. 7 ADJ-A1 NoSubs
19 5 17 137 6 -3.4 0.079 -9.000 -9.000 -999. 54. 13.1 0.0300 0.32 0.51 1.28 7.0 10.0 281.4 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
19 5 17 137 7 21.5 0.105 0.775 0.005 785. 82. -4.9 0.0310 0.32 0.27 1.13 318.0 10.0 283.8 2.0 0
0.00 85. 1015. 5 ADJ-A1 NoSubs
19 5 17 137 8 44.7 0.119 1.041 0.005 912. 99. -3.4 0.0280 0.32 0.19 1.25 248.0 10.0 286.4 2.0 0
0.00 69. 1015. 7 ADJ-A1 NoSubs
19 5 17 137 9 83.9 0.181 1.397 0.005 1177. 185. -6.4 0.0250 0.32 0.17 2.11 270.0 10.0 287.0 2.0 0
0.00 61. 1015. 3 ADJ-A1 NoSubs
19 5 17 137 10 25.1 0.256 0.940 0.005 1195. 311. -60.6 0.0280 0.32 0.16 3.51 255.0 10.0 287.0 2.0 0
0.00 68. 1015. 10 ADJ-A1 NoSubs
19 5 17 137 11 29.4 0.246 0.996 0.005 1215. 293. -45.8 0.0340 0.32 0.16 3.20 236.0 10.0 288.1 2.0 0

0.00 63. 1015. 10 ADJ-A1 NoSubs
19 5 17 137 12 31.7 0.142 1.027 0.005 1237. 133. -8.2 0.0250 0.32 0.16 1.70 275.0 10.0 289.2 2.0 0
0.00 57. 1015. 10 ADJ-A1 NoSubs
19 5 17 137 13 31.8 0.236 1.034 0.005 1258. 276. -37.6 0.0250 0.32 0.16 3.22 287.0 10.0 289.2 2.0 0
0.00 57. 1015. 10 ADJ-A1 NoSubs
19 5 17 137 14 100.7 0.329 1.544 0.005 1325. 453. -32.0 0.0280 0.32 0.16 4.34 241.0 10.0 291.4 2.0 0
0.00 49. 1015. 7 ADJ-A1 NoSubs
19 5 17 137 15 110.0 0.369 1.617 0.005 1392. 537. -41.1 0.0280 0.32 0.16 4.94 246.0 10.0 290.9 2.0 0
0.00 51. 1014. 3 ADJ-A1 NoSubs
19 5 17 137 16 85.0 0.387 1.501 0.005 1441. 579. -61.9 0.0280 0.32 0.17 5.31 248.0 10.0 289.9 2.0 0
0.00 55. 1014. 0 ADJ-A1 NoSubs
19 5 17 137 17 58.5 0.365 1.336 0.005 1473. 530. -75.2 0.0280 0.32 0.19 5.05 261.0 10.0 288.8 2.0 0
0.00 66. 1014. 3 ADJ-A1 NoSubs
19 5 17 137 18 22.6 0.212 0.976 0.005 1485. 251. -38.1 0.0280 0.32 0.26 2.83 264.0 10.0 288.1 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
19 5 17 137 19 -5.1 0.106 -9.000 -9.000 -999. 91. 21.6 0.0300 0.32 0.47 1.69 95.0 10.0 287.5 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
19 5 17 137 20 -12.2 0.145 -9.000 -9.000 -999. 132. 23.1 0.0270 0.32 1.00 2.33 71.0 10.0 285.9 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
19 5 17 137 21 -16.7 0.170 -9.000 -9.000 -999. 169. 31.9 0.0270 0.32 1.00 2.71 85.0 10.0 284.9 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
19 5 17 137 22 -10.5 0.134 -9.000 -9.000 -999. 118. 20.7 0.0300 0.32 1.00 2.13 118.0 10.0 283.8 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 5 17 137 23 -5.3 0.095 -9.000 -9.000 -999. 71. 14.6 0.0360 0.32 1.00 1.50 354.0 10.0 282.5 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 5 17 137 24 -7.9 0.117 -9.000 -9.000 -999. 96. 18.0 0.0360 0.32 1.00 1.82 357.0 10.0 282.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 5 18 138 1 -8.8 0.123 -9.000 -9.000 -999. 103. 19.1 0.0360 0.32 1.00 1.91 344.0 10.0 281.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 5 18 138 2 -12.6 0.148 -9.000 -9.000 -999. 137. 24.2 0.0360 0.32 1.00 2.27 332.0 10.0 280.9 2.0 0
0.00 95. 1010. 0 ADJ-A1 NoSubs
19 5 18 138 3 -11.4 0.141 -9.000 -9.000 -999. 126. 22.0 0.0360 0.32 1.00 2.16 338.0 10.0 280.4 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
19 5 18 138 4 -11.5 0.141 -9.000 -9.000 -999. 127. 21.8 0.0310 0.32 1.00 2.22 323.0 10.0 280.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 5 18 138 5 -6.1 0.101 -9.000 -9.000 -999. 77. 15.2 0.0300 0.32 1.00 1.64 16.0 10.0 279.9 2.0 0
0.00 95. 1009. 0 ADJ-A1 NoSubs
19 5 18 138 6 -4.4 0.094 -9.000 -9.000 -999. 69. 16.7 0.0360 0.32 0.51 1.47 344.0 10.0 280.4 2.0 0
0.00 96. 1009. 0 ADJ-A1 NoSubs
19 5 18 138 7 18.4 0.098 0.700 0.013 670. 74. -4.7 0.0300 0.32 0.27 1.06 11.0 10.0 283.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 5 18 138 8 52.1 0.112 1.029 0.014 753. 90. -2.4 0.0340 0.32 0.19 1.06 137.0 10.0 285.4 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 5 18 138 9 81.8 0.158 1.234 0.015 827. 151. -4.4 0.0230 0.32 0.17 1.79 199.0 10.0 286.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 5 18 138 10 105.4 0.251 1.384 0.015 906. 301. -13.4 0.0340 0.32 0.16 2.96 225.0 10.0 287.0 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
19 5 18 138 11 29.1 0.238 0.905 0.015 915. 279. -41.9 0.0280 0.32 0.16 3.20 240.0 10.0 285.9 2.0 0
0.00 82. 1009. 10 ADJ-A1 NoSubs
19 5 18 138 12 31.2 0.153 0.928 0.015 923. 147. -10.4 0.0280 0.32 0.16 1.84 261.0 10.0 285.9 2.0 11
0.50 86. 1009. 10 ADJ-A1 NoSubs
19 5 18 138 13 31.2 0.193 0.931 0.015 931. 203. -20.7 0.0250 0.32 0.16 2.52 273.0 10.0 285.4 2.0 11
1.30 92. 1009. 10 ADJ-A1 NoSubs
19 5 18 138 14 29.2 0.173 0.913 0.015 938. 173. -16.0 0.0340 0.32 0.16 2.08 234.0 10.0 284.2 2.0 11

2.30 89. 1009. 10 ADJ-A1 NoSubs
19 5 18 138 15 25.4 0.155 0.874 0.015 945. 146. -13.1 0.0300 0.32 0.16 1.87 7.0 10.0 284.9 2.0 11
1.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 18 138 16 19.7 0.148 0.805 0.014 950. 137. -14.7 0.0300 0.32 0.17 1.81 13.0 10.0 284.9 2.0 11
1.50 89. 1008. 10 ADJ-A1 NoSubs
19 5 18 138 17 12.3 0.151 0.690 0.014 953. 141. -25.2 0.0300 0.32 0.19 1.94 42.0 10.0 283.8 2.0 11
3.60 96. 1007. 10 ADJ-A1 NoSubs
19 5 18 138 18 4.2 0.268 0.483 0.014 955. 332. -407.7 0.0300 0.32 0.26 3.83 108.0 10.0 284.9 2.0 11
0.30 92. 1005. 10 ADJ-A1 NoSubs
19 5 18 138 19 -12.3 0.174 -9.000 -9.000 -999. 178. 38.6 0.0340 0.32 0.47 2.64 122.0 10.0 284.9 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
19 5 18 138 20 -14.6 0.161 -9.000 -9.000 -999. 155. 28.6 0.0370 0.32 1.00 2.44 154.0 10.0 284.2 2.0 11
0.30 96. 1004. 10 ADJ-A1 NoSubs
19 5 18 138 21 -7.8 0.117 -9.000 -9.000 -999. 96. 18.1 0.0370 0.32 1.00 1.81 167.0 10.0 284.2 2.0 11
0.50 92. 1004. 10 ADJ-A1 NoSubs
19 5 18 138 22 -5.8 0.100 -9.000 -9.000 -999. 76. 15.3 0.0340 0.32 1.00 1.59 135.0 10.0 284.2 2.0 11
2.00 96. 1003. 10 ADJ-A1 NoSubs
19 5 18 138 23 -6.3 0.103 -9.000 -9.000 -999. 79. 15.3 0.0230 0.32 1.00 1.74 196.0 10.0 284.2 2.0 11
1.50 96. 1003. 10 ADJ-A1 NoSubs
19 5 18 138 24 -17.4 0.177 -9.000 -9.000 -999. 179. 34.4 0.0370 0.32 1.00 2.66 155.0 10.0 284.2 2.0 11
0.30 92. 1003. 10 ADJ-A1 NoSubs
19 5 19 139 1 -23.0 0.233 -9.000 -9.000 -999. 271. 59.9 0.0370 0.32 1.00 3.46 179.0 10.0 284.9 2.0 0
0.00 92. 1003. 10 ADJ-A1 NoSubs
19 5 19 139 2 -4.9 0.092 -9.000 -9.000 -999. 85. 14.2 0.0360 0.32 1.00 1.45 350.0 10.0 284.2 2.0 0
0.00 96. 1003. 10 ADJ-A1 NoSubs
19 5 19 139 3 -4.0 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.32 1.00 1.33 328.0 10.0 283.1 2.0 0
0.00 96. 1003. 3 ADJ-A1 NoSubs
19 5 19 139 4 -6.5 0.106 -9.000 -9.000 -999. 82. 16.1 0.0310 0.32 1.00 1.70 315.0 10.0 283.1 2.0 0
0.00 96. 1003. 7 ADJ-A1 NoSubs
19 5 19 139 5 -4.0 0.083 -9.000 -9.000 -999. 58. 12.9 0.0360 0.32 1.00 1.30 355.0 10.0 282.5 2.0 0
0.00 100. 1002. 10 ADJ-A1 NoSubs
19 5 19 139 6 -13.2 0.168 -9.000 -9.000 -999. 165. 31.9 0.0280 0.32 0.51 2.64 258.0 10.0 285.4 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
19 5 19 139 7 3.0 0.279 0.157 0.005 46. 354. -649.3 0.0230 0.32 0.27 4.20 196.0 10.0 282.1 2.0 11
0.20 93. 1003. 10 ADJ-A1 NoSubs
19 5 19 139 8 11.4 0.175 0.468 0.005 321. 181. -42.1 0.0250 0.32 0.19 2.40 285.0 10.0 282.5 2.0 11
8.60 96. 1003. 10 ADJ-A1 NoSubs
19 5 19 139 9 18.9 0.196 0.674 0.005 580. 208. -35.6 0.0300 0.32 0.17 2.57 104.0 10.0 283.8 2.0 11
0.50 96. 1004. 10 ADJ-A1 NoSubs
19 5 19 139 10 24.8 0.234 0.750 0.005 608. 272. -46.3 0.0300 0.32 0.16 3.12 97.0 10.0 284.2 2.0 11
0.30 96. 1004. 10 ADJ-A1 NoSubs
19 5 19 139 11 99.0 0.170 1.373 0.005 937. 169. -4.4 0.0270 0.32 0.16 1.86 79.0 10.0 286.4 2.0 0
0.00 83. 1004. 7 ADJ-A1 NoSubs
19 5 19 139 12 31.2 0.241 0.947 0.005 976. 284. -40.3 0.0280 0.32 0.16 3.23 252.0 10.0 285.4 2.0 11
0.50 86. 1005. 10 ADJ-A1 NoSubs
19 5 19 139 13 131.1 0.379 1.612 0.005 1147. 560. -37.2 0.0280 0.32 0.16 5.05 258.0 10.0 289.2 2.0 0
0.00 74. 1005. 0 ADJ-A1 NoSubs
19 5 19 139 14 29.5 0.385 0.995 0.005 1197. 572. -172.9 0.0280 0.32 0.16 5.48 260.0 10.0 285.9 2.0
11 1.00 86. 1005. 10 ADJ-A1 NoSubs
19 5 19 139 15 110.1 0.412 1.620 0.005 1386. 634. -56.9 0.0280 0.32 0.16 5.62 251.0 10.0 288.8 2.0 0
0.00 68. 1005. 3 ADJ-A1 NoSubs
19 5 19 139 16 83.9 0.433 1.532 0.005 1539. 683. -86.5 0.0280 0.32 0.17 6.02 253.0 10.0 288.1 2.0 0
0.00 68. 1005. 5 ADJ-A1 NoSubs
19 5 19 139 17 57.0 0.396 1.373 0.007 1629. 598. -97.3 0.0280 0.32 0.19 5.53 253.0 10.0 287.5 2.0 0

0.00 74. 1005. 5 ADJ-A1 NoSubs
19 5 19 139 18 4.5 0.318 0.592 0.007 1631. 434. -634.2 0.0280 0.32 0.26 4.63 261.0 10.0 286.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
19 5 19 139 19 -7.4 0.123 -9.000 -9.000 -999. 147. 22.8 0.0250 0.32 0.46 2.01 278.0 10.0 285.4 2.0 11
0.30 86. 1005. 10 ADJ-A1 NoSubs
19 5 19 139 20 -17.2 0.173 -9.000 -9.000 -999. 173. 33.0 0.0250 0.32 1.00 2.79 285.0 10.0 284.2 2.0 11
1.50 89. 1006. 10 ADJ-A1 NoSubs
19 5 19 139 21 -5.7 0.098 -9.000 -9.000 -999. 76. 15.0 0.0310 0.32 1.00 1.59 311.0 10.0 283.8 2.0 0
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19 5 19 139 22 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.32 1.00 1.25 350.0 10.0 283.1 2.0 0
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19 5 19 139 23 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0310 0.32 1.00 1.52 329.0 10.0 282.5 2.0 0
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19 5 19 139 24 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0360 0.32 1.00 1.59 340.0 10.0 282.5 2.0 0
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19 5 20 140 1 -7.8 0.115 -9.000 -9.000 -999. 93. 17.5 0.0310 0.32 1.00 1.84 328.0 10.0 282.0 2.0 0
0.00 95. 1007. 0 ADJ-A1 NoSubs
19 5 20 140 2 -8.8 0.123 -9.000 -9.000 -999. 103. 19.1 0.0360 0.32 1.00 1.91 342.0 10.0 281.4 2.0 0
0.00 96. 1007. 0 ADJ-A1 NoSubs
19 5 20 140 3 -10.3 0.133 -9.000 -9.000 -999. 117. 20.8 0.0360 0.32 1.00 2.06 334.0 10.0 281.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
19 5 20 140 4 -12.9 0.150 -9.000 -9.000 -999. 140. 24.9 0.0360 0.32 1.00 2.30 334.0 10.0 280.9 2.0 0
0.00 95. 1007. 0 ADJ-A1 NoSubs
19 5 20 140 5 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0360 0.32 1.00 1.93 336.0 10.0 280.9 2.0 0
0.00 95. 1008. 7 ADJ-A1 NoSubs
19 5 20 140 6 -4.8 0.096 -9.000 -9.000 -999. 71. 16.2 0.0360 0.32 0.50 1.50 343.0 10.0 281.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 5 20 140 7 3.3 0.099 0.162 0.005 46. 75. -26.3 0.0360 0.32 0.27 1.23 331.0 10.0 284.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 20 140 8 45.4 0.113 0.829 0.005 452. 91. -2.9 0.0230 0.32 0.19 1.21 202.0 10.0 285.9 2.0 0
0.00 82. 1010. 7 ADJ-A1 NoSubs
19 5 20 140 9 19.3 0.136 0.647 0.005 503. 120. -11.6 0.0370 0.32 0.17 1.55 168.0 10.0 286.4 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 5 20 140 10 25.3 0.253 0.734 0.005 562. 306. -58.0 0.0340 0.32 0.16 3.34 230.0 10.0 287.0 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 5 20 140 11 29.6 0.226 0.801 0.005 625. 258. -35.1 0.0280 0.32 0.16 3.00 244.0 10.0 288.1 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
19 5 20 140 12 31.8 0.295 0.846 0.005 687. 384. -72.7 0.0340 0.32 0.16 3.93 231.0 10.0 288.8 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
19 5 20 140 13 106.7 0.345 1.360 0.005 850. 487. -34.8 0.0280 0.32 0.16 4.58 242.0 10.0 290.4 2.0 0
0.00 64. 1011. 7 ADJ-A1 NoSubs
19 5 20 140 14 101.1 0.375 1.398 0.005 976. 552. -47.2 0.0280 0.32 0.16 5.07 244.0 10.0 290.9 2.0 0
0.00 64. 1011. 7 ADJ-A1 NoSubs
19 5 20 140 15 110.6 0.435 1.497 0.005 1095. 689. -67.2 0.0280 0.32 0.16 5.99 246.0 10.0 290.4 2.0 0
0.00 64. 1010. 3 ADJ-A1 NoSubs
19 5 20 140 16 85.9 0.441 1.411 0.006 1179. 702. -89.7 0.0280 0.32 0.17 6.14 254.0 10.0 289.9 2.0 0
0.00 61. 1010. 0 ADJ-A1 NoSubs
19 5 20 140 17 13.3 0.423 0.760 0.006 1189. 662. -514.3 0.0280 0.32 0.19 6.15 258.0 10.0 288.8 2.0 0
0.00 66. 1010. 10 ADJ-A1 NoSubs
19 5 20 140 18 4.6 0.424 0.535 0.006 1190. 662. -1475.1 0.0280 0.32 0.25 6.20 256.0 10.0 286.4 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 5 20 140 19 -21.1 0.318 -9.000 -9.000 -999. 438. 137.4 0.0280 0.32 0.46 4.85 256.0 10.0 286.4 2.0 0
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0.00 86. 1011. 3 ADJ-A1 NoSubs
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19 5 20 140 22 -7.8 0.115 -9.000 -9.000 -999. 94. 17.5 0.0280 0.32 1.00 1.87 245.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 5 20 140 23 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0360 0.32 1.00 1.93 339.0 10.0 283.8 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 5 20 140 24 -7.0 0.110 -9.000 -9.000 -999. 87. 17.0 0.0360 0.32 1.00 1.72 333.0 10.0 284.2 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 5 21 141 1 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0360 0.32 1.00 1.30 345.0 10.0 284.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 5 21 141 2 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.32 1.00 1.25 13.0 10.0 284.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 5 21 141 3 -9.5 0.129 -9.000 -9.000 -999. 111. 20.1 0.0340 0.32 1.00 2.01 136.0 10.0 285.4 2.0 11
0.80 92. 1008. 10 ADJ-A1 NoSubs
19 5 21 141 4 -20.8 0.210 -9.000 -9.000 -999. 231. 48.6 0.0250 0.32 1.00 3.35 274.0 10.0 284.9 2.0 11
1.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 21 141 5 -7.5 0.113 -9.000 -9.000 -999. 95. 17.1 0.0280 0.32 1.00 1.84 258.0 10.0 283.1 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 5 21 141 6 -12.5 0.158 -9.000 -9.000 -999. 151. 28.7 0.0280 0.32 0.50 2.50 269.0 10.0 284.2 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 21 141 7 3.6 0.154 0.397 0.005 631. 145. -91.9 0.0310 0.32 0.27 2.11 307.0 10.0 285.4 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 5 21 141 8 55.8 0.234 1.104 0.005 869. 271. -20.6 0.0250 0.32 0.19 3.05 290.0 10.0 286.4 2.0 0
0.00 77. 1009. 3 ADJ-A1 NoSubs
19 5 21 141 9 19.7 0.268 0.785 0.005 882. 333. -88.1 0.0250 0.32 0.17 3.81 273.0 10.0 288.1 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
19 5 21 141 10 25.4 0.353 0.860 0.005 899. 504. -156.0 0.0280 0.32 0.16 5.02 258.0 10.0 287.5 2.0 11
0.30 86. 1009. 10 ADJ-A1 NoSubs
19 5 21 141 11 29.4 0.416 0.909 0.005 918. 644. -220.0 0.0280 0.32 0.16 5.96 259.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 21 141 12 105.9 0.426 1.424 0.005 983. 666. -65.5 0.0280 0.32 0.16 5.85 266.0 10.0 287.0 2.0 11
0.50 83. 1009. 7 ADJ-A1 NoSubs
19 5 21 141 13 126.8 0.475 1.585 0.005 1130. 785. -75.9 0.0280 0.32 0.16 6.57 263.0 10.0 289.2 2.0 0
0.00 71. 1008. 5 ADJ-A1 NoSubs
19 5 21 141 14 101.1 0.420 1.563 0.005 1358. 656. -65.8 0.0250 0.32 0.16 5.89 271.0 10.0 290.4 2.0 0
0.00 59. 1008. 7 ADJ-A1 NoSubs
19 5 21 141 15 88.9 0.418 1.560 0.005 1537. 649. -73.9 0.0280 0.32 0.16 5.78 264.0 10.0 289.2 2.0 0
0.00 66. 1007. 7 ADJ-A1 NoSubs
19 5 21 141 16 20.6 0.411 0.966 0.005 1577. 632. -302.4 0.0280 0.32 0.17 5.92 265.0 10.0 288.8 2.0 0
0.00 61. 1007. 10 ADJ-A1 NoSubs
19 5 21 141 17 13.2 0.345 0.837 0.005 1599. 490. -280.7 0.0250 0.32 0.19 5.07 271.0 10.0 287.5 2.0 0
0.00 71. 1007. 10 ADJ-A1 NoSubs
19 5 21 141 18 23.0 0.274 1.018 0.006 1644. 347. -80.2 0.0250 0.32 0.25 3.88 297.0 10.0 287.5 2.0 0
0.00 66. 1006. 7 ADJ-A1 NoSubs
19 5 21 141 19 -17.0 0.262 -9.000 -9.000 -999. 322. 95.0 0.0250 0.32 0.46 4.10 287.0 10.0 286.4 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
19 5 21 141 20 -24.4 0.248 -9.000 -9.000 -999. 296. 67.5 0.0250 0.32 1.00 3.92 272.0 10.0 285.4 2.0 0
0.00 74. 1006. 7 ADJ-A1 NoSubs
19 5 21 141 21 -20.0 0.202 -9.000 -9.000 -999. 219. 45.1 0.0280 0.32 1.00 3.17 262.0 10.0 284.9 2.0 0
0.00 79. 1007. 5 ADJ-A1 NoSubs
19 5 21 141 22 -22.8 0.231 -9.000 -9.000 -999. 266. 58.5 0.0280 0.32 1.00 3.59 260.0 10.0 284.9 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
19 5 21 141 23 -14.2 0.157 -9.000 -9.000 -999. 151. 27.2 0.0280 0.32 1.00 2.50 243.0 10.0 284.9 2.0 0

0.00 82. 1006. 10 ADJ-A1 NoSubs
19 5 21 141 24 -18.5 0.188 -9.000 -9.000 -999. 195. 38.7 0.0280 0.32 1.00 2.95 258.0 10.0 285.4 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
19 5 22 142 1 -16.1 0.168 -9.000 -9.000 -999. 165. 31.1 0.0280 0.32 1.00 2.66 246.0 10.0 284.9 2.0 0
0.00 82. 1005. 10 ADJ-A1 NoSubs
19 5 22 142 2 -10.1 0.132 -9.000 -9.000 -999. 115. 20.1 0.0250 0.32 1.00 2.16 275.0 10.0 284.9 2.0 0
0.00 82. 1005. 10 ADJ-A1 NoSubs
19 5 22 142 3 -3.9 0.081 -9.000 -9.000 -999. 56. 12.5 0.0300 0.32 1.00 1.31 27.0 10.0 284.2 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
19 5 22 142 4 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0360 0.32 1.00 1.59 343.0 10.0 283.1 2.0 0
0.00 92. 1004. 3 ADJ-A1 NoSubs
19 5 22 142 5 -3.1 0.074 -9.000 -9.000 -999. 48. 11.7 0.0300 0.32 1.00 1.16 16.0 10.0 283.1 2.0 0
0.00 92. 1004. 3 ADJ-A1 NoSubs
19 5 22 142 6 -3.4 0.092 -9.000 -9.000 -999. 67. 20.2 0.0360 0.32 0.49 1.42 344.0 10.0 283.1 2.0 0
0.00 92. 1004. 7 ADJ-A1 NoSubs
19 5 22 142 7 23.1 0.117 0.682 0.005 491. 96. -6.1 0.0360 0.32 0.27 1.25 356.0 10.0 284.9 2.0 0
0.00 89. 1004. 5 ADJ-A1 NoSubs
19 5 22 142 8 56.3 0.130 1.041 0.006 718. 113. -3.5 0.0340 0.32 0.19 1.31 233.0 10.0 288.1 2.0 0
0.00 68. 1005. 3 ADJ-A1 NoSubs
19 5 22 142 9 19.9 0.138 0.758 0.006 782. 123. -11.7 0.0230 0.32 0.17 1.74 196.0 10.0 289.2 2.0 0
0.00 66. 1005. 10 ADJ-A1 NoSubs
19 5 22 142 10 87.7 0.183 1.318 0.007 937. 188. -6.3 0.0250 0.32 0.16 2.13 270.0 10.0 291.4 2.0 0
0.00 55. 1004. 7 ADJ-A1 NoSubs
19 5 22 142 11 125.1 0.280 1.510 0.006 986. 355. -15.7 0.0250 0.32 0.16 3.57 273.0 10.0 291.4 2.0 0
0.00 60. 1004. 3 ADJ-A1 NoSubs
19 5 22 142 12 107.1 0.396 1.453 0.006 1027. 597. -51.8 0.0340 0.32 0.16 5.18 228.0 10.0 292.5 2.0 0
0.00 58. 1004. 7 ADJ-A1 NoSubs
19 5 22 142 13 134.2 0.404 1.591 0.005 1076. 616. -44.0 0.0340 0.32 0.16 5.24 233.0 10.0 293.4 2.0 0
0.00 999. 1004. 3 ADJ-A1 Sub_TT
19 5 22 142 14 127.2 0.422 1.585 0.005 1121. 657. -52.8 0.0280 0.32 0.16 5.73 245.0 10.0 294.2 2.0 0
0.00 52. 1004. 3 ADJ-A1 NoSubs
19 5 22 142 15 106.9 0.393 1.525 0.005 1188. 592. -50.8 0.0280 0.32 0.16 5.33 248.0 10.0 294.2 2.0 0
0.00 50. 1003. 5 ADJ-A1 NoSubs
19 5 22 142 16 85.5 0.351 1.443 0.005 1257. 501. -45.3 0.0280 0.32 0.17 4.73 242.0 10.0 292.5 2.0 0
0.00 56. 1003. 5 ADJ-A1 NoSubs
19 5 22 142 17 57.9 0.340 1.281 0.005 1299. 475. -60.6 0.0280 0.32 0.19 4.65 251.0 10.0 290.4 2.0 0
0.00 67. 1003. 0 ADJ-A1 NoSubs
19 5 22 142 18 25.1 0.224 0.975 0.005 1321. 262. -40.0 0.0280 0.32 0.25 3.00 265.0 10.0 291.4 2.0 0
0.00 67. 1003. 0 ADJ-A1 NoSubs
19 5 22 142 19 -7.0 0.149 -9.000 -9.000 -999. 140. 42.5 0.0300 0.32 0.45 2.30 11.0 10.0 289.9 2.0 0
0.00 74. 1004. 0 ADJ-A1 NoSubs
19 5 22 142 20 -17.1 0.176 -9.000 -9.000 -999. 177. 34.0 0.0270 0.32 1.00 2.79 79.0 10.0 288.1 2.0 0
0.00 80. 1004. 0 ADJ-A1 NoSubs
19 5 22 142 21 -19.1 0.195 -9.000 -9.000 -999. 207. 41.9 0.0270 0.32 1.00 3.08 86.0 10.0 287.0 2.0 0
0.00 86. 1005. 7 ADJ-A1 NoSubs
19 5 22 142 22 -20.6 0.210 -9.000 -9.000 -999. 231. 48.4 0.0270 0.32 1.00 3.30 85.0 10.0 286.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
19 5 22 142 23 -18.3 0.186 -9.000 -9.000 -999. 193. 38.2 0.0270 0.32 1.00 2.95 89.0 10.0 285.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
19 5 22 142 24 -22.5 0.229 -9.000 -9.000 -999. 262. 57.5 0.0300 0.32 1.00 3.52 97.0 10.0 285.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
19 5 23 143 1 -11.6 0.142 -9.000 -9.000 -999. 131. 22.2 0.0300 0.32 1.00 2.25 95.0 10.0 285.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
19 5 23 143 2 -3.8 0.080 -9.000 -9.000 -999. 55. 12.2 0.0270 0.32 1.00 1.31 85.0 10.0 285.9 2.0 0

0.00 92. 1003. 10 ADJ-A1 NoSubs
19 5 23 143 3 -2.4 0.067 -9.000 -9.000 -999. 42. 11.2 0.0280 0.32 1.00 1.01 246.0 10.0 285.9 2.0 0
0.00 96. 1003. 10 ADJ-A1 NoSubs
19 5 23 143 4 -3.5 0.079 -9.000 -9.000 -999. 53. 12.3 0.0340 0.32 1.00 1.23 215.0 10.0 285.9 2.0 0
0.00 96. 1003. 10 ADJ-A1 NoSubs
19 5 23 143 5 -9.5 0.129 -9.000 -9.000 -999. 112. 20.3 0.0370 0.32 1.00 1.99 171.0 10.0 285.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
19 5 23 143 6 -7.7 0.125 -9.000 -9.000 -999. 106. 22.7 0.0370 0.32 0.49 1.91 173.0 10.0 285.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
19 5 23 143 7 3.8 0.197 0.226 0.014 108. 209. -178.9 0.0340 0.32 0.27 2.71 139.0 10.0 285.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
19 5 23 143 8 12.2 0.107 0.363 0.014 141. 88. -9.1 0.0270 0.32 0.19 1.28 75.0 10.0 286.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
19 5 23 143 9 19.6 0.112 0.463 0.014 181. 89. -6.3 0.0300 0.32 0.17 1.25 102.0 10.0 287.0 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
19 5 23 143 10 25.4 0.236 0.556 0.014 242. 276. -46.6 0.0370 0.32 0.16 3.03 178.0 10.0 287.0 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
19 5 23 143 11 29.6 0.225 0.655 0.014 340. 257. -34.7 0.0230 0.32 0.16 3.10 182.0 10.0 287.5 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
19 5 23 143 12 31.7 0.286 0.718 0.013 419. 366. -66.1 0.0370 0.32 0.16 3.73 179.0 10.0 287.5 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
19 5 23 143 13 31.9 0.273 0.732 0.013 441. 342. -57.1 0.0340 0.32 0.16 3.59 217.0 10.0 288.1 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
19 5 23 143 14 29.8 0.278 0.720 0.012 450. 352. -65.0 0.0340 0.32 0.16 3.69 213.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 5 23 143 15 26.0 0.281 0.693 0.012 459. 358. -76.8 0.0340 0.32 0.16 3.76 224.0 10.0 287.0 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 5 23 143 16 20.5 0.279 0.643 0.012 465. 353. -95.0 0.0340 0.32 0.17 3.76 237.0 10.0 287.5 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
19 5 23 143 17 13.5 0.218 0.562 0.011 470. 246. -69.1 0.0280 0.32 0.19 3.01 265.0 10.0 288.8 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
19 5 23 143 18 5.1 0.194 0.406 0.011 471. 205. -128.6 0.0280 0.32 0.25 2.74 266.0 10.0 287.5 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 5 23 143 19 -5.7 0.111 -9.000 -9.000 -999. 92. 21.8 0.0250 0.32 0.45 1.82 270.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 5 23 143 20 -7.3 0.111 -9.000 -9.000 -999. 89. 17.0 0.0280 0.32 1.00 1.82 262.0 10.0 286.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 5 23 143 21 -5.1 0.092 -9.000 -9.000 -999. 67. 13.8 0.0250 0.32 1.00 1.54 285.0 10.0 287.0 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 5 23 143 22 -3.4 0.076 -9.000 -9.000 -999. 50. 11.7 0.0250 0.32 1.00 1.25 274.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
19 5 23 143 23 -5.6 0.098 -9.000 -9.000 -999. 73. 15.0 0.0340 0.32 1.00 1.55 238.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 5 23 143 24 -5.7 0.098 -9.000 -9.000 -999. 73. 14.7 0.0250 0.32 1.00 1.64 283.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 5 24 144 1 -9.4 0.126 -9.000 -9.000 -999. 108. 19.3 0.0250 0.32 1.00 2.08 298.0 10.0 286.4 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
19 5 24 144 2 -2.1 0.064 -9.000 -9.000 -999. 40. 11.4 0.0280 0.32 1.00 0.89 267.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 5 24 144 3 -2.9 0.071 -9.000 -9.000 -999. 46. 11.4 0.0280 0.32 1.00 1.11 256.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 5 24 144 4 -1.4 0.060 -9.000 -9.000 -999. 35. 13.4 0.0340 0.32 1.00 0.65 135.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 5 24 144 5 -1.7 0.061 -9.000 -9.000 -999. 36. 12.3 0.0310 0.32 1.00 0.75 303.0 10.0 286.4 2.0 0

0.00 89. 1011. 10 ADJ-A1 NoSubs
19 5 24 144 6 -2.8 0.075 -9.000 -9.000 -999. 49. 13.2 0.0300 0.32 0.49 1.21 100.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 5 24 144 7 4.1 0.081 0.306 0.005 250. 55. -11.6 0.0300 0.32 0.26 0.97 13.0 10.0 287.5 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
19 5 24 144 8 12.5 0.120 0.483 0.005 324. 99. -12.3 0.0310 0.32 0.19 1.43 301.0 10.0 288.1 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
19 5 24 144 9 20.0 0.160 0.614 0.007 416. 154. -18.5 0.0280 0.32 0.17 2.03 257.0 10.0 289.2 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
19 5 24 144 10 26.0 0.189 0.717 0.017 511. 197. -23.4 0.0280 0.32 0.16 2.44 269.0 10.0 289.9 2.0 0
0.00 69. 1012. 10 ADJ-A1 NoSubs
19 5 24 144 11 119.7 0.251 1.374 0.018 783. 302. -11.9 0.0280 0.32 0.16 3.05 260.0 10.0 292.0 2.0 0
0.00 64. 1012. 5 ADJ-A1 NoSubs
19 5 24 144 12 132.1 0.330 1.435 0.016 809. 455. -24.5 0.0280 0.32 0.16 4.27 263.0 10.0 292.0 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
19 5 24 144 13 132.6 0.371 1.458 0.015 844. 542. -34.7 0.0280 0.32 0.16 4.92 256.0 10.0 292.0 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
19 5 24 144 14 125.3 0.315 1.465 0.014 906. 426. -22.5 0.0280 0.32 0.16 4.05 249.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 5 24 144 15 109.8 0.340 1.407 0.014 914. 476. -32.3 0.0280 0.32 0.16 4.49 252.0 10.0 291.4 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 5 24 144 16 87.2 0.336 1.306 0.013 921. 467. -39.1 0.0280 0.32 0.17 4.49 252.0 10.0 290.9 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 5 24 144 17 58.3 0.322 1.144 0.012 925. 439. -51.5 0.0280 0.32 0.19 4.37 249.0 10.0 289.2 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 5 24 144 18 25.1 0.275 0.865 0.012 926. 348. -74.8 0.0280 0.32 0.25 3.81 243.0 10.0 287.5 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 5 24 144 19 -10.3 0.225 -9.000 -9.000 -999. 257. 99.0 0.0340 0.32 0.44 3.34 230.0 10.0 286.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 5 24 144 20 -20.5 0.208 -9.000 -9.000 -999. 228. 47.6 0.0370 0.32 1.00 3.10 168.0 10.0 285.9 2.0 0
0.00 92. 1009. 7 ADJ-A1 NoSubs
19 5 24 144 21 -17.9 0.181 -9.000 -9.000 -999. 185. 36.1 0.0340 0.32 1.00 2.76 137.0 10.0 285.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 5 24 144 22 -11.8 0.144 -9.000 -9.000 -999. 131. 22.8 0.0340 0.32 1.00 2.23 138.0 10.0 285.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 24 144 23 -13.9 0.156 -9.000 -9.000 -999. 148. 26.7 0.0300 0.32 1.00 2.45 99.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 24 144 24 -7.9 0.117 -9.000 -9.000 -999. 97. 18.3 0.0370 0.32 1.00 1.82 168.0 10.0 285.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 5 25 145 1 -6.5 0.105 -9.000 -9.000 -999. 82. 15.9 0.0280 0.32 1.00 1.72 245.0 10.0 285.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 5 25 145 2 -4.5 0.087 -9.000 -9.000 -999. 61. 13.0 0.0250 0.32 1.00 1.45 296.0 10.0 285.4 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 5 25 145 3 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.32 1.00 1.40 224.0 10.0 285.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 4 -1.8 0.063 -9.000 -9.000 -999. 38. 12.1 0.0340 0.32 1.00 0.80 225.0 10.0 285.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 5 -11.5 0.140 -9.000 -9.000 -999. 126. 21.6 0.0230 0.32 1.00 2.32 196.0 10.0 284.9 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 6 -11.9 0.161 -9.000 -9.000 -999. 155. 31.3 0.0340 0.32 0.48 2.45 238.0 10.0 285.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 7 3.9 0.182 0.344 0.005 370. 186. -136.5 0.0280 0.32 0.26 2.57 261.0 10.0 285.9 2.0 0
0.00 76. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 8 12.4 0.143 0.526 0.005 421. 131. -21.4 0.0280 0.32 0.19 1.84 265.0 10.0 287.0 2.0 0

0.00 71. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 9 19.8 0.194 0.647 0.007 491. 205. -33.0 0.0340 0.32 0.17 2.47 236.0 10.0 287.5 2.0 0
0.00 71. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 10 25.9 0.285 0.745 0.023 571. 364. -79.8 0.0340 0.32 0.16 3.81 211.0 10.0 289.2 2.0 0
0.00 64. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 11 100.4 0.341 1.301 0.025 787. 477. -35.3 0.0340 0.32 0.16 4.36 215.0 10.0 289.9 2.0 0
0.00 61. 1006. 7 ADJ-A1 NoSubs
19 5 25 145 12 127.1 0.409 1.504 0.026 963. 627. -48.2 0.0340 0.32 0.16 5.33 238.0 10.0 289.9 2.0 0
0.00 61. 1006. 5 ADJ-A1 NoSubs
19 5 25 145 13 134.0 0.438 1.536 0.025 971. 695. -56.2 0.0280 0.32 0.16 5.97 243.0 10.0 290.4 2.0 0
0.00 59. 1006. 3 ADJ-A1 NoSubs
19 5 25 145 14 120.8 0.456 1.488 0.024 979. 738. -70.2 0.0340 0.32 0.16 6.06 236.0 10.0 289.9 2.0 0
0.00 61. 1006. 5 ADJ-A1 NoSubs
19 5 25 145 15 89.5 0.422 1.349 0.023 985. 660. -75.4 0.0280 0.32 0.16 5.84 242.0 10.0 288.8 2.0 0
0.00 66. 1006. 7 ADJ-A1 NoSubs
19 5 25 145 16 20.6 0.400 0.827 0.023 985. 607. -277.9 0.0340 0.32 0.17 5.56 239.0 10.0 287.5 2.0 0
0.00 71. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 17 13.3 0.350 0.715 0.023 986. 500. -290.3 0.0280 0.32 0.19 5.05 246.0 10.0 286.4 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 18 5.0 0.316 0.517 0.023 986. 426. -561.9 0.0280 0.32 0.25 4.59 242.0 10.0 285.9 2.0 0
0.00 76. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 19 -15.6 0.256 -9.000 -9.000 -999. 312. 96.2 0.0280 0.32 0.44 3.93 248.0 10.0 285.4 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 20 -22.7 0.230 -9.000 -9.000 -999. 266. 58.4 0.0340 0.32 1.00 3.47 236.0 10.0 285.4 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
19 5 25 145 21 -27.5 0.279 -9.000 -9.000 -999. 354. 85.7 0.0340 0.32 1.00 4.17 228.0 10.0 285.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
19 5 25 145 22 -26.6 0.269 -9.000 -9.000 -999. 336. 79.8 0.0340 0.32 1.00 4.03 237.0 10.0 285.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
19 5 25 145 23 -25.0 0.253 -9.000 -9.000 -999. 306. 70.6 0.0280 0.32 1.00 3.93 247.0 10.0 285.4 2.0 0
0.00 82. 1005. 10 ADJ-A1 NoSubs
19 5 25 145 24 -20.9 0.212 -9.000 -9.000 -999. 236. 49.7 0.0280 0.32 1.00 3.32 248.0 10.0 285.4 2.0 0
0.00 82. 1005. 10 ADJ-A1 NoSubs
19 5 26 146 1 -23.4 0.237 -9.000 -9.000 -999. 276. 61.6 0.0340 0.32 1.00 3.56 234.0 10.0 284.9 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
19 5 26 146 2 -24.0 0.243 -9.000 -9.000 -999. 288. 65.1 0.0280 0.32 1.00 3.78 248.0 10.0 284.9 2.0 11
1.30 92. 1004. 10 ADJ-A1 NoSubs
19 5 26 146 3 -22.1 0.224 -9.000 -9.000 -999. 254. 55.1 0.0280 0.32 1.00 3.49 266.0 10.0 284.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
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0.00 89. 1004. 10 ADJ-A1 NoSubs
19 5 26 146 5 -10.0 0.131 -9.000 -9.000 -999. 116. 20.1 0.0280 0.32 1.00 2.11 262.0 10.0 283.8 2.0 0
0.00 89. 1004. 10 ADJ-A1 NoSubs
19 5 26 146 6 -7.1 0.119 -9.000 -9.000 -999. 98. 21.1 0.0280 0.32 0.48 1.91 241.0 10.0 283.8 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
19 5 26 146 7 3.8 0.224 0.426 0.005 722. 254. -262.3 0.0280 0.32 0.26 3.22 260.0 10.0 284.9 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
19 5 26 146 8 12.3 0.229 0.642 0.005 767. 263. -86.9 0.0250 0.32 0.19 3.25 275.0 10.0 286.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
19 5 26 146 9 69.1 0.290 1.229 0.005 963. 376. -31.8 0.0280 0.32 0.17 3.83 266.0 10.0 285.9 2.0 0
0.00 79. 1006. 7 ADJ-A1 NoSubs
19 5 26 146 10 87.4 0.371 1.364 0.006 1044. 542. -52.4 0.0280 0.32 0.16 5.04 258.0 10.0 287.0 2.0 0
0.00 71. 1006. 7 ADJ-A1 NoSubs
19 5 26 146 11 125.2 0.493 1.588 0.007 1150. 831. -86.0 0.0280 0.32 0.16 6.86 249.0 10.0 288.8 2.0 0

0.00 61. 1006. 3 ADJ-A1 NoSubs
19 5 26 146 12 106.8 0.601 1.541 0.007 1232. 1116. -182.3 0.0280 0.32 0.16 8.57 252.0 10.0 288.8 2.0
0 0.00 59. 1006. 7 ADJ-A1 NoSubs
19 5 26 146 13 106.9 0.559 1.573 0.007 1308. 1007. -147.0 0.0280 0.32 0.16 7.93 256.0 10.0 287.5 2.0
0 0.00 59. 1007. 7 ADJ-A1 NoSubs
19 5 26 146 14 101.3 0.454 1.572 0.007 1378. 744. -82.7 0.0280 0.32 0.16 6.30 256.0 10.0 287.5 2.0 0
0.00 64. 1007. 7 ADJ-A1 NoSubs
19 5 26 146 15 89.6 0.537 1.522 0.007 1415. 943. -155.0 0.0280 0.32 0.16 7.62 253.0 10.0 288.1 2.0 0
0.00 57. 1007. 7 ADJ-A1 NoSubs
19 5 26 146 16 89.4 0.651 1.531 0.006 1444. 1259. -277.3 0.0280 0.32 0.17 9.37 258.0 10.0 288.1 2.0
0 0.00 63. 1007. 3 ADJ-A1 NoSubs
19 5 26 146 17 13.4 0.417 0.814 0.006 1447. 702. -486.3 0.0280 0.32 0.19 6.05 268.0 10.0 286.4 2.0 0
0.00 69. 1008. 10 ADJ-A1 NoSubs
19 5 26 146 18 5.1 0.282 0.591 0.006 1448. 379. -396.7 0.0250 0.32 0.25 4.17 283.0 10.0 285.9 2.0 0
0.00 68. 1008. 10 ADJ-A1 NoSubs
19 5 26 146 19 -10.9 0.182 -9.000 -9.000 -999. 193. 49.8 0.0250 0.32 0.44 2.89 278.0 10.0 285.4 2.0 0
0.00 71. 1009. 10 ADJ-A1 NoSubs
19 5 26 146 20 -13.0 0.150 -9.000 -9.000 -999. 139. 24.7 0.0280 0.32 1.00 2.39 264.0 10.0 284.9 2.0 0
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19 5 26 146 21 -8.9 0.123 -9.000 -9.000 -999. 103. 18.8 0.0280 0.32 1.00 1.99 253.0 10.0 283.8 2.0 0
0.00 85. 1010. 7 ADJ-A1 NoSubs
19 5 26 146 22 -7.3 0.111 -9.000 -9.000 -999. 89. 16.8 0.0280 0.32 1.00 1.81 249.0 10.0 283.8 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 5 26 146 23 -4.0 0.083 -9.000 -9.000 -999. 58. 12.9 0.0360 0.32 1.00 1.30 339.0 10.0 284.2 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 5 26 146 24 -4.5 0.087 -9.000 -9.000 -999. 62. 13.5 0.0360 0.32 1.00 1.37 341.0 10.0 283.1 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
19 5 27 147 1 -6.1 0.102 -9.000 -9.000 -999. 78. 15.6 0.0360 0.32 1.00 1.60 334.0 10.0 282.5 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
19 5 27 147 2 -7.9 0.117 -9.000 -9.000 -999. 96. 18.0 0.0360 0.32 1.00 1.82 333.0 10.0 282.0 2.0 0
0.00 92. 1011. 7 ADJ-A1 NoSubs
19 5 27 147 3 -6.0 0.101 -9.000 -9.000 -999. 77. 15.5 0.0360 0.32 1.00 1.59 337.0 10.0 282.5 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 5 27 147 4 -7.5 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.32 1.00 1.77 333.0 10.0 282.0 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 5 27 147 5 -7.1 0.110 -9.000 -9.000 -999. 87. 16.9 0.0360 0.32 1.00 1.72 332.0 10.0 281.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 5 27 147 6 -4.9 0.117 -9.000 -9.000 -999. 95. 29.4 0.0360 0.32 0.48 1.76 341.0 10.0 282.5 2.0 0
0.00 89. 1012. 7 ADJ-A1 NoSubs
19 5 27 147 7 24.1 0.148 0.638 0.007 388. 137. -12.2 0.0310 0.32 0.26 1.77 324.0 10.0 283.8 2.0 0
0.00 85. 1012. 5 ADJ-A1 NoSubs
19 5 27 147 8 12.2 0.109 0.548 0.008 484. 87. -9.6 0.0300 0.32 0.19 1.28 23.0 10.0 285.4 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 9 19.9 0.149 0.673 0.008 555. 139. -15.2 0.0280 0.32 0.17 1.86 240.0 10.0 287.5 2.0 0
0.00 71. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 10 109.4 0.225 1.216 0.006 594. 256. -9.4 0.0370 0.32 0.16 2.52 169.0 10.0 289.9 2.0 0
0.00 61. 1013. 3 ADJ-A1 NoSubs
19 5 27 147 11 100.6 0.394 1.204 0.005 628. 593. -54.8 0.0280 0.32 0.16 5.36 241.0 10.0 289.9 2.0 0
0.00 64. 1013. 7 ADJ-A1 NoSubs
19 5 27 147 12 31.8 0.428 0.825 0.005 637. 673. -223.3 0.0280 0.32 0.16 6.14 255.0 10.0 287.5 2.0 0
0.00 74. 1014. 10 ADJ-A1 NoSubs
19 5 27 147 13 32.2 0.301 0.833 0.005 648. 408. -76.6 0.0280 0.32 0.16 4.17 247.0 10.0 289.2 2.0 0
0.00 69. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 14 30.7 0.386 0.824 0.005 658. 576. -169.8 0.0280 0.32 0.16 5.50 258.0 10.0 290.4 2.0 0

0.00 67. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 15 26.9 0.370 0.791 0.005 667. 541. -170.5 0.0280 0.32 0.16 5.27 255.0 10.0 290.4 2.0 0
0.00 69. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 16 21.0 0.331 0.732 0.005 673. 458. -155.5 0.0280 0.32 0.17 4.70 257.0 10.0 289.2 2.0 0
0.00 69. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 17 13.8 0.293 0.638 0.005 677. 382. -164.1 0.0280 0.32 0.19 4.17 251.0 10.0 288.8 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
19 5 27 147 18 5.6 0.244 0.471 0.005 678. 291. -237.2 0.0340 0.32 0.25 3.39 230.0 10.0 288.1 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
19 5 27 147 19 -9.3 0.167 -9.000 -9.000 -999. 166. 45.2 0.0340 0.32 0.43 2.52 222.0 10.0 287.0 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 5 27 147 20 -12.4 0.148 -9.000 -9.000 -999. 136. 24.0 0.0340 0.32 1.00 2.28 139.0 10.0 287.0 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 21 -21.4 0.216 -9.000 -9.000 -999. 242. 51.5 0.0300 0.32 1.00 3.34 100.0 10.0 286.4 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 22 -18.1 0.182 -9.000 -9.000 -999. 187. 36.6 0.0300 0.32 1.00 2.84 96.0 10.0 285.9 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 23 -11.7 0.142 -9.000 -9.000 -999. 129. 22.2 0.0300 0.32 1.00 2.25 91.0 10.0 285.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
19 5 27 147 24 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0300 0.32 1.00 1.38 94.0 10.0 285.4 2.0 0
0.00 86. 1013. 10 ADJ-A1 NoSubs
19 5 28 148 1 -2.6 0.068 -9.000 -9.000 -999. 43. 11.2 0.0270 0.32 1.00 1.04 64.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 28 148 2 -1.8 0.062 -9.000 -9.000 -999. 37. 12.0 0.0300 0.32 1.00 0.79 54.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 28 148 3 -2.2 0.064 -9.000 -9.000 -999. 39. 11.1 0.0250 0.32 1.00 0.94 270.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 28 148 4 -3.5 0.077 -9.000 -9.000 -999. 52. 11.9 0.0280 0.32 1.00 1.25 261.0 10.0 285.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 5 28 148 5 -3.4 0.076 -9.000 -9.000 -999. 51. 11.9 0.0300 0.32 1.00 1.21 36.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 5 28 148 6 -10.6 0.147 -9.000 -9.000 -999. 136. 27.2 0.0300 0.32 0.48 2.30 92.0 10.0 285.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 5 28 148 7 4.2 0.135 0.333 0.011 319. 120. -53.6 0.0300 0.32 0.26 1.82 106.0 10.0 286.4 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 5 28 148 8 12.5 0.164 0.497 0.012 352. 160. -31.9 0.0300 0.32 0.19 2.14 98.0 10.0 287.0 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
19 5 28 148 9 20.0 0.153 0.605 0.013 400. 144. -16.1 0.0340 0.32 0.17 1.84 122.0 10.0 288.1 2.0 0
0.00 71. 1011. 10 ADJ-A1 NoSubs
19 5 28 148 10 25.9 0.222 0.688 0.014 454. 251. -38.0 0.0280 0.32 0.16 2.96 243.0 10.0 288.8 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
19 5 28 148 11 30.2 0.284 0.751 0.015 505. 363. -68.3 0.0280 0.32 0.16 3.91 258.0 10.0 289.9 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
19 5 28 148 12 133.9 0.336 1.307 0.015 601. 468. -25.6 0.0280 0.32 0.16 4.37 249.0 10.0 290.4 2.0 0
0.00 67. 1011. 3 ADJ-A1 NoSubs
19 5 28 148 13 132.8 0.365 1.332 0.014 642. 529. -33.0 0.0340 0.32 0.16 4.65 234.0 10.0 290.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
19 5 28 148 14 125.8 0.286 1.333 0.013 679. 371. -16.8 0.0230 0.32 0.16 3.73 197.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 5 28 148 15 110.4 0.325 1.300 0.013 717. 445. -28.1 0.0370 0.32 0.16 4.03 172.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 5 28 148 16 88.1 0.337 1.230 0.012 762. 469. -39.1 0.0370 0.32 0.17 4.27 160.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 5 28 148 17 59.5 0.332 1.092 0.012 787. 460. -55.6 0.0340 0.32 0.19 4.37 141.0 10.0 289.2 2.0 0

0.00 77. 1009. 0 ADJ-A1 NoSubs
19 5 28 148 18 26.8 0.314 0.840 0.012 795. 422. -103.4 0.0300 0.32 0.25 4.34 109.0 10.0 289.2 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 5 28 148 19 -2.1 0.330 -9.000 -9.000 -999. 454. 1567.6 0.0300 0.32 0.43 4.80 117.0 10.0 286.4 2.0 0
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19 5 28 148 20 -27.8 0.281 -9.000 -9.000 -999. 359. 86.9 0.0300 0.32 1.00 4.29 110.0 10.0 285.9 2.0 0
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19 5 28 148 21 -19.1 0.193 -9.000 -9.000 -999. 207. 41.1 0.0300 0.32 1.00 3.00 102.0 10.0 285.9 2.0 0
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0.00 89. 1010. 10 ADJ-A1 NoSubs
19 5 28 148 23 -12.9 0.150 -9.000 -9.000 -999. 140. 24.6 0.0270 0.32 1.00 2.40 64.0 10.0 285.9 2.0 0
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19 5 28 148 24 -4.7 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.32 1.00 1.47 70.0 10.0 285.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 29 149 1 -3.3 0.076 -9.000 -9.000 -999. 51. 12.1 0.0340 0.32 1.00 1.18 140.0 10.0 285.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 5 29 149 2 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.32 1.00 1.25 20.0 10.0 285.9 2.0 0
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19 5 29 149 3 -3.2 0.075 -9.000 -9.000 -999. 49. 11.6 0.0270 0.32 1.00 1.20 77.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 4 -2.7 0.070 -9.000 -9.000 -999. 44. 11.3 0.0280 0.32 1.00 1.08 262.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
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0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 6 -3.7 0.086 -9.000 -9.000 -999. 61. 15.6 0.0340 0.32 0.47 1.37 145.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 7 4.1 0.147 0.289 0.020 212. 135. -70.6 0.0340 0.32 0.26 1.96 141.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 8 12.4 0.081 0.514 0.026 393. 57. -3.9 0.0230 0.32 0.19 0.91 185.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 9 19.7 0.111 0.617 0.027 428. 89. -6.3 0.0340 0.32 0.17 1.21 238.0 10.0 286.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 10 25.7 0.130 0.680 0.026 439. 112. -7.6 0.0370 0.32 0.16 1.42 152.0 10.0 287.5 2.0 0
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19 5 29 149 11 30.2 0.158 0.724 0.026 452. 150. -11.7 0.0230 0.32 0.16 1.99 196.0 10.0 289.9 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 12 134.3 0.310 1.230 0.024 498. 414. -19.9 0.0340 0.32 0.16 3.80 218.0 10.0 291.4 2.0 0
0.00 72. 1007. 3 ADJ-A1 NoSubs
19 5 29 149 13 133.1 0.362 1.242 0.022 518. 522. -32.0 0.0340 0.32 0.16 4.60 226.0 10.0 290.9 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
19 5 29 149 14 126.0 0.293 1.234 0.021 535. 384. -18.0 0.0340 0.32 0.16 3.56 212.0 10.0 291.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
19 5 29 149 15 110.7 0.291 1.193 0.019 550. 377. -20.0 0.0230 0.32 0.16 3.85 187.0 10.0 290.9 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
19 5 29 149 16 88.3 0.343 1.114 0.018 562. 482. -41.0 0.0370 0.32 0.17 4.36 177.0 10.0 290.4 2.0 0
0.00 75. 1006. 0 ADJ-A1 NoSubs
19 5 29 149 17 59.8 0.353 0.983 0.017 569. 502. -65.7 0.0370 0.32 0.19 4.60 153.0 10.0 289.2 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
19 5 29 149 18 27.1 0.355 0.756 0.017 573. 509. -149.0 0.0340 0.32 0.25 4.87 130.0 10.0 288.8 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
19 5 29 149 19 -10.2 0.287 -9.000 -9.000 -999. 372. 207.9 0.0300 0.32 0.43 4.29 112.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 5 29 149 20 -24.0 0.244 -9.000 -9.000 -999. 289. 65.3 0.0300 0.32 1.00 3.74 91.0 10.0 285.9 2.0 0

0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 21 -25.0 0.253 -9.000 -9.000 -999. 306. 70.5 0.0270 0.32 1.00 3.95 85.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 22 -16.9 0.172 -9.000 -9.000 -999. 173. 32.4 0.0270 0.32 1.00 2.73 71.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 23 -16.6 0.170 -9.000 -9.000 -999. 169. 31.9 0.0270 0.32 1.00 2.71 83.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 29 149 24 -12.8 0.149 -9.000 -9.000 -999. 138. 24.4 0.0270 0.32 1.00 2.39 85.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 30 150 1 -5.9 0.100 -9.000 -9.000 -999. 76. 15.2 0.0300 0.32 1.00 1.62 52.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 30 150 2 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0300 0.32 1.00 1.25 32.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 30 150 3 -3.6 0.079 -9.000 -9.000 -999. 54. 12.3 0.0310 0.32 1.00 1.26 310.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 30 150 4 -3.1 0.073 -9.000 -9.000 -999. 47. 11.4 0.0250 0.32 1.00 1.18 294.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 30 150 5 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0340 0.32 1.00 1.53 210.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 30 150 6 -9.9 0.144 -9.000 -9.000 -999. 131. 26.9 0.0340 0.32 0.47 2.20 142.0 10.0 284.9 2.0 0
0.00 100. 1008. 10 ADJ-A1 NoSubs
19 5 30 150 7 4.1 0.179 0.264 0.005 162. 181. -125.3 0.0370 0.32 0.26 2.40 158.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 30 150 8 12.4 0.152 0.443 0.014 251. 142. -25.4 0.0370 0.32 0.19 1.87 155.0 10.0 285.9 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 5 30 150 9 19.7 0.162 0.560 0.015 320. 156. -19.4 0.0340 0.32 0.17 1.98 136.0 10.0 285.9 2.0 0
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19 5 30 150 10 25.7 0.147 0.655 0.015 393. 135. -11.1 0.0340 0.32 0.16 1.70 125.0 10.0 287.0 2.0 0
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19 5 30 150 11 29.9 0.170 0.728 0.015 464. 168. -14.8 0.0340 0.32 0.16 2.03 138.0 10.0 288.1 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 5 30 150 12 32.6 0.182 0.784 0.016 532. 186. -16.6 0.0230 0.32 0.16 2.37 191.0 10.0 290.9 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
19 5 30 150 13 128.4 0.293 1.343 0.023 678. 381. -17.6 0.0340 0.32 0.16 3.55 218.0 10.0 290.9 2.0 0
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19 5 30 150 14 127.9 0.379 1.349 0.022 690. 561. -38.3 0.0340 0.32 0.16 4.88 235.0 10.0 291.4 2.0 0
0.00 67. 1008. 3 ADJ-A1 NoSubs
19 5 30 150 15 110.8 0.360 1.292 0.021 700. 519. -37.9 0.0340 0.32 0.16 4.63 228.0 10.0 290.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
19 5 30 150 16 88.5 0.261 1.203 0.021 707. 325. -18.0 0.0230 0.32 0.17 3.42 209.0 10.0 290.4 2.0 0
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19 5 30 150 17 60.3 0.223 1.061 0.020 713. 253. -16.5 0.0370 0.32 0.19 2.64 152.0 10.0 290.4 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
19 5 30 150 18 27.4 0.287 0.817 0.020 715. 368. -77.2 0.0300 0.32 0.24 3.92 116.0 10.0 288.8 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 5 30 150 19 -10.7 0.311 -9.000 -9.000 -999. 416. 253.7 0.0300 0.32 0.42 4.63 113.0 10.0 286.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 5 30 150 20 -30.2 0.306 -9.000 -9.000 -999. 407. 103.2 0.0300 0.32 1.00 4.66 105.0 10.0 285.9 2.0 0
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19 5 30 150 21 -24.4 0.246 -9.000 -9.000 -999. 295. 66.7 0.0300 0.32 1.00 3.78 107.0 10.0 285.4 2.0 0
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19 5 30 150 22 -21.7 0.220 -9.000 -9.000 -999. 248. 53.2 0.0300 0.32 1.00 3.39 111.0 10.0 285.4 2.0 0
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19 5 30 150 23 -9.0 0.124 -9.000 -9.000 -999. 109. 19.2 0.0300 0.32 1.00 1.99 118.0 10.0 285.4 2.0 0

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19 5 30 150 24 -6.3 0.103 -9.000 -9.000 -999. 79. 15.7 0.0300 0.32 1.00 1.67 98.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 5 31 151 1 -2.8 0.071 -9.000 -9.000 -999. 46. 11.5 0.0300 0.32 1.00 1.09 22.0 10.0 285.4 2.0 0
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19 5 31 151 2 -3.9 0.082 -9.000 -9.000 -999. 56. 12.6 0.0310 0.32 1.00 1.31 327.0 10.0 285.4 2.0 0
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19 5 31 151 3 -2.6 0.070 -9.000 -9.000 -999. 44. 11.7 0.0360 0.32 1.00 1.01 334.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 31 151 4 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0280 0.32 1.00 1.50 264.0 10.0 284.9 2.0 0
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19 5 31 151 5 -3.4 0.076 -9.000 -9.000 -999. 50. 11.7 0.0250 0.32 1.00 1.25 276.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 5 31 151 6 -3.4 0.083 -9.000 -9.000 -999. 58. 15.2 0.0360 0.32 0.47 1.31 352.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 5 31 151 7 4.2 0.077 0.360 0.025 396. 51. -9.6 0.0270 0.32 0.26 0.92 62.0 10.0 285.9 2.0 0
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19 5 31 151 8 12.6 0.101 0.522 0.025 403. 77. -7.4 0.0360 0.32 0.19 1.11 340.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 5 31 151 9 20.0 0.135 0.610 0.024 408. 119. -11.0 0.0230 0.32 0.17 1.69 205.0 10.0 287.5 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 5 31 151 10 25.8 0.202 0.667 0.024 414. 217. -28.6 0.0280 0.32 0.16 2.64 256.0 10.0 287.5 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 5 31 151 11 30.1 0.223 0.706 0.024 421. 253. -33.1 0.0280 0.32 0.16 2.95 241.0 10.0 288.8 2.0 0
0.00 79. 1008. 10 ADJ-A1 NoSubs
19 5 31 151 12 127.9 0.280 1.170 0.022 450. 355. -15.4 0.0340 0.32 0.16 3.35 221.0 10.0 290.4 2.0 0
0.00 75. 1008. 5 ADJ-A1 NoSubs
19 5 31 151 13 133.4 0.284 1.211 0.020 478. 364. -15.5 0.0230 0.32 0.16 3.68 200.0 10.0 291.4 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
19 5 31 151 14 126.2 0.301 1.224 0.018 522. 397. -19.5 0.0230 0.32 0.16 3.98 207.0 10.0 290.9 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
19 5 31 151 15 111.0 0.309 1.208 0.017 570. 413. -23.9 0.0340 0.32 0.16 3.85 215.0 10.0 290.4 2.0 0
0.00 75. 1006. 0 ADJ-A1 NoSubs
19 5 31 151 16 88.7 0.277 1.144 0.016 606. 351. -21.6 0.0230 0.32 0.17 3.69 199.0 10.0 289.9 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
19 5 31 151 17 50.9 0.292 0.960 0.015 623. 379. -43.8 0.0230 0.32 0.19 4.07 207.0 10.0 287.0 2.0 0
0.00 86. 1006. 7 ADJ-A1 NoSubs
19 5 31 151 18 5.5 0.212 0.458 0.015 624. 237. -155.2 0.0230 0.32 0.24 3.12 200.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 5 31 151 19 -10.9 0.201 -9.000 -9.000 -999. 216. 66.9 0.0370 0.32 0.42 2.96 178.0 10.0 284.9 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
19 5 31 151 20 -15.2 0.165 -9.000 -9.000 -999. 161. 29.9 0.0370 0.32 1.00 2.49 158.0 10.0 284.9 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
19 5 31 151 21 -12.4 0.148 -9.000 -9.000 -999. 136. 23.9 0.0340 0.32 1.00 2.28 148.0 10.0 284.9 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
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0.00 96. 1007. 10 ADJ-A1 NoSubs
19 5 31 151 23 -5.4 0.095 -9.000 -9.000 -999. 70. 14.3 0.0270 0.32 1.00 1.57 69.0 10.0 284.9 2.0 0
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19 5 31 151 24 -3.8 0.081 -9.000 -9.000 -999. 55. 12.4 0.0300 0.32 1.00 1.30 118.0 10.0 284.9 2.0 0
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19 6 1 152 1 -3.1 0.075 -9.000 -9.000 -999. 49. 11.9 0.0340 0.37 1.00 1.14 89.0 10.0 284.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
19 6 1 152 2 -2.1 0.065 -9.000 -9.000 -999. 40. 11.3 0.0280 0.37 1.00 0.92 180.0 10.0 284.9 2.0 0

0.00 96. 1005. 10 ADJ-A1 NoSubs
19 6 1 152 3 -2.9 0.072 -9.000 -9.000 -999. 47. 11.7 0.0340 0.37 1.00 1.09 69.0 10.0 284.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
19 6 1 152 4 -3.7 0.081 -9.000 -9.000 -999. 55. 12.6 0.0360 0.37 1.00 1.25 111.0 10.0 284.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
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0.00 96. 1005. 10 ADJ-A1 NoSubs
19 6 1 152 6 -5.3 0.105 -9.000 -9.000 -999. 82. 19.4 0.0370 0.37 0.48 1.62 54.0 10.0 284.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
19 6 1 152 7 4.4 0.111 0.273 0.031 163. 89. -27.7 0.0340 0.37 0.27 1.40 63.0 10.0 284.9 2.0 0
0.00 96. 1005. 10 ADJ-A1 NoSubs
19 6 1 152 8 13.6 0.146 0.487 0.032 304. 134. -20.7 0.0280 0.37 0.20 1.87 180.0 10.0 285.4 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
19 6 1 152 9 21.7 0.258 0.610 0.033 375. 315. -71.2 0.0420 0.37 0.18 3.30 170.0 10.0 285.9 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 6 1 152 10 28.1 0.221 0.669 0.032 382. 250. -34.5 0.0280 0.37 0.17 2.93 182.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 1 152 11 32.8 0.199 0.709 0.032 390. 214. -21.7 0.0280 0.37 0.17 2.56 194.0 10.0 287.5 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
19 6 1 152 12 35.2 0.261 0.732 0.031 399. 319. -45.1 0.0360 0.37 0.17 3.35 241.0 10.0 288.1 2.0 0
0.00 80. 1006. 10 ADJ-A1 NoSubs
19 6 1 152 13 35.5 0.315 0.738 0.028 406. 424. -79.0 0.0360 0.37 0.17 4.17 249.0 10.0 288.8 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
19 6 1 152 14 33.5 0.320 0.727 0.027 412. 435. -88.1 0.0360 0.37 0.17 4.26 249.0 10.0 288.1 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
19 6 1 152 15 29.4 0.301 0.700 0.029 418. 397. -83.5 0.0360 0.37 0.17 4.00 242.0 10.0 288.8 2.0 0
0.00 79. 1005. 10 ADJ-A1 NoSubs
19 6 1 152 16 23.0 0.300 0.647 0.029 422. 394. -105.4 0.0360 0.37 0.18 4.02 244.0 10.0 287.0 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
19 6 1 152 17 15.1 0.247 0.564 0.028 425. 296. -89.4 0.0450 0.37 0.20 3.15 237.0 10.0 286.4 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
19 6 1 152 18 6.1 0.203 0.418 0.028 426. 219. -121.8 0.0360 0.37 0.25 2.73 243.0 10.0 286.2 2.0 0
0.00 999. 1005. 10 ADJ-A1 Sub_TT
19 6 1 152 19 -9.9 0.192 -9.000 -9.000 -999. 201. 63.6 0.0360 0.37 0.43 2.84 251.0 10.0 285.9 2.0 0
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19 6 1 152 20 -12.8 0.151 -9.000 -9.000 -999. 141. 24.9 0.0360 0.37 1.00 2.30 259.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 1 152 21 -7.5 0.115 -9.000 -9.000 -999. 93. 18.1 0.0450 0.37 1.00 1.72 238.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 1 152 22 -4.9 0.093 -9.000 -9.000 -999. 68. 14.6 0.0450 0.37 1.00 1.40 227.0 10.0 285.9 2.0 0
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19 6 1 152 23 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0360 0.37 1.00 1.65 255.0 10.0 285.4 2.0 0
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19 6 1 152 24 -4.8 0.090 -9.000 -9.000 -999. 65. 13.8 0.0320 0.37 1.00 1.45 283.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 2 153 1 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0360 0.37 1.00 1.82 260.0 10.0 285.4 2.0 0
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19 6 2 153 2 -9.5 0.129 -9.000 -9.000 -999. 111. 20.2 0.0360 0.37 1.00 1.99 240.0 10.0 285.4 2.0 0
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19 6 2 153 3 -19.8 0.201 -9.000 -9.000 -999. 216. 44.3 0.0450 0.37 1.00 2.89 220.0 10.0 284.9 2.0 0
0.00 100. 1006. 10 ADJ-A1 NoSubs
19 6 2 153 4 -17.0 0.176 -9.000 -9.000 -999. 177. 33.9 0.0450 0.37 1.00 2.55 227.0 10.0 284.9 2.0 0
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19 6 2 153 5 -15.2 0.166 -9.000 -9.000 -999. 162. 30.3 0.0450 0.37 1.00 2.42 226.0 10.0 284.9 2.0 0

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19 6 2 153 6 -7.2 0.124 -9.000 -9.000 -999. 105. 23.7 0.0450 0.37 0.47 1.82 234.0 10.0 285.4 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
19 6 2 153 7 4.7 0.149 0.269 0.005 150. 138. -63.8 0.0450 0.37 0.27 1.87 235.0 10.0 285.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 6 2 153 8 13.9 0.190 0.469 0.020 265. 199. -44.3 0.0360 0.37 0.20 2.44 243.0 10.0 287.0 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 6 2 153 9 21.9 0.229 0.586 0.026 330. 263. -49.4 0.0360 0.37 0.18 2.96 249.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 2 153 10 28.5 0.245 0.677 0.028 390. 290. -46.2 0.0360 0.37 0.17 3.15 259.0 10.0 288.1 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 6 2 153 11 33.1 0.304 0.746 0.028 451. 403. -76.5 0.0360 0.37 0.17 4.02 261.0 10.0 288.8 2.0 0
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19 6 2 153 12 147.9 0.395 1.386 0.029 648. 596. -37.5 0.0360 0.37 0.17 5.02 262.0 10.0 290.4 2.0 0
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19 6 2 153 13 148.6 0.392 1.405 0.027 672. 589. -36.4 0.0360 0.37 0.17 4.97 253.0 10.0 290.9 2.0 0
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19 6 2 153 14 134.2 0.366 1.366 0.026 683. 532. -32.9 0.0360 0.37 0.17 4.61 257.0 10.0 289.9 2.0 0
0.00 72. 1008. 5 ADJ-A1 NoSubs
19 6 2 153 15 124.6 0.393 1.339 0.024 693. 591. -43.7 0.0360 0.37 0.17 5.04 258.0 10.0 290.9 2.0 0
0.00 67. 1007. 3 ADJ-A1 NoSubs
19 6 2 153 16 98.1 0.349 1.241 0.023 700. 496. -38.8 0.0360 0.37 0.18 4.44 260.0 10.0 290.9 2.0 0
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19 6 2 153 17 66.9 0.319 1.095 0.023 705. 433. -43.5 0.0360 0.37 0.19 4.09 242.0 10.0 289.9 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
19 6 2 153 18 34.1 0.277 0.875 0.022 707. 352. -56.3 0.0360 0.37 0.25 3.61 250.0 10.0 288.1 2.0 0
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19 6 2 153 19 1.2 0.210 0.286 0.022 707. 233. -705.5 0.0360 0.37 0.42 2.93 243.0 10.0 287.0 2.0 0
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19 6 2 153 20 -18.3 0.186 -9.000 -9.000 -999. 193. 38.0 0.0450 0.37 1.00 2.69 236.0 10.0 285.9 2.0 0
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19 6 2 153 21 -7.6 0.115 -9.000 -9.000 -999. 95. 17.8 0.0360 0.37 1.00 1.79 261.0 10.0 285.9 2.0 0
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19 6 2 153 22 -9.9 0.131 -9.000 -9.000 -999. 114. 20.7 0.0360 0.37 1.00 2.03 247.0 10.0 285.9 2.0 0
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19 6 2 153 24 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0360 0.37 1.00 1.64 257.0 10.0 285.9 2.0 0
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19 6 3 154 1 -8.1 0.118 -9.000 -9.000 -999. 97. 18.4 0.0360 0.37 1.00 1.84 252.0 10.0 285.4 2.0 0
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19 6 3 154 2 -4.1 0.083 -9.000 -9.000 -999. 58. 12.8 0.0320 0.37 1.00 1.33 290.0 10.0 285.9 2.0 0
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19 6 3 154 5 -3.7 0.081 -9.000 -9.000 -999. 55. 12.9 0.0450 0.37 1.00 1.20 214.0 10.0 285.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 6 3 154 6 -3.1 0.079 -9.000 -9.000 -999. 53. 14.3 0.0280 0.37 0.47 1.30 194.0 10.0 285.4 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 6 3 154 7 4.7 0.098 0.282 0.016 172. 73. -17.8 0.0320 0.37 0.27 1.20 279.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 3 154 8 13.7 0.102 0.431 0.018 209. 79. -7.0 0.0450 0.37 0.20 1.06 213.0 10.0 285.9 2.0 0

0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 3 154 9 21.9 0.132 0.540 0.021 258. 115. -9.5 0.0280 0.37 0.18 1.57 193.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 3 154 10 28.6 0.143 0.628 0.022 311. 130. -9.3 0.0280 0.37 0.17 1.70 180.0 10.0 288.8 2.0 0
0.00 79. 1009. 10 ADJ-A1 NoSubs
19 6 3 154 11 132.6 0.206 1.212 0.031 484. 225. -6.0 0.0280 0.37 0.17 2.33 207.0 10.0 291.1 2.0 0
0.00 72. 1009. 5 ADJ-A1 NoSubs
19 6 3 154 12 146.4 0.316 1.276 0.030 511. 427. -19.4 0.0280 0.37 0.17 4.02 207.0 10.0 291.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
19 6 3 154 13 147.2 0.350 1.300 0.028 537. 497. -26.2 0.0450 0.37 0.17 4.14 224.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 6 3 154 14 139.5 0.341 1.310 0.026 579. 477. -25.4 0.0450 0.37 0.17 4.02 213.0 10.0 292.0 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 6 3 154 15 122.7 0.358 1.283 0.025 619. 515. -33.7 0.0450 0.37 0.17 4.32 230.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
19 6 3 154 16 98.2 0.333 1.209 0.024 646. 462. -33.9 0.0450 0.37 0.18 4.02 229.0 10.0 290.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
19 6 3 154 17 67.0 0.332 1.071 0.023 659. 459. -48.9 0.0450 0.37 0.19 4.10 222.0 10.0 289.2 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
19 6 3 154 18 33.9 0.298 0.855 0.023 664. 390. -69.9 0.0450 0.37 0.25 3.75 239.0 10.0 287.0 2.0 0
0.00 83. 1008. 5 ADJ-A1 NoSubs
19 6 3 154 19 -8.2 0.166 -9.000 -9.000 -999. 173. 50.1 0.0360 0.37 0.42 2.47 240.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 3 154 20 -10.9 0.140 -9.000 -9.000 -999. 125. 22.4 0.0450 0.37 1.00 2.06 227.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 3 154 21 -6.0 0.103 -9.000 -9.000 -999. 79. 16.2 0.0450 0.37 1.00 1.55 227.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 3 154 22 -6.0 0.103 -9.000 -9.000 -999. 79. 16.2 0.0450 0.37 1.00 1.55 211.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 3 154 23 -2.7 0.070 -9.000 -9.000 -999. 44. 11.3 0.0280 0.37 1.00 1.08 200.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 3 154 24 -2.5 0.069 -9.000 -9.000 -999. 44. 11.8 0.0390 0.37 1.00 0.97 127.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 4 155 1 -2.2 0.065 -9.000 -9.000 -999. 40. 11.3 0.0280 0.37 1.00 0.94 191.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 4 155 2 -4.2 0.086 -9.000 -9.000 -999. 61. 13.5 0.0420 0.37 1.00 1.31 166.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 6 4 155 3 -7.1 0.111 -9.000 -9.000 -999. 89. 17.4 0.0420 0.37 1.00 1.69 166.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 6 4 155 4 -3.3 0.075 -9.000 -9.000 -999. 50. 11.7 0.0280 0.37 1.00 1.20 200.0 10.0 284.2 2.0 0
0.00 100. 1007. 10 ADJ-A1 NoSubs
19 6 4 155 5 -5.9 0.101 -9.000 -9.000 -999. 78. 15.8 0.0420 0.37 1.00 1.55 160.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 4 155 6 -2.4 0.071 -9.000 -9.000 -999. 45. 13.1 0.0360 0.37 0.47 1.11 116.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 6 4 155 7 4.5 0.109 0.196 0.027 60. 87. -25.8 0.0420 0.37 0.27 1.31 155.0 10.0 284.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 6 4 155 8 13.8 0.084 0.369 0.030 131. 59. -3.9 0.0320 0.37 0.20 0.87 286.0 10.0 286.4 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 4 155 9 77.4 0.147 0.841 0.032 277. 135. -3.7 0.0380 0.37 0.18 1.45 328.0 10.0 289.2 2.0 0
0.00 77. 1009. 7 ADJ-A1 NoSubs
19 6 4 155 10 119.3 0.197 1.041 0.033 340. 211. -5.8 0.0280 0.37 0.17 2.22 197.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 6 4 155 11 137.5 0.277 1.156 0.030 404. 349. -13.8 0.0280 0.37 0.17 3.41 204.0 10.0 292.5 2.0 0

0.00 67. 1008. 0 ADJ-A1 NoSubs
19 6 4 155 12 146.7 0.334 1.224 0.026 449. 463. -22.9 0.0450 0.37 0.17 3.91 229.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 6 4 155 13 147.7 0.339 1.246 0.025 471. 474. -23.7 0.0450 0.37 0.17 3.98 212.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 6 4 155 14 140.1 0.313 1.242 0.023 491. 420. -19.6 0.0280 0.37 0.17 3.98 208.0 10.0 293.8 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
19 6 4 155 15 123.9 0.317 1.206 0.021 509. 428. -23.0 0.0450 0.37 0.17 3.71 210.0 10.0 294.9 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
19 6 4 155 16 99.6 0.296 1.131 0.020 522. 387. -23.4 0.0450 0.37 0.18 3.47 210.0 10.0 294.9 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
19 6 4 155 17 67.9 0.327 1.003 0.019 533. 448. -46.0 0.0450 0.37 0.19 4.02 212.0 10.0 292.0 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
19 6 4 155 18 31.8 0.270 0.781 0.019 538. 338. -55.6 0.0280 0.37 0.25 3.68 201.0 10.0 289.9 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
19 6 4 155 19 -5.3 0.208 -9.000 -9.000 -999. 230. 153.1 0.0280 0.37 0.42 3.17 191.0 10.0 287.5 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 6 4 155 20 -13.8 0.157 -9.000 -9.000 -999. 150. 27.2 0.0420 0.37 1.00 2.33 177.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 6 4 155 21 -4.0 0.083 -9.000 -9.000 -999. 59. 13.1 0.0390 0.37 1.00 1.28 141.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 6 4 155 22 -2.3 0.066 -9.000 -9.000 -999. 41. 11.2 0.0280 0.37 1.00 0.97 182.0 10.0 286.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 6 4 155 23 -1.8 0.063 -9.000 -9.000 -999. 38. 12.5 0.0390 0.37 1.00 0.77 148.0 10.0 285.4 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 6 4 155 24 -2.6 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.37 1.00 1.01 310.0 10.0 285.4 2.0 0
0.00 999. 1007. 0 ADJ-A1 Sub_TT
19 6 5 156 1 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.37 1.00 1.28 309.0 10.0 284.6 2.0 0
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19 6 5 156 2 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.37 1.00 0.92 322.0 10.0 284.2 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 6 5 156 3 -2.7 0.072 -9.000 -9.000 -999. 46. 12.1 0.0440 0.37 1.00 1.01 330.0 10.0 285.4 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 6 5 156 4 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0390 0.37 1.00 1.14 126.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 5 156 5 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.37 1.00 1.28 104.0 10.0 285.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 6 5 156 6 -3.3 0.083 -9.000 -9.000 -999. 57. 15.5 0.0390 0.37 0.47 1.28 137.0 10.0 285.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 6 5 156 7 4.8 0.111 0.178 0.029 42. 88. -25.3 0.0360 0.37 0.27 1.37 95.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 6 5 156 8 62.2 0.114 0.650 0.029 158. 93. -2.2 0.0390 0.37 0.20 1.03 142.0 10.0 288.8 2.0 0
0.00 79. 1008. 5 ADJ-A1 NoSubs
19 6 5 156 9 93.8 0.138 0.824 0.027 214. 123. -2.5 0.0280 0.37 0.18 1.38 184.0 10.0 291.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
19 6 5 156 10 119.6 0.262 0.978 0.024 281. 323. -13.6 0.0280 0.37 0.17 3.23 192.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 6 5 156 11 137.9 0.277 1.104 0.022 351. 350. -13.9 0.0280 0.37 0.17 3.42 195.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 6 5 156 12 147.2 0.323 1.177 0.016 399. 440. -20.5 0.0280 0.37 0.17 4.12 197.0 10.0 294.2 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
19 6 5 156 13 148.1 0.377 1.222 0.010 443. 555. -32.4 0.0450 0.37 0.17 4.53 211.0 10.0 294.9 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
19 6 5 156 14 140.2 0.359 1.235 0.011 483. 516. -29.6 0.0280 0.37 0.17 4.71 200.0 10.0 293.8 2.0 0

0.00 53. 1008. 0 ADJ-A1 NoSubs
19 6 5 156 15 123.6 0.337 1.218 0.011 525. 471. -27.9 0.0280 0.37 0.17 4.41 204.0 10.0 293.1 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
19 6 5 156 16 99.2 0.302 1.155 0.010 559. 398. -24.9 0.0280 0.37 0.18 3.91 194.0 10.0 292.5 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
19 6 5 156 17 68.1 0.295 1.032 0.010 579. 385. -33.9 0.0280 0.37 0.19 3.91 180.0 10.0 291.4 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
19 6 5 156 18 32.0 0.295 0.805 0.010 587. 385. -72.4 0.0420 0.37 0.25 3.78 168.0 10.0 289.2 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 6 5 156 19 2.0 0.295 0.318 0.010 585. 385. -1174.9 0.0390 0.37 0.42 4.07 145.0 10.0 287.5 2.0 0
0.00 80. 1007. 7 ADJ-A1 NoSubs
19 6 5 156 20 -27.8 0.283 -9.000 -9.000 -999. 361. 88.0 0.0390 0.37 1.00 4.12 138.0 10.0 287.0 2.0 0
0.00 83. 1008. 7 ADJ-A1 NoSubs
19 6 5 156 21 -17.8 0.181 -9.000 -9.000 -999. 190. 36.0 0.0360 0.37 1.00 2.73 108.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 6 5 156 22 -14.0 0.157 -9.000 -9.000 -999. 150. 27.2 0.0340 0.37 1.00 2.42 69.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 6 5 156 23 -10.7 0.137 -9.000 -9.000 -999. 122. 21.6 0.0340 0.37 1.00 2.13 74.0 10.0 287.5 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 6 5 156 24 -15.2 0.165 -9.000 -9.000 -999. 160. 29.9 0.0360 0.37 1.00 2.50 96.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 6 157 1 -18.0 0.183 -9.000 -9.000 -999. 188. 36.9 0.0360 0.37 1.00 2.76 109.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 6 157 2 -19.7 0.200 -9.000 -9.000 -999. 215. 44.1 0.0390 0.37 1.00 2.96 143.0 10.0 286.3 2.0 0
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19 6 6 157 3 -8.4 0.121 -9.000 -9.000 -999. 103. 18.9 0.0360 0.37 1.00 1.88 107.0 10.0 286.1 2.0 0
0.00 999. 1008. 10 ADJ-A1 Sub_TT
19 6 6 157 4 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0370 0.37 1.00 1.38 58.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 6 157 5 -9.3 0.127 -9.000 -9.000 -999. 109. 19.8 0.0340 0.37 1.00 1.99 80.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 6 6 157 6 -5.1 0.103 -9.000 -9.000 -999. 80. 19.5 0.0340 0.37 0.47 1.62 86.0 10.0 285.9 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 6 157 7 5.0 0.131 0.274 0.020 149. 113. -40.6 0.0340 0.37 0.27 1.69 74.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 6 6 157 8 14.2 0.106 0.443 0.027 220. 82. -7.5 0.0360 0.37 0.20 1.16 102.0 10.0 288.1 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
19 6 6 157 9 77.5 0.153 0.980 0.031 438. 144. -4.2 0.0420 0.37 0.18 1.50 156.0 10.0 289.2 2.0 0
0.00 71. 1010. 7 ADJ-A1 NoSubs
19 6 6 157 10 119.5 0.220 1.175 0.031 489. 248. -8.0 0.0420 0.37 0.17 2.35 171.0 10.0 292.0 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 6 6 157 11 137.5 0.274 1.260 0.030 525. 344. -13.5 0.0280 0.37 0.17 3.37 200.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 6 6 157 12 147.3 0.272 1.306 0.028 545. 341. -12.3 0.0280 0.37 0.17 3.32 183.0 10.0 294.2 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
19 6 6 157 13 147.9 0.308 1.326 0.026 568. 410. -17.8 0.0420 0.37 0.17 3.57 162.0 10.0 293.8 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
19 6 6 157 14 140.8 0.290 1.324 0.025 594. 374. -15.5 0.0390 0.37 0.17 3.37 145.0 10.0 295.4 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
19 6 6 157 15 124.4 0.311 1.283 0.023 612. 417. -21.8 0.0390 0.37 0.17 3.74 120.0 10.0 295.4 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
19 6 6 157 16 100.1 0.292 1.200 0.022 622. 378. -22.3 0.0390 0.37 0.18 3.51 133.0 10.0 295.4 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
19 6 6 157 17 69.0 0.300 1.064 0.021 629. 395. -35.3 0.0360 0.37 0.19 3.80 102.0 10.0 294.2 2.0 0

0.00 52. 1009. 0 ADJ-A1 NoSubs
19 6 6 157 18 33.0 0.301 0.834 0.021 631. 396. -74.2 0.0360 0.37 0.25 3.97 99.0 10.0 292.5 2.0 0
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19 6 6 157 19 -5.6 0.278 -9.000 -9.000 -999. 351. 343.9 0.0360 0.37 0.41 3.98 108.0 10.0 289.2 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 6 6 157 20 -21.0 0.213 -9.000 -9.000 -999. 238. 50.0 0.0340 0.37 1.00 3.22 81.0 10.0 287.0 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 6 6 157 21 -17.6 0.178 -9.000 -9.000 -999. 180. 34.7 0.0340 0.37 1.00 2.71 71.0 10.0 285.9 2.0 0
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19 6 6 157 22 -17.5 0.177 -9.000 -9.000 -999. 178. 34.4 0.0360 0.37 1.00 2.67 90.0 10.0 285.4 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 6 6 157 23 -7.7 0.115 -9.000 -9.000 -999. 95. 17.9 0.0370 0.37 1.00 1.79 52.0 10.0 284.9 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
19 6 6 157 24 -7.7 0.115 -9.000 -9.000 -999. 94. 17.9 0.0370 0.37 1.00 1.79 45.0 10.0 284.2 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
19 6 7 158 1 -7.3 0.112 -9.000 -9.000 -999. 90. 17.3 0.0370 0.37 1.00 1.74 57.0 10.0 283.8 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
19 6 7 158 2 -5.9 0.100 -9.000 -9.000 -999. 76. 15.5 0.0370 0.37 1.00 1.57 36.0 10.0 283.8 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
19 6 7 158 3 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0370 0.37 1.00 1.30 10.0 10.0 283.1 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 6 7 158 4 -5.1 0.094 -9.000 -9.000 -999. 70. 14.7 0.0440 0.37 1.00 1.43 349.0 10.0 283.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 6 7 158 5 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0370 0.37 1.00 1.16 18.0 10.0 284.2 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
19 6 7 158 6 -7.7 0.127 -9.000 -9.000 -999. 109. 24.1 0.0360 0.37 0.47 1.94 90.0 10.0 284.2 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
19 6 7 158 7 4.6 0.130 0.357 0.017 355. 113. -43.3 0.0340 0.37 0.27 1.69 78.0 10.0 284.9 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
19 6 7 158 8 64.1 0.136 0.902 0.017 413. 121. -3.6 0.0390 0.37 0.20 1.33 144.0 10.0 287.0 2.0 0
0.00 68. 1011. 3 ADJ-A1 NoSubs
19 6 7 158 9 93.2 0.124 1.079 0.018 486. 104. -1.8 0.0280 0.37 0.18 1.18 190.0 10.0 288.1 2.0 0
0.00 63. 1011. 0 ADJ-A1 NoSubs
19 6 7 158 10 119.2 0.193 1.232 0.018 567. 204. -5.5 0.0280 0.37 0.17 2.16 189.0 10.0 290.4 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
19 6 7 158 11 137.6 0.304 1.355 0.017 653. 403. -18.5 0.0450 0.37 0.17 3.49 222.0 10.0 292.0 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
19 6 7 158 12 147.0 0.338 1.440 0.015 733. 472. -23.7 0.0450 0.37 0.17 3.97 226.0 10.0 292.5 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
19 6 7 158 13 148.0 0.315 1.470 0.014 774. 426. -19.1 0.0450 0.37 0.17 3.63 216.0 10.0 293.8 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 6 7 158 14 140.9 0.301 1.455 0.012 789. 397. -17.5 0.0450 0.37 0.17 3.44 214.0 10.0 295.4 2.0 0
0.00 36. 1010. 0 ADJ-A1 NoSubs
19 6 7 158 15 124.9 0.291 1.405 0.011 801. 376. -17.7 0.0450 0.37 0.17 3.32 219.0 10.0 296.4 2.0 0
0.00 36. 1009. 0 ADJ-A1 NoSubs
19 6 7 158 16 100.7 0.236 1.314 0.010 811. 276. -11.7 0.0280 0.37 0.18 2.86 185.0 10.0 296.4 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
19 6 7 158 17 69.8 0.250 1.166 0.009 818. 300. -20.1 0.0420 0.37 0.19 2.93 179.0 10.0 295.9 2.0 0
0.00 37. 1008. 0 ADJ-A1 NoSubs
19 6 7 158 18 33.5 0.296 0.914 0.009 820. 386. -69.6 0.0420 0.37 0.25 3.78 152.0 10.0 293.1 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
19 6 7 158 19 -3.2 0.198 -9.000 -9.000 -999. 215. 215.4 0.0420 0.37 0.41 2.78 174.0 10.0 290.9 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
19 6 7 158 20 -16.1 0.168 -9.000 -9.000 -999. 166. 31.1 0.0280 0.37 1.00 2.66 195.0 10.0 287.5 2.0 0

0.00 69. 1009. 0 ADJ-A1 NoSubs
19 6 7 158 21 -6.9 0.109 -9.000 -9.000 -999. 87. 17.0 0.0360 0.37 1.00 1.71 245.0 10.0 286.4 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 6 7 158 22 -4.2 0.085 -9.000 -9.000 -999. 60. 13.2 0.0360 0.37 1.00 1.33 260.0 10.0 285.9 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
19 6 7 158 23 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0320 0.37 1.00 1.20 297.0 10.0 285.9 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 6 7 158 24 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.37 1.00 1.43 320.0 10.0 284.9 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
19 6 8 159 1 -6.0 0.102 -9.000 -9.000 -999. 79. 16.0 0.0440 0.37 1.00 1.55 350.0 10.0 283.8 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
19 6 8 159 2 -10.6 0.137 -9.000 -9.000 -999. 121. 21.8 0.0440 0.37 1.00 2.03 336.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
19 6 8 159 3 -15.9 0.169 -9.000 -9.000 -999. 167. 31.4 0.0440 0.37 1.00 2.47 334.0 10.0 283.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
19 6 8 159 4 -12.5 0.149 -9.000 -9.000 -999. 138. 24.5 0.0440 0.37 1.00 2.20 335.0 10.0 283.1 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 5 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0370 0.37 1.00 1.42 4.0 10.0 282.0 2.0 0
0.00 85. 1010. 0 ADJ-A1 NoSubs
19 6 8 159 6 -3.6 0.092 -9.000 -9.000 -999. 67. 19.7 0.0440 0.37 0.47 1.38 330.0 10.0 284.9 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 6 8 159 7 25.2 0.108 0.442 0.009 123. 85. -4.5 0.0440 0.37 0.27 1.06 341.0 10.0 287.5 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 6 8 159 8 62.0 0.170 0.772 0.007 267. 168. -7.1 0.0420 0.37 0.20 1.79 160.0 10.0 290.9 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
19 6 8 159 9 94.4 0.242 0.971 0.006 349. 285. -13.5 0.0420 0.37 0.18 2.73 170.0 10.0 293.1 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 6 8 159 10 120.8 0.240 1.195 0.007 509. 283. -10.4 0.0280 0.37 0.17 2.88 196.0 10.0 296.4 2.0 0
0.00 35. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 11 139.3 0.295 1.433 0.007 761. 385. -16.6 0.0450 0.37 0.17 3.35 218.0 10.0 298.1 2.0 0
0.00 34. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 12 148.8 0.352 1.522 0.006 853. 502. -26.4 0.0450 0.37 0.17 4.17 231.0 10.0 298.8 2.0 0
0.00 31. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 13 149.8 0.364 1.558 0.005 909. 527. -29.0 0.0450 0.37 0.17 4.34 236.0 10.0 299.2 2.0 0
0.00 27. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 14 142.6 0.359 1.561 0.005 961. 517. -29.3 0.0450 0.37 0.17 4.29 237.0 10.0 300.4 2.0 0
0.00 25. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 15 126.5 0.283 1.522 0.005 1005. 365. -16.2 0.0450 0.37 0.17 3.21 234.0 10.0 300.9 2.0 0
0.00 23. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 16 102.6 0.216 1.466 0.005 1105. 243. -8.9 0.0280 0.37 0.18 2.55 200.0 10.0 301.4 2.0 0
0.00 22. 1008. 0 ADJ-A1 NoSubs
19 6 8 159 17 71.9 0.247 1.335 0.005 1191. 295. -18.9 0.0450 0.37 0.19 2.84 212.0 10.0 301.4 2.0 0
0.00 21. 1007. 0 ADJ-A1 NoSubs
19 6 8 159 18 34.9 0.248 1.055 0.005 1210. 297. -39.4 0.0280 0.37 0.25 3.32 191.0 10.0 297.0 2.0 0
0.00 40. 1008. 0 ADJ-A1 NoSubs
19 6 8 159 19 -2.3 0.171 -9.000 -9.000 -999. 172. 195.4 0.0450 0.37 0.41 2.38 217.0 10.0 292.0 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
19 6 8 159 20 -7.8 0.118 -9.000 -9.000 -999. 97. 18.8 0.0450 0.37 1.00 1.76 238.0 10.0 290.4 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 21 -5.3 0.095 -9.000 -9.000 -999. 71. 14.8 0.0360 0.37 1.00 1.50 259.0 10.0 290.4 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 22 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0320 0.37 1.00 1.25 282.0 10.0 288.1 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 23 -3.3 0.077 -9.000 -9.000 -999. 51. 12.3 0.0380 0.37 1.00 1.16 323.0 10.0 288.1 2.0 0

0.00 71. 1009. 0 ADJ-A1 NoSubs
19 6 8 159 24 -12.4 0.149 -9.000 -9.000 -999. 138. 24.5 0.0440 0.37 1.00 2.20 347.0 10.0 288.1 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 1 -16.9 0.176 -9.000 -9.000 -999. 177. 33.9 0.0440 0.37 1.00 2.56 331.0 10.0 288.8 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 2 -5.8 0.100 -9.000 -9.000 -999. 78. 15.8 0.0440 0.37 1.00 1.52 356.0 10.0 287.0 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 3 -9.2 0.128 -9.000 -9.000 -999. 110. 20.4 0.0440 0.37 1.00 1.91 338.0 10.0 286.4 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 4 -4.2 0.086 -9.000 -9.000 -999. 61. 13.6 0.0440 0.37 1.00 1.30 337.0 10.0 286.4 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 5 -4.3 0.087 -9.000 -9.000 -999. 61. 13.7 0.0440 0.37 1.00 1.31 349.0 10.0 287.0 2.0 0
0.00 57. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 6 -6.6 0.128 -9.000 -9.000 -999. 109. 28.5 0.0380 0.37 0.47 1.91 329.0 10.0 288.8 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 7 26.3 0.093 0.401 0.012 88. 68. -2.7 0.0280 0.37 0.27 0.94 182.0 10.0 292.5 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
19 6 9 160 8 63.2 0.141 0.637 0.008 147. 127. -4.0 0.0390 0.37 0.20 1.40 120.0 10.0 295.4 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
19 6 9 160 9 96.6 0.156 0.864 0.006 241. 148. -3.5 0.0360 0.37 0.18 1.55 98.0 10.0 300.4 2.0 0
0.00 27. 1010. 0 ADJ-A1 NoSubs
19 6 9 160 10 123.4 0.215 1.279 0.006 612. 239. -7.3 0.0340 0.37 0.17 2.38 74.0 10.0 303.8 2.0 0
0.00 21. 1010. 0 ADJ-A1 NoSubs
19 6 9 160 11 142.4 0.203 1.416 0.008 719. 219. -5.3 0.0340 0.37 0.17 2.15 61.0 10.0 305.9 2.0 0
0.00 18. 1010. 0 ADJ-A1 NoSubs
19 6 9 160 12 152.2 0.209 1.519 0.009 831. 230. -5.4 0.0390 0.37 0.17 2.16 143.0 10.0 307.0 2.0 0
0.00 20. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 13 152.5 0.369 1.573 0.010 920. 538. -29.7 0.0450 0.37 0.17 4.41 237.0 10.0 305.9 2.0 0
0.00 20. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 14 143.6 0.356 1.646 0.009 1119. 511. -28.4 0.0360 0.37 0.17 4.44 250.0 10.0 302.5 2.0 0
0.00 24. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 15 127.3 0.255 1.594 0.008 1148. 314. -11.7 0.0360 0.37 0.17 2.93 244.0 10.0 302.5 2.0 0
0.00 22. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 16 103.2 0.284 1.496 0.007 1168. 363. -20.0 0.0360 0.37 0.18 3.44 248.0 10.0 302.5 2.0 0
0.00 21. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 17 71.1 0.293 1.326 0.007 1179. 380. -31.7 0.0280 0.37 0.19 3.86 196.0 10.0 298.8 2.0 0
0.00 34. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 18 35.1 0.238 1.050 0.006 1185. 279. -34.3 0.0420 0.37 0.25 2.91 179.0 10.0 297.0 2.0 0
0.00 35. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 19 -0.6 0.167 -9.000 -9.000 -999. 165. 754.3 0.0420 0.37 0.41 2.30 164.0 10.0 296.4 2.0 0
0.00 30. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 20 -2.8 0.072 -9.000 -9.000 -999. 51. 11.9 0.0380 0.37 1.00 1.06 320.0 10.0 294.2 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 21 -3.0 0.073 -9.000 -9.000 -999. 48. 11.8 0.0320 0.37 1.00 1.14 278.0 10.0 294.2 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
19 6 9 160 22 -8.3 0.122 -9.000 -9.000 -999. 102. 19.5 0.0440 0.37 1.00 1.82 339.0 10.0 292.5 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 6 9 160 23 -11.5 0.144 -9.000 -9.000 -999. 131. 23.5 0.0440 0.37 1.00 2.13 334.0 10.0 292.5 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 6 9 160 24 -8.2 0.121 -9.000 -9.000 -999. 101. 19.3 0.0440 0.37 1.00 1.81 340.0 10.0 291.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 6 10 161 1 -5.7 0.100 -9.000 -9.000 -999. 76. 15.9 0.0440 0.37 1.00 1.52 336.0 10.0 290.4 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
19 6 10 161 2 -6.3 0.104 -9.000 -9.000 -999. 81. 16.3 0.0380 0.37 1.00 1.62 329.0 10.0 289.2 2.0 0

0.00 69. 1009. 0 ADJ-A1 NoSubs
19 6 10 161 3 -3.9 0.083 -9.000 -9.000 -999. 58. 13.3 0.0440 0.37 1.00 1.25 355.0 10.0 290.9 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
19 6 10 161 4 -6.5 0.107 -9.000 -9.000 -999. 84. 17.0 0.0440 0.37 1.00 1.62 332.0 10.0 290.9 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
19 6 10 161 5 -5.1 0.094 -9.000 -9.000 -999. 70. 14.9 0.0440 0.37 1.00 1.43 335.0 10.0 290.4 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
19 6 10 161 6 -6.7 0.139 -9.000 -9.000 -999. 125. 36.1 0.0340 0.37 0.47 2.11 69.0 10.0 292.0 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
19 6 10 161 7 27.3 0.106 0.574 0.005 248. 83. -3.9 0.0340 0.37 0.27 1.08 64.0 10.0 295.9 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
19 6 10 161 8 64.6 0.147 0.900 0.005 406. 135. -4.4 0.0360 0.37 0.20 1.50 102.0 10.0 299.9 2.0 0
0.00 38. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 9 97.9 0.173 1.256 0.005 730. 172. -4.7 0.0420 0.37 0.18 1.72 170.0 10.0 303.8 2.0 0
0.00 32. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 10 125.1 0.274 1.571 0.005 1117. 344. -14.8 0.0390 0.37 0.17 3.17 130.0 10.0 307.5 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 11 144.5 0.242 1.720 0.005 1269. 287. -8.9 0.0360 0.37 0.17 2.71 105.0 10.0 310.4 2.0 0
0.00 18. 1009. 0 ADJ-A1 NoSubs
19 6 10 161 12 151.2 0.416 1.789 0.005 1366. 644. -42.9 0.0450 0.37 0.17 5.10 234.0 10.0 304.9 2.0 0
0.00 26. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 13 151.6 0.405 1.895 0.005 1620. 619. -39.4 0.0360 0.37 0.17 5.16 257.0 10.0 303.8 2.0 0
0.00 28. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 14 143.7 0.377 1.920 0.005 1777. 556. -33.5 0.0360 0.37 0.17 4.75 250.0 10.0 302.5 2.0 0
0.00 31. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 15 126.8 0.391 1.866 0.005 1851. 586. -42.3 0.0360 0.37 0.17 5.00 249.0 10.0 300.9 2.0 0
0.00 34. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 16 102.4 0.332 1.756 0.005 1909. 461. -32.1 0.0360 0.37 0.18 4.17 246.0 10.0 299.9 2.0 0
0.00 35. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 17 71.8 0.302 1.571 0.005 1950. 398. -34.4 0.0360 0.37 0.19 3.81 247.0 10.0 299.9 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 18 36.0 0.184 1.252 0.005 1968. 197. -15.6 0.0360 0.37 0.25 2.18 241.0 10.0 298.8 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 19 -1.0 0.201 -9.000 -9.000 -999. 216. 702.8 0.0450 0.37 0.40 2.74 238.0 10.0 294.9 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 20 -4.0 0.083 -9.000 -9.000 -999. 68. 13.0 0.0320 0.37 1.00 1.33 276.0 10.0 294.2 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 21 -3.0 0.073 -9.000 -9.000 -999. 47. 11.8 0.0320 0.37 1.00 1.13 270.0 10.0 293.8 2.0 0
0.00 50. 1011. 0 ADJ-A1 NoSubs
19 6 10 161 22 -5.3 0.097 -9.000 -9.000 -999. 72. 15.4 0.0440 0.37 1.00 1.47 347.0 10.0 292.5 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
19 6 10 161 23 -12.7 0.152 -9.000 -9.000 -999. 142. 25.3 0.0440 0.37 1.00 2.23 330.0 10.0 292.5 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 6 10 161 24 -11.0 0.141 -9.000 -9.000 -999. 126. 22.8 0.0440 0.37 1.00 2.08 338.0 10.0 292.0 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 6 11 162 1 -6.7 0.109 -9.000 -9.000 -999. 86. 17.3 0.0440 0.37 1.00 1.64 341.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 6 11 162 2 -7.7 0.117 -9.000 -9.000 -999. 96. 18.7 0.0440 0.37 1.00 1.76 333.0 10.0 290.9 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 3 -8.8 0.124 -9.000 -9.000 -999. 105. 19.7 0.0380 0.37 1.00 1.91 304.0 10.0 290.9 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 4 -7.4 0.114 -9.000 -9.000 -999. 93. 18.2 0.0440 0.37 1.00 1.72 330.0 10.0 290.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 5 -5.5 0.098 -9.000 -9.000 -999. 73. 15.2 0.0380 0.37 1.00 1.52 318.0 10.0 287.0 2.0 0

0.00 83. 1010. 0 ADJ-A1 NoSubs
19 6 11 162 6 -3.1 0.088 -9.000 -9.000 -999. 62. 19.6 0.0380 0.37 0.47 1.35 314.0 10.0 290.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 6 11 162 7 27.1 0.113 0.441 0.005 113. 91. -4.8 0.0420 0.37 0.27 1.13 169.0 10.0 295.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
19 6 11 162 8 63.8 0.127 0.931 0.005 455. 109. -2.9 0.0360 0.37 0.20 1.23 118.0 10.0 297.5 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
19 6 11 162 9 97.2 0.133 1.263 0.005 748. 116. -2.2 0.0370 0.37 0.18 1.21 54.0 10.0 302.0 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
19 6 11 162 10 124.1 0.144 1.500 0.005 980. 132. -2.2 0.0390 0.37 0.17 1.30 141.0 10.0 305.4 2.0 0
0.00 32. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 11 143.7 0.197 1.770 0.005 1391. 210. -4.8 0.0450 0.37 0.17 1.93 211.0 10.0 308.8 2.0 0
0.00 30. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 12 152.8 0.312 1.914 0.005 1654. 419. -17.9 0.0450 0.37 0.17 3.57 225.0 10.0 308.1 2.0 0
0.00 27. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 13 152.1 0.321 2.257 0.008 2728. 437. -19.6 0.0360 0.37 0.17 3.88 243.0 10.0 304.9 2.0 0
0.00 28. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 14 143.4 0.334 2.221 0.008 2757. 463. -23.4 0.0280 0.37 0.17 4.31 196.0 10.0 301.4 2.0 0
0.00 39. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 15 127.0 0.346 2.140 0.008 2785. 488. -29.3 0.0360 0.37 0.17 4.32 254.0 10.0 300.9 2.0 0
0.00 32. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 16 103.1 0.272 2.001 0.008 2802. 342. -17.5 0.0360 0.37 0.18 3.25 259.0 10.0 301.4 2.0 0
0.00 29. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 17 71.2 0.327 1.771 0.008 2811. 450. -44.4 0.0280 0.37 0.19 4.41 203.0 10.0 297.5 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 18 35.3 0.238 1.403 0.008 2815. 282. -34.2 0.0280 0.37 0.24 3.15 204.0 10.0 295.9 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 19 -1.3 0.193 -9.000 -9.000 -999. 204. 508.7 0.0450 0.37 0.40 2.64 223.0 10.0 293.1 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 20 -9.5 0.131 -9.000 -9.000 -999. 114. 21.1 0.0450 0.37 1.00 1.94 224.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 21 -3.8 0.082 -9.000 -9.000 -999. 57. 13.3 0.0450 0.37 1.00 1.23 218.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 22 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0340 0.37 1.00 1.28 61.0 10.0 293.1 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
19 6 11 162 23 -3.8 0.081 -9.000 -9.000 -999. 56. 12.9 0.0370 0.37 1.00 1.26 32.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
19 6 11 162 24 -9.2 0.128 -9.000 -9.000 -999. 110. 20.4 0.0380 0.37 1.00 1.96 324.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 6 12 163 1 -11.9 0.146 -9.000 -9.000 -999. 134. 23.4 0.0360 0.37 1.00 2.23 269.0 10.0 290.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 6 12 163 2 -8.1 0.119 -9.000 -9.000 -999. 99. 18.9 0.0380 0.37 1.00 1.84 303.0 10.0 290.9 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
19 6 12 163 3 -17.8 0.182 -9.000 -9.000 -999. 187. 36.6 0.0360 0.37 1.00 2.75 240.0 10.0 289.2 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 6 12 163 4 -7.4 0.113 -9.000 -9.000 -999. 93. 17.7 0.0370 0.37 1.00 1.76 36.0 10.0 289.2 2.0 0
0.00 89. 1008. 0 ADJ-SFC NoSubs
19 6 12 163 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 288.8 2.0
0 0.00 89. 1008. 0 ADJ-SFC NoSubs
19 6 12 163 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 0.47 0.00 0.0 10.0 290.4 2.0
0 0.00 86. 1008. 0 ADJ-SFC NoSubs
19 6 12 163 7 26.4 -9.000 -9.000 -9.000 99. -999. -99999.0 0.0373 0.37 0.27 0.00 0.0 10.0 292.5 2.0 0
0.00 75. 1008. 0 ADJ-SFC NoSubs
19 6 12 163 8 63.3 -9.000 -9.000 -9.000 169. -999. -99999.0 0.0373 0.37 0.20 0.00 0.0 10.0 295.9 2.0 0

0.00 58. 1009. 0 ADJ-SFC NoSubs
19 6 12 163 9 94.8 0.390 0.898 0.005 274. 585. -56.4 0.0450 0.37 0.18 4.86 210.0 10.0 294.9 2.0 0
0.00 65. 1009. 0 ADJ-SFC NoSubs
19 6 12 163 10 120.5 0.326 1.084 0.005 380. 450. -26.0 0.0450 0.37 0.17 3.86 214.0 10.0 295.4 2.0 0
0.00 63. 1009. 0 ADJ-SFC NoSubs
19 6 12 163 11 138.9 0.398 1.252 0.005 509. 602. -40.8 0.0450 0.37 0.17 4.86 211.0 10.0 296.4 2.0 0
0.00 56. 1009. 0 ADJ-SFC NoSubs
19 6 12 163 12 147.8 0.509 1.576 0.005 955. 872. -80.4 0.0450 0.37 0.17 6.46 220.0 10.0 294.9 2.0 0
0.00 65. 1009. 0 ADJ-SFC NoSubs
19 6 12 163 13 148.5 0.385 1.963 0.005 1838. 585. -34.5 0.0360 0.37 0.17 4.86 253.0 10.0 294.2 2.0 0
0.00 67. 1009. 0 ADJ-SFC NoSubs
19 6 12 163 14 143.0 0.384 1.994 0.005 2000. 571. -35.6 0.0360 0.37 0.17 4.86 265.0 10.0 293.8 2.0 0
0.00 67. 1009. 3 ADJ-SFC NoSubs
19 6 12 163 15 126.7 0.454 1.956 0.005 2131. 734. -66.6 0.0360 0.37 0.17 5.96 261.0 10.0 292.5 2.0 0
0.00 70. 1009. 3 ADJ-SFC NoSubs
19 6 12 163 16 82.9 0.275 1.719 0.005 2209. 372. -22.5 0.0360 0.37 0.18 3.36 252.0 10.0 290.9 2.0 0
0.00 74. 1009. 7 ADJ-SFC NoSubs
19 6 12 163 17 16.6 0.275 1.008 0.005 2223. 347. -113.2 0.0360 0.37 0.19 3.70 264.0 10.0 290.4 2.0 0
0.00 75. 1009. 10 ADJ-A1 NoSubs
19 6 12 163 18 31.4 0.241 1.253 0.005 2252. 284. -39.9 0.0360 0.37 0.24 3.07 252.0 10.0 289.9 2.0 0
0.00 77. 1008. 7 ADJ-A1 NoSubs
19 6 12 163 19 -2.3 0.202 -9.000 -9.000 -999. 218. 316.5 0.0450 0.37 0.40 2.78 239.0 10.0 288.8 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 6 12 163 20 -14.7 0.163 -9.000 -9.000 -999. 158. 29.3 0.0450 0.37 1.00 2.38 230.0 10.0 287.5 2.0 0
0.00 86. 1008. 7 ADJ-A1 NoSubs
19 6 12 163 21 -11.1 0.141 -9.000 -9.000 -999. 127. 22.8 0.0450 0.37 1.00 2.08 235.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 12 163 22 -14.7 0.163 -9.000 -9.000 -999. 158. 29.3 0.0450 0.37 1.00 2.38 238.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 12 163 23 -8.9 0.126 -9.000 -9.000 -999. 107. 20.1 0.0450 0.37 1.00 1.87 238.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 12 163 24 -9.3 0.129 -9.000 -9.000 -999. 111. 20.6 0.0450 0.37 1.00 1.91 236.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 1 -9.5 0.130 -9.000 -9.000 -999. 112. 20.8 0.0450 0.37 1.00 1.93 227.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 13 164 2 -9.6 0.131 -9.000 -9.000 -999. 113. 21.0 0.0450 0.37 1.00 1.94 229.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 13 164 3 -11.9 0.146 -9.000 -9.000 -999. 134. 23.6 0.0450 0.37 1.00 2.15 227.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 13 164 4 -7.8 0.116 -9.000 -9.000 -999. 95. 18.1 0.0360 0.37 1.00 1.81 247.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 13 164 5 -7.6 0.115 -9.000 -9.000 -999. 93. 17.9 0.0360 0.37 1.00 1.79 261.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 13 164 6 -6.7 0.122 -9.000 -9.000 -999. 102. 24.3 0.0450 0.37 0.47 1.79 237.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 7 5.1 0.161 0.290 0.027 170. 154. -73.0 0.0450 0.37 0.27 2.03 227.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 8 14.2 0.178 0.486 0.037 290. 180. -35.4 0.0450 0.37 0.20 2.15 219.0 10.0 288.1 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 9 22.3 0.172 0.627 0.040 398. 171. -20.5 0.0450 0.37 0.18 1.99 220.0 10.0 288.8 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 10 28.8 0.240 0.698 0.040 424. 283. -43.4 0.0450 0.37 0.17 2.95 212.0 10.0 289.2 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 11 33.5 0.277 0.751 0.040 453. 351. -57.3 0.0450 0.37 0.17 3.46 214.0 10.0 290.4 2.0 0

0.00 72. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 12 36.2 0.324 0.786 0.039 483. 442. -84.6 0.0450 0.37 0.17 4.12 224.0 10.0 291.4 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 13 36.5 0.333 0.797 0.039 499. 460. -90.7 0.0360 0.37 0.17 4.43 241.0 10.0 292.0 2.0 0
0.00 64. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 14 114.4 0.356 1.193 0.037 535. 510. -35.6 0.0360 0.37 0.17 4.51 253.0 10.0 292.0 2.0 0
0.00 67. 1009. 7 ADJ-A1 NoSubs
19 6 13 164 15 120.9 0.363 1.270 0.035 609. 525. -35.7 0.0360 0.37 0.17 4.60 245.0 10.0 292.0 2.0 0
0.00 67. 1009. 5 ADJ-A1 NoSubs
19 6 13 164 16 98.5 0.363 1.193 0.034 621. 525. -43.7 0.0360 0.37 0.18 4.66 243.0 10.0 291.4 2.0 0
0.00 69. 1008. 5 ADJ-A1 NoSubs
19 6 13 164 17 59.1 0.338 1.008 0.033 623. 472. -58.8 0.0450 0.37 0.19 4.22 238.0 10.0 289.9 2.0 0
0.00 77. 1008. 7 ADJ-A1 NoSubs
19 6 13 164 18 7.5 0.268 0.506 0.033 623. 336. -232.1 0.0360 0.37 0.24 3.68 246.0 10.0 288.8 2.0 0
0.00 79. 1008. 10 ADJ-A1 NoSubs
19 6 13 164 19 -7.3 0.230 -9.000 -9.000 -999. 265. 149.2 0.0360 0.37 0.40 3.35 250.0 10.0 288.1 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 13 164 20 -17.9 0.183 -9.000 -9.000 -999. 189. 36.9 0.0360 0.37 1.00 2.76 251.0 10.0 288.1 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 13 164 21 -11.9 0.145 -9.000 -9.000 -999. 133. 23.1 0.0360 0.37 1.00 2.22 256.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 22 -8.4 0.121 -9.000 -9.000 -999. 101. 19.0 0.0360 0.37 1.00 1.88 249.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 23 -10.4 0.135 -9.000 -9.000 -999. 119. 21.3 0.0360 0.37 1.00 2.08 250.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 13 164 24 -6.2 0.104 -9.000 -9.000 -999. 81. 16.4 0.0450 0.37 1.00 1.57 227.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 14 165 1 -7.3 0.113 -9.000 -9.000 -999. 91. 17.5 0.0360 0.37 1.00 1.76 259.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 14 165 2 -13.3 0.155 -9.000 -9.000 -999. 147. 26.4 0.0450 0.37 1.00 2.27 220.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 14 165 3 -11.3 0.142 -9.000 -9.000 -999. 129. 22.9 0.0450 0.37 1.00 2.10 211.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 14 165 4 -9.5 0.130 -9.000 -9.000 -999. 112. 20.8 0.0450 0.37 1.00 1.93 214.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 14 165 5 -14.7 0.160 -9.000 -9.000 -999. 154. 28.2 0.0280 0.37 1.00 2.54 206.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 14 165 6 -11.1 0.169 -9.000 -9.000 -999. 166. 39.0 0.0280 0.37 0.47 2.64 203.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 7 5.0 0.167 0.294 0.005 181. 165. -84.4 0.0280 0.37 0.27 2.33 204.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 8 14.0 0.214 0.469 0.009 264. 237. -62.6 0.0280 0.37 0.20 2.93 180.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 9 22.1 0.201 0.584 0.012 324. 216. -33.0 0.0390 0.37 0.18 2.49 145.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 10 28.5 0.184 0.674 0.015 387. 190. -19.8 0.0420 0.37 0.17 2.16 155.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 11 33.2 0.210 0.746 0.017 451. 232. -25.3 0.0420 0.37 0.17 2.52 169.0 10.0 288.8 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
19 6 14 165 12 35.7 0.224 0.797 0.018 510. 255. -28.4 0.0450 0.37 0.17 2.67 219.0 10.0 289.2 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 6 14 165 13 36.1 0.259 0.828 0.020 565. 317. -43.4 0.0450 0.37 0.17 3.18 228.0 10.0 290.4 2.0 0
0.00 72. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 14 34.3 0.322 0.835 0.021 611. 438. -87.5 0.0450 0.37 0.17 4.10 237.0 10.0 290.4 2.0 0

0.00 69. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 15 30.2 0.343 0.817 0.022 649. 482. -120.6 0.0450 0.37 0.17 4.43 234.0 10.0 289.9 2.0 0
0.00 72. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 16 24.3 0.286 0.771 0.024 679. 368. -86.4 0.0450 0.37 0.18 3.64 230.0 10.0 290.4 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 17 16.4 0.327 0.682 0.025 696. 448. -191.6 0.0360 0.37 0.19 4.46 241.0 10.0 288.8 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 18 7.3 0.309 0.523 0.025 703. 412. -363.2 0.0450 0.37 0.24 4.10 235.0 10.0 287.5 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 19 -10.2 0.286 -9.000 -9.000 -999. 368. 207.3 0.0450 0.37 0.40 3.98 237.0 10.0 286.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 20 -18.8 0.191 -9.000 -9.000 -999. 204. 40.1 0.0280 0.37 1.00 3.00 202.0 10.0 286.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 14 165 21 -15.5 0.167 -9.000 -9.000 -999. 163. 30.5 0.0390 0.37 1.00 2.49 139.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 6 14 165 22 -18.7 0.189 -9.000 -9.000 -999. 197. 39.2 0.0360 0.37 1.00 2.84 102.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 6 14 165 23 -15.5 0.166 -9.000 -9.000 -999. 163. 30.4 0.0360 0.37 1.00 2.52 111.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 6 14 165 24 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0360 0.37 1.00 1.82 116.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 6 15 166 1 -3.6 0.080 -9.000 -9.000 -999. 54. 12.5 0.0360 0.37 1.00 1.23 111.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 6 15 166 2 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.37 1.00 1.50 304.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 6 15 166 3 -4.7 0.089 -9.000 -9.000 -999. 64. 13.7 0.0340 0.37 1.00 1.42 89.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 6 15 166 4 -2.6 0.070 -9.000 -9.000 -999. 45. 12.1 0.0450 0.37 1.00 0.97 232.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 6 15 166 5 -5.3 0.096 -9.000 -9.000 -999. 71. 15.1 0.0450 0.37 1.00 1.45 235.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 6 15 166 6 -5.8 0.110 -9.000 -9.000 -999. 87. 20.6 0.0280 0.37 0.47 1.77 182.0 10.0 285.4 2.0 11
0.30 92. 1009. 10 ADJ-A1 NoSubs
19 6 15 166 7 4.7 0.195 0.323 0.012 256. 207. -142.5 0.0420 0.37 0.27 2.57 164.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 6 15 166 8 13.7 0.208 0.487 0.014 303. 227. -59.0 0.0390 0.37 0.20 2.67 126.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 6 15 166 9 21.8 0.164 0.605 0.017 365. 160. -18.2 0.0390 0.37 0.18 1.94 123.0 10.0 286.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 6 15 166 10 28.4 0.131 0.700 0.020 434. 114. -7.1 0.0390 0.37 0.17 1.40 145.0 10.0 287.5 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 6 15 166 11 33.3 0.141 0.775 0.027 503. 127. -7.6 0.0390 0.37 0.17 1.52 148.0 10.0 289.1 2.0 0
0.00 71. 1010. 10 ADJ-A1 NoSubs
19 6 15 166 12 35.8 0.262 0.826 0.040 567. 321. -45.1 0.0450 0.37 0.17 3.22 227.0 10.0 289.9 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
19 6 15 166 13 36.2 0.306 0.857 0.042 626. 406. -71.4 0.0450 0.37 0.17 3.86 232.0 10.0 290.4 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
19 6 15 166 14 34.5 0.278 0.863 0.042 671. 352. -56.0 0.0450 0.37 0.17 3.46 213.0 10.0 290.9 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
19 6 15 166 15 124.8 0.277 1.343 0.041 699. 349. -15.2 0.0280 0.37 0.17 3.44 195.0 10.0 292.0 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 6 15 166 16 100.7 0.296 1.257 0.041 710. 386. -23.1 0.0280 0.37 0.18 3.81 194.0 10.0 290.9 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 6 15 166 17 69.9 0.257 1.116 0.040 717. 313. -21.9 0.0280 0.37 0.19 3.30 202.0 10.0 289.2 2.0 0

0.00 74. 1008. 0 ADJ-A1 NoSubs
19 6 15 166 18 34.5 0.232 0.884 0.039 720. 268. -32.4 0.0280 0.37 0.24 3.06 209.0 10.0 288.8 2.0 0
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19 6 15 166 19 -1.8 0.196 -9.000 -9.000 -999. 209. 366.3 0.0420 0.37 0.40 2.73 169.0 10.0 287.0 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 6 15 166 20 -20.6 0.209 -9.000 -9.000 -999. 229. 47.9 0.0390 0.37 1.00 3.08 129.0 10.0 286.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 6 15 166 21 -26.4 0.269 -9.000 -9.000 -999. 334. 79.4 0.0360 0.37 1.00 3.98 107.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 6 15 166 22 -25.4 0.258 -9.000 -9.000 -999. 315. 73.3 0.0360 0.37 1.00 3.83 95.0 10.0 287.0 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 6 15 166 23 -20.1 0.205 -9.000 -9.000 -999. 223. 46.1 0.0340 0.37 1.00 3.10 86.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 6 15 166 24 -14.4 0.159 -9.000 -9.000 -999. 153. 28.0 0.0340 0.37 1.00 2.45 74.0 10.0 286.4 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 1 -9.5 0.129 -9.000 -9.000 -999. 111. 20.1 0.0340 0.37 1.00 2.01 85.0 10.0 286.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 2 -3.7 0.081 -9.000 -9.000 -999. 56. 12.7 0.0370 0.37 1.00 1.25 29.0 10.0 286.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 3 -2.7 0.072 -9.000 -9.000 -999. 46. 12.1 0.0440 0.37 1.00 1.01 359.0 10.0 285.9 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 6 16 167 4 -8.4 0.121 -9.000 -9.000 -999. 101. 18.9 0.0360 0.37 1.00 1.88 254.0 10.0 285.9 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 5 -9.2 0.127 -9.000 -9.000 -999. 108. 19.8 0.0360 0.37 1.00 1.96 243.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 6 -7.0 0.124 -9.000 -9.000 -999. 105. 24.4 0.0450 0.37 0.47 1.82 228.0 10.0 285.9 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 7 4.8 0.156 0.279 0.005 163. 148. -71.7 0.0280 0.37 0.27 2.16 201.0 10.0 285.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 8 13.9 0.219 0.447 0.008 230. 245. -67.7 0.0420 0.37 0.20 2.79 167.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 9 21.9 0.181 0.569 0.017 301. 186. -24.5 0.0280 0.37 0.18 2.35 180.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 10 28.4 0.137 0.666 0.020 373. 123. -8.2 0.0450 0.37 0.17 1.45 213.0 10.0 287.5 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 11 33.2 0.182 0.743 0.019 443. 186. -16.3 0.0280 0.37 0.17 2.28 205.0 10.0 288.8 2.0 0
0.00 74. 1008. 10 ADJ-A1 NoSubs
19 6 16 167 12 35.7 0.249 0.796 0.020 508. 298. -38.8 0.0450 0.37 0.17 3.03 220.0 10.0 289.2 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
19 6 16 167 13 36.2 0.307 0.830 0.022 567. 409. -72.1 0.0450 0.37 0.17 3.88 218.0 10.0 290.4 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
19 6 16 167 14 34.4 0.332 0.839 0.023 617. 458. -95.3 0.0450 0.37 0.17 4.24 232.0 10.0 290.4 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
19 6 16 167 15 30.2 0.335 0.821 0.030 657. 465. -111.5 0.0450 0.37 0.17 4.31 221.0 10.0 289.9 2.0 0
0.00 69. 1006. 10 ADJ-A1 NoSubs
19 6 16 167 16 24.0 0.328 0.772 0.037 687. 450. -131.1 0.0450 0.37 0.18 4.24 234.0 10.0 288.8 2.0 0
0.00 74. 1006. 10 ADJ-A1 NoSubs
19 6 16 167 17 16.3 0.294 0.685 0.040 705. 383. -139.8 0.0360 0.37 0.19 3.98 242.0 10.0 288.1 2.0 0
0.00 77. 1006. 10 ADJ-A1 NoSubs
19 6 16 167 18 7.2 0.280 0.522 0.040 706. 355. -272.6 0.0360 0.37 0.24 3.85 245.0 10.0 286.4 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
19 6 16 167 19 -7.4 0.219 -9.000 -9.000 -999. 247. 127.3 0.0450 0.37 0.39 3.07 233.0 10.0 286.4 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
19 6 16 167 20 -11.1 0.141 -9.000 -9.000 -999. 129. 22.7 0.0450 0.37 1.00 2.08 222.0 10.0 285.9 2.0 0

0.00 86. 1006. 10 ADJ-A1 NoSubs
19 6 16 167 21 -6.5 0.105 -9.000 -9.000 -999. 82. 15.9 0.0280 0.37 1.00 1.72 203.0 10.0 285.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 6 16 167 22 -4.7 0.090 -9.000 -9.000 -999. 65. 14.1 0.0420 0.37 1.00 1.38 176.0 10.0 285.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 6 16 167 23 -5.9 0.101 -9.000 -9.000 -999. 78. 15.8 0.0420 0.37 1.00 1.55 176.0 10.0 285.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 6 16 167 24 -5.9 0.101 -9.000 -9.000 -999. 78. 15.8 0.0420 0.37 1.00 1.55 174.0 10.0 285.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 17 168 1 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0280 0.37 1.00 1.38 206.0 10.0 285.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 17 168 2 -6.9 0.110 -9.000 -9.000 -999. 87. 17.2 0.0420 0.37 1.00 1.67 155.0 10.0 285.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 17 168 3 -5.9 0.100 -9.000 -9.000 -999. 76. 15.1 0.0280 0.37 1.00 1.64 207.0 10.0 285.4 2.0 11
0.30 92. 1005. 10 ADJ-A1 NoSubs
19 6 17 168 4 -12.9 0.150 -9.000 -9.000 -999. 139. 24.7 0.0280 0.37 1.00 2.39 191.0 10.0 284.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 17 168 5 -11.7 0.142 -9.000 -9.000 -999. 129. 22.3 0.0280 0.37 1.00 2.28 201.0 10.0 284.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 17 168 6 -8.1 0.133 -9.000 -9.000 -999. 116. 25.9 0.0450 0.37 0.47 1.94 213.0 10.0 284.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 6 17 168 7 4.7 0.087 0.302 0.017 210. 61. -12.4 0.0320 0.37 0.27 1.03 271.0 10.0 285.4 2.0 0
0.00 999. 1006. 10 ADJ-A1 Sub_TT
19 6 17 168 8 13.8 0.112 0.493 0.026 312. 90. -9.2 0.0280 0.37 0.20 1.33 191.0 10.0 285.9 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 6 17 168 9 21.9 0.131 0.601 0.030 356. 114. -9.2 0.0280 0.37 0.18 1.55 186.0 10.0 287.0 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 6 17 168 10 28.4 0.173 0.685 0.034 405. 172. -16.2 0.0280 0.37 0.17 2.16 205.0 10.0 287.5 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
19 6 17 168 11 33.4 0.197 0.753 0.037 458. 210. -20.7 0.0360 0.37 0.17 2.40 253.0 10.0 289.9 2.0 0
0.00 72. 1007. 10 ADJ-A1 NoSubs
19 6 17 168 12 146.8 0.322 1.338 0.038 587. 439. -20.5 0.0450 0.37 0.17 3.73 233.0 10.0 291.4 2.0 0
0.00 67. 1007. 4 ADJ-A1 NoSubs
19 6 17 168 13 150.3 0.357 1.371 0.036 616. 511. -27.1 0.0360 0.37 0.17 4.43 247.0 10.0 292.0 2.0 0
0.00 62. 1007. 2 ADJ-A1 Sub_CC
19 6 17 168 14 141.0 0.372 1.353 0.035 632. 545. -32.8 0.0450 0.37 0.17 4.48 234.0 10.0 292.0 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
19 6 17 168 15 124.9 0.382 1.309 0.033 645. 567. -40.2 0.0360 0.37 0.17 4.88 244.0 10.0 291.4 2.0 0
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19 6 17 168 16 100.9 0.335 1.226 0.032 656. 466. -33.3 0.0360 0.37 0.18 4.22 254.0 10.0 290.9 2.0 0
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19 6 17 168 17 70.3 0.312 1.091 0.031 663. 418. -38.7 0.0360 0.37 0.19 3.97 243.0 10.0 289.9 2.0 0
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19 6 17 168 18 34.9 0.286 0.865 0.031 666. 368. -60.4 0.0360 0.37 0.24 3.74 246.0 10.0 288.8 2.0 0
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19 6 17 168 19 4.2 0.236 0.427 0.031 666. 276. -281.1 0.0360 0.37 0.39 3.25 250.0 10.0 287.0 2.0 0
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19 6 17 168 20 -13.2 0.153 -9.000 -9.000 -999. 146. 25.6 0.0360 0.37 1.00 2.33 265.0 10.0 285.9 2.0 0
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19 6 17 168 21 -6.8 0.108 -9.000 -9.000 -999. 85. 16.7 0.0360 0.37 1.00 1.69 254.0 10.0 285.4 2.0 0
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19 6 17 168 22 -5.5 0.096 -9.000 -9.000 -999. 72. 14.7 0.0320 0.37 1.00 1.55 270.0 10.0 285.4 2.0 0
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19 6 17 168 23 -9.7 0.130 -9.000 -9.000 -999. 112. 20.3 0.0320 0.37 1.00 2.05 274.0 10.0 286.4 2.0 0

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19 6 18 169 1 -5.3 0.095 -9.000 -9.000 -999. 71. 14.7 0.0360 0.37 1.00 1.50 267.0 10.0 286.4 2.0 0
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19 6 18 169 2 -5.6 0.099 -9.000 -9.000 -999. 74. 15.2 0.0360 0.37 1.00 1.55 254.0 10.0 286.4 2.0 0
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19 6 18 169 3 -4.8 0.091 -9.000 -9.000 -999. 66. 14.1 0.0360 0.37 1.00 1.43 263.0 10.0 286.4 2.0 0
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19 6 18 169 4 -3.7 0.080 -9.000 -9.000 -999. 55. 12.7 0.0380 0.37 1.00 1.23 305.0 10.0 286.4 2.0 0
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19 6 18 169 5 -3.1 0.075 -9.000 -9.000 -999. 49. 12.1 0.0380 0.37 1.00 1.12 310.0 10.0 286.4 2.0 0
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19 6 18 169 6 -5.2 0.105 -9.000 -9.000 -999. 82. 20.2 0.0370 0.37 0.47 1.62 19.0 10.0 286.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 18 169 7 5.0 0.085 0.210 0.025 66. 59. -10.8 0.0370 0.37 0.27 0.96 26.0 10.0 287.5 2.0 0
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19 6 18 169 9 77.6 0.151 0.787 0.034 226. 140. -4.0 0.0280 0.37 0.18 1.61 194.0 10.0 290.4 2.0 0
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19 6 18 169 10 119.8 0.219 1.016 0.031 315. 246. -7.9 0.0280 0.37 0.17 2.55 193.0 10.0 293.1 2.0 0
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19 6 18 169 11 138.4 0.307 1.179 0.031 426. 407. -18.7 0.0450 0.37 0.17 3.52 215.0 10.0 294.9 2.0 0
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19 6 18 169 12 147.5 0.400 1.230 0.015 455. 608. -39.1 0.0360 0.37 0.17 5.10 264.0 10.0 293.1 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
19 6 18 169 13 148.5 0.390 1.257 0.018 482. 585. -35.9 0.0360 0.37 0.17 4.94 261.0 10.0 293.1 2.0 0
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19 6 18 169 14 136.4 0.389 1.242 0.018 505. 582. -38.8 0.0360 0.37 0.17 4.95 259.0 10.0 292.5 2.0 0
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19 6 18 169 15 30.5 0.356 0.756 0.026 509. 511. -133.1 0.0360 0.37 0.17 4.81 259.0 10.0 290.9 2.0 0
0.00 74. 1009. 10 ADJ-A1 NoSubs
19 6 18 169 16 24.6 0.307 0.705 0.025 514. 410. -106.3 0.0360 0.37 0.18 4.12 248.0 10.0 290.9 2.0 0
0.00 74. 1009. 10 ADJ-A1 Sub_CC
19 6 18 169 17 16.6 0.279 0.620 0.025 516. 355. -118.0 0.0360 0.37 0.19 3.76 243.0 10.0 289.2 2.0 0
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19 6 18 169 18 7.7 0.263 0.481 0.025 517. 324. -211.5 0.0360 0.37 0.24 3.60 248.0 10.0 288.8 2.0 0
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19 6 18 169 19 -6.0 0.219 -9.000 -9.000 -999. 247. 159.0 0.0360 0.37 0.39 3.19 247.0 10.0 288.1 2.0 0
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19 6 18 169 20 -17.1 0.174 -9.000 -9.000 -999. 175. 33.4 0.0320 0.37 1.00 2.69 273.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 18 169 21 -13.4 0.154 -9.000 -9.000 -999. 145. 26.1 0.0360 0.37 1.00 2.35 260.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 18 169 22 -9.6 0.129 -9.000 -9.000 -999. 112. 20.2 0.0320 0.37 1.00 2.04 288.0 10.0 287.0 2.0 0
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19 6 18 169 23 -8.4 0.120 -9.000 -9.000 -999. 100. 18.7 0.0320 0.37 1.00 1.91 286.0 10.0 287.0 2.0 0
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19 6 18 169 24 -8.0 0.117 -9.000 -9.000 -999. 96. 18.1 0.0320 0.37 1.00 1.86 272.0 10.0 287.0 2.0 0
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19 6 19 170 1 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0380 0.37 1.00 1.57 301.0 10.0 287.0 2.0 0
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19 6 19 170 2 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.37 1.00 1.26 308.0 10.0 287.0 2.0 0

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19 6 19 170 3 -4.5 0.087 -9.000 -9.000 -999. 62. 13.4 0.0320 0.37 1.00 1.40 298.0 10.0 287.5 2.0 0
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19 6 19 170 4 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0360 0.37 1.00 1.65 269.0 10.0 287.5 2.0 0
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19 6 19 170 7 5.0 0.164 0.309 0.022 211. 159. -79.0 0.0320 0.37 0.27 2.22 286.0 10.0 287.5 2.0 0
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19 6 19 170 8 14.0 0.245 0.467 0.040 262. 291. -94.4 0.0320 0.37 0.20 3.34 284.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 6 19 170 9 22.2 0.267 0.587 0.042 327. 331. -77.2 0.0320 0.37 0.18 3.61 272.0 10.0 288.8 2.0 0
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19 6 19 170 11 33.8 0.390 0.758 0.035 464. 583. -157.6 0.0360 0.37 0.17 5.29 267.0 10.0 291.4 2.0 0
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19 6 19 170 12 36.3 0.388 0.788 0.035 485. 581. -145.2 0.0360 0.37 0.17 5.26 267.0 10.0 292.0 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
19 6 19 170 13 148.6 0.428 1.280 0.029 509. 670. -47.3 0.0360 0.37 0.17 5.51 243.0 10.0 293.1 2.0 0
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19 6 19 170 14 141.4 0.386 1.278 0.036 531. 578. -36.7 0.0360 0.37 0.17 4.90 253.0 10.0 293.1 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
19 6 19 170 15 125.3 0.390 1.248 0.035 558. 584. -42.5 0.0360 0.37 0.17 4.99 249.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 6 19 170 16 103.9 0.401 1.189 0.034 582. 610. -56.0 0.0360 0.37 0.18 5.22 252.0 10.0 292.0 2.0 0
0.00 67. 1008. 3 ADJ-A1 NoSubs
19 6 19 170 17 60.1 0.358 0.998 0.035 594. 516. -68.7 0.0360 0.37 0.19 4.71 251.0 10.0 290.9 2.0 0
0.00 72. 1008. 7 ADJ-A1 NoSubs
19 6 19 170 18 7.9 0.304 0.507 0.034 595. 404. -321.3 0.0360 0.37 0.24 4.20 257.0 10.0 289.2 2.0 0
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19 6 19 170 19 -6.5 0.246 -9.000 -9.000 -999. 294. 205.7 0.0320 0.37 0.39 3.63 270.0 10.0 288.1 2.0 0
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19 6 19 170 20 -14.6 0.160 -9.000 -9.000 -999. 157. 28.3 0.0320 0.37 1.00 2.49 275.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
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19 6 19 170 23 -11.2 0.141 -9.000 -9.000 -999. 127. 22.3 0.0360 0.37 1.00 2.16 267.0 10.0 287.5 2.0 0
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19 6 20 171 1 -13.0 0.152 -9.000 -9.000 -999. 142. 25.4 0.0360 0.37 1.00 2.32 240.0 10.0 287.5 2.0 11
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19 6 20 171 2 -16.5 0.173 -9.000 -9.000 -999. 173. 33.1 0.0450 0.37 1.00 2.52 238.0 10.0 287.5 2.0 0
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0.30 89. 1008. 10 ADJ-A1 NoSubs
19 6 20 171 7 5.0 0.215 0.379 0.018 390. 239. -178.3 0.0450 0.37 0.27 2.81 232.0 10.0 287.5 2.0 11
0.30 93. 1008. 10 ADJ-A1 NoSubs
19 6 20 171 8 14.1 0.168 0.563 0.032 454. 165. -30.1 0.0360 0.37 0.20 2.10 264.0 10.0 288.1 2.0 0
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19 6 20 171 9 22.2 0.181 0.662 0.034 468. 185. -24.0 0.0320 0.37 0.18 2.28 276.0 10.0 288.8 2.0 0
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19 6 20 171 10 28.7 0.229 0.730 0.034 486. 263. -37.7 0.0320 0.37 0.17 2.98 282.0 10.0 289.2 2.0 0
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19 6 20 171 11 33.5 0.223 0.778 0.035 506. 253. -29.9 0.0320 0.37 0.17 2.86 275.0 10.0 290.1 2.0 0
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19 6 20 171 12 35.8 0.280 0.806 0.035 526. 356. -55.1 0.0360 0.37 0.17 3.64 257.0 10.0 289.9 2.0 0
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19 6 20 171 13 36.3 0.288 0.821 0.036 547. 371. -59.2 0.0360 0.37 0.17 3.76 249.0 10.0 290.9 2.0 0
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19 6 20 171 14 34.7 0.315 0.817 0.036 565. 424. -80.8 0.0360 0.37 0.17 4.17 260.0 10.0 291.4 2.0 0
0.00 69. 1008. 10 ADJ-A1 NoSubs
19 6 20 171 15 30.6 0.280 0.791 0.036 581. 356. -64.5 0.0360 0.37 0.17 3.67 250.0 10.0 290.9 2.0 0
0.00 69. 1008. 10 ADJ-A1 NoSubs
19 6 20 171 16 99.6 0.344 1.224 0.036 663. 484. -36.6 0.0360 0.37 0.18 4.36 263.0 10.0 292.0 2.0 0
0.00 64. 1007. 5 ADJ-A1 NoSubs
19 6 20 171 17 16.8 0.317 0.684 0.036 681. 428. -169.3 0.0360 0.37 0.19 4.31 258.0 10.0 289.9 2.0 0
0.00 72. 1007. 10 ADJ-A1 NoSubs
19 6 20 171 18 7.9 0.247 0.534 0.037 691. 297. -171.4 0.0320 0.37 0.24 3.44 278.0 10.0 289.2 2.0 0
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19 6 20 171 20 -11.3 0.140 -9.000 -9.000 -999. 128. 22.1 0.0320 0.37 1.00 2.20 277.0 10.0 288.1 2.0 0
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19 6 20 171 21 -14.0 0.158 -9.000 -9.000 -999. 150. 27.4 0.0360 0.37 1.00 2.40 259.0 10.0 288.1 2.0 0
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19 6 20 171 22 -14.6 0.161 -9.000 -9.000 -999. 155. 28.6 0.0360 0.37 1.00 2.45 249.0 10.0 287.5 2.0 0
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19 6 20 171 23 -14.2 0.159 -9.000 -9.000 -999. 152. 27.8 0.0360 0.37 1.00 2.42 249.0 10.0 287.0 2.0 0
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19 6 20 171 24 -12.5 0.150 -9.000 -9.000 -999. 139. 24.7 0.0450 0.37 1.00 2.20 232.0 10.0 286.4 2.0 0
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19 6 21 172 5 -5.5 0.096 -9.000 -9.000 -999. 72. 14.8 0.0320 0.37 1.00 1.55 290.0 10.0 286.4 2.0 0
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19 6 21 172 6 -3.3 0.084 -9.000 -9.000 -999. 58. 15.8 0.0380 0.37 0.47 1.30 320.0 10.0 287.0 2.0 0
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19 6 21 172 7 4.9 0.100 0.321 0.020 243. 76. -18.6 0.0440 0.37 0.27 1.16 340.0 10.0 287.0 2.0 0
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19 6 21 172 8 14.0 0.144 0.562 0.025 457. 132. -19.4 0.0320 0.37 0.20 1.79 271.0 10.0 287.5 2.0 0

0.00 74. 1008. 10 ADJ-A1 NoSubs
19 6 21 172 9 22.2 0.189 0.662 0.025 470. 197. -27.4 0.0360 0.37 0.18 2.35 255.0 10.0 288.8 2.0 0
0.00 68. 1008. 10 ADJ-A1 NoSubs
19 6 21 172 10 29.1 0.221 0.730 0.024 480. 249. -33.2 0.0450 0.37 0.17 2.66 235.0 10.0 290.9 2.0 0
0.00 64. 1008. 10 ADJ-A1 NoSubs
19 6 21 172 11 33.5 0.342 0.771 0.024 491. 479. -107.1 0.0450 0.37 0.17 4.39 228.0 10.0 290.4 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
19 6 21 172 12 36.3 0.381 0.795 0.017 498. 564. -137.1 0.0450 0.37 0.17 4.94 235.0 10.0 292.0 2.0 0
0.00 62. 1009. 10 ADJ-A1 NoSubs
19 6 21 172 13 36.3 0.418 0.798 0.016 503. 647. -180.2 0.0450 0.37 0.17 5.46 235.0 10.0 290.9 2.0 0
0.00 64. 1009. 10 ADJ-A1 NoSubs
19 6 21 172 14 34.7 0.368 0.788 0.018 507. 538. -129.5 0.0360 0.37 0.17 4.97 248.0 10.0 291.4 2.0 0
0.00 62. 1008. 10 ADJ-A1 NoSubs
19 6 21 172 15 125.2 0.371 1.220 0.017 522. 543. -36.7 0.0360 0.37 0.17 4.71 249.0 10.0 291.4 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 6 21 172 16 101.6 0.341 1.147 0.018 534. 480. -35.2 0.0360 0.37 0.18 4.32 242.0 10.0 291.4 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 6 21 172 17 71.2 0.331 1.026 0.017 546. 457. -45.6 0.0450 0.37 0.19 4.07 236.0 10.0 290.9 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
19 6 21 172 18 35.6 0.286 0.822 0.017 561. 368. -59.0 0.0360 0.37 0.24 3.73 242.0 10.0 288.8 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
19 6 21 172 19 4.9 0.233 0.424 0.017 562. 271. -234.3 0.0450 0.37 0.39 3.07 238.0 10.0 287.5 2.0 0
0.00 80. 1008. 5 ADJ-A1 NoSubs
19 6 21 172 20 -4.3 0.086 -9.000 -9.000 -999. 82. 13.4 0.0360 0.37 1.00 1.35 256.0 10.0 286.4 2.0 0
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19 6 21 172 21 -2.2 0.067 -9.000 -9.000 -999. 42. 12.2 0.0440 0.37 1.00 0.87 358.0 10.0 285.4 2.0 0
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19 6 21 172 22 -2.2 0.066 -9.000 -9.000 -999. 41. 11.9 0.0380 0.37 1.00 0.89 326.0 10.0 284.9 2.0 0
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19 6 21 172 24 -3.1 0.075 -9.000 -9.000 -999. 50. 12.3 0.0440 0.37 1.00 1.09 346.0 10.0 283.1 2.0 0
0.00 92. 1008. 0 ADJ-A1 NoSubs
19 6 22 173 1 -3.9 0.082 -9.000 -9.000 -999. 56. 12.8 0.0380 0.37 1.00 1.26 317.0 10.0 284.2 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 22 173 2 -4.3 0.087 -9.000 -9.000 -999. 61. 13.7 0.0450 0.37 1.00 1.30 238.0 10.0 284.9 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 22 173 3 -3.3 0.077 -9.000 -9.000 -999. 51. 12.3 0.0390 0.37 1.00 1.16 122.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 22 173 4 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0360 0.37 1.00 1.37 92.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 6 22 173 5 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0370 0.37 1.00 1.42 51.0 10.0 285.4 2.0 0
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19 6 22 173 6 -2.6 0.073 -9.000 -9.000 -999. 47. 13.6 0.0370 0.37 0.47 1.14 24.0 10.0 285.4 2.0 0
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19 6 22 173 7 4.6 0.113 0.184 0.023 49. 91. -28.3 0.0440 0.37 0.27 1.35 335.0 10.0 285.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 6 22 173 8 13.8 0.122 0.338 0.023 100. 102. -11.8 0.0370 0.37 0.20 1.40 32.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 6 22 173 9 77.1 0.156 0.793 0.024 233. 148. -4.4 0.0370 0.37 0.18 1.59 31.0 10.0 289.2 2.0 0
0.00 74. 1009. 7 ADJ-A1 NoSubs
19 6 22 173 10 119.4 0.166 1.053 0.021 352. 163. -3.5 0.0360 0.37 0.17 1.65 109.0 10.0 292.5 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 6 22 173 11 138.4 0.215 1.194 0.018 443. 239. -6.5 0.0280 0.37 0.17 2.45 182.0 10.0 295.4 2.0 0

0.00 58. 1009. 0 ADJ-A1 NoSubs
19 6 22 173 12 147.6 0.381 1.255 0.009 483. 565. -33.8 0.0450 0.37 0.17 4.60 236.0 10.0 293.8 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
19 6 22 173 13 148.5 0.385 1.288 0.008 519. 574. -34.7 0.0360 0.37 0.17 4.87 241.0 10.0 292.5 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 6 22 173 14 141.6 0.351 1.285 0.011 541. 500. -27.5 0.0450 0.37 0.17 4.17 238.0 10.0 293.1 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 6 22 173 15 125.5 0.365 1.248 0.010 559. 529. -34.9 0.0450 0.37 0.17 4.41 229.0 10.0 292.0 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 6 22 173 16 101.5 0.344 1.174 0.008 574. 485. -36.1 0.0450 0.37 0.18 4.17 236.0 10.0 290.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 6 22 173 17 71.3 0.312 1.051 0.008 586. 419. -38.4 0.0450 0.37 0.19 3.80 217.0 10.0 290.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 6 22 173 18 35.8 0.278 0.838 0.007 591. 353. -54.2 0.0450 0.37 0.24 3.46 210.0 10.0 289.2 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 6 22 173 19 -0.4 0.247 -9.000 -9.000 -999. 296. 3087.0 0.0450 0.37 0.39 3.34 218.0 10.0 287.0 2.0 0
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19 6 22 173 20 -11.5 0.143 -9.000 -9.000 -999. 135. 23.1 0.0450 0.37 1.00 2.11 213.0 10.0 286.4 2.0 0
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19 6 22 173 21 -2.4 0.069 -9.000 -9.000 -999. 45. 12.0 0.0420 0.37 1.00 0.94 159.0 10.0 286.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 6 22 173 22 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.37 1.00 1.20 52.0 10.0 287.0 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 6 22 173 23 -2.1 0.066 -9.000 -9.000 -999. 40. 11.9 0.0380 0.37 1.00 0.87 321.0 10.0 285.9 2.0 0
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19 6 22 173 24 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.37 1.00 1.45 321.0 10.0 285.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 6 23 174 1 -3.1 0.074 -9.000 -9.000 -999. 48. 11.7 0.0320 0.37 1.00 1.14 282.0 10.0 283.8 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
19 6 23 174 2 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0370 0.37 1.00 0.87 29.0 10.0 284.9 2.0 0
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19 6 23 174 3 -2.9 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.37 1.00 1.09 261.0 10.0 284.9 2.0 0
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19 6 23 174 4 -4.3 0.086 -9.000 -9.000 -999. 60. 13.1 0.0320 0.37 1.00 1.37 284.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 6 23 174 5 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.37 1.00 1.14 312.0 10.0 284.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 6 23 174 6 -3.6 0.086 -9.000 -9.000 -999. 61. 16.1 0.0440 0.37 0.47 1.31 354.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 6 23 174 7 4.5 0.080 0.234 0.029 102. 54. -10.2 0.0440 0.37 0.27 0.87 334.0 10.0 285.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 6 23 174 8 13.8 0.115 0.367 0.030 128. 93. -9.9 0.0360 0.37 0.20 1.30 240.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 6 23 174 9 91.3 0.163 0.777 0.026 185. 158. -4.3 0.0280 0.37 0.18 1.76 198.0 10.0 289.2 2.0 0
0.00 80. 1010. 5 ADJ-A1 NoSubs
19 6 23 174 10 119.0 0.272 0.953 0.020 262. 341. -15.3 0.0280 0.37 0.17 3.39 193.0 10.0 291.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 6 23 174 11 137.7 0.317 1.107 0.012 355. 429. -20.9 0.0450 0.37 0.17 3.68 212.0 10.0 293.1 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 6 23 174 12 147.5 0.357 1.164 0.010 386. 511. -27.7 0.0450 0.37 0.17 4.24 212.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 6 23 174 13 148.8 0.379 1.197 0.009 415. 559. -32.9 0.0450 0.37 0.17 4.56 230.0 10.0 293.8 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 6 23 174 14 141.6 0.376 1.230 0.009 473. 553. -33.7 0.0450 0.37 0.17 4.53 223.0 10.0 293.1 2.0 0

0.00 64. 1010. 0 ADJ-A1 NoSubs
19 6 23 174 15 125.8 0.359 1.230 0.010 533. 516. -33.0 0.0450 0.37 0.17 4.32 233.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 6 23 174 16 101.8 0.363 1.166 0.009 561. 525. -42.4 0.0360 0.37 0.18 4.65 254.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 6 23 174 17 71.3 0.314 1.047 0.008 579. 424. -39.1 0.0360 0.37 0.19 4.00 251.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 6 23 174 18 35.9 0.276 0.837 0.007 587. 348. -52.5 0.0450 0.37 0.24 3.42 237.0 10.0 289.2 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 6 23 174 19 3.6 0.215 0.388 0.007 586. 241. -250.8 0.0450 0.37 0.39 2.84 236.0 10.0 287.5 2.0 0
0.00 86. 1009. 3 ADJ-A1 NoSubs
19 6 23 174 20 -13.6 0.156 -9.000 -9.000 -999. 148. 26.6 0.0360 0.37 1.00 2.37 253.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 23 174 21 -4.2 0.084 -9.000 -9.000 -999. 60. 13.0 0.0320 0.37 1.00 1.35 279.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 6 23 174 22 -3.4 0.078 -9.000 -9.000 -999. 52. 12.5 0.0420 0.37 1.00 1.16 161.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 6 23 174 23 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0360 0.37 1.00 1.21 109.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 23 174 24 -4.1 0.084 -9.000 -9.000 -999. 58. 13.2 0.0380 0.37 1.00 1.30 325.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 6 24 175 1 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0320 0.37 1.00 1.65 275.0 10.0 285.9 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 6 24 175 2 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.37 1.00 1.03 15.0 10.0 286.4 2.0 0
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19 6 24 175 3 -3.6 0.080 -9.000 -9.000 -999. 54. 12.6 0.0370 0.37 1.00 1.23 7.0 10.0 286.4 2.0 0
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19 6 24 175 4 -5.0 0.094 -9.000 -9.000 -999. 69. 14.7 0.0440 0.37 1.00 1.42 342.0 10.0 286.4 2.0 0
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19 6 24 175 6 -2.3 0.069 -9.000 -9.000 -999. 44. 12.9 0.0320 0.37 0.47 1.11 284.0 10.0 286.4 2.0 0
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19 6 24 175 7 4.7 0.107 0.237 0.027 102. 83. -23.3 0.0360 0.37 0.27 1.31 251.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 6 24 175 8 13.8 0.121 0.422 0.033 195. 101. -11.6 0.0280 0.37 0.20 1.47 206.0 10.0 287.0 2.0 0
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19 6 24 175 9 22.1 0.126 0.501 0.032 205. 107. -8.1 0.0280 0.37 0.18 1.47 205.0 10.0 288.8 2.0 0
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19 6 24 175 10 28.9 0.236 0.559 0.028 217. 276. -41.1 0.0450 0.37 0.17 2.89 216.0 10.0 290.4 2.0 0
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19 6 24 175 11 137.3 0.362 1.013 0.019 272. 523. -31.1 0.0450 0.37 0.17 4.34 219.0 10.0 291.4 2.0 0
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19 6 24 175 12 147.3 0.350 1.132 0.021 354. 497. -26.1 0.0450 0.37 0.17 4.14 228.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
19 6 24 175 13 148.4 0.367 1.193 0.018 411. 534. -30.0 0.0450 0.37 0.17 4.39 235.0 10.0 292.0 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
19 6 24 175 14 141.4 0.399 1.217 0.014 458. 604. -40.3 0.0450 0.37 0.17 4.87 229.0 10.0 292.0 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
19 6 24 175 15 125.3 0.400 1.198 0.013 493. 607. -45.8 0.0450 0.37 0.17 4.92 233.0 10.0 290.9 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
19 6 24 175 16 102.0 0.389 1.139 0.015 520. 582. -51.7 0.0450 0.37 0.18 4.82 228.0 10.0 292.0 2.0 0
0.00 64. 1006. 0 ADJ-A1 NoSubs
19 6 24 175 17 71.4 0.356 1.022 0.018 536. 511. -56.8 0.0450 0.37 0.19 4.44 233.0 10.0 290.4 2.0 0

0.00 72. 1006. 0 ADJ-A1 NoSubs
19 6 24 175 18 38.6 0.288 0.837 0.018 544. 374. -55.8 0.0450 0.37 0.24 3.59 236.0 10.0 288.8 2.0 0
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19 6 24 175 19 -5.2 0.225 -9.000 -9.000 -999. 258. 195.6 0.0450 0.37 0.39 3.13 231.0 10.0 288.1 2.0 0
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19 6 24 175 20 -11.6 0.145 -9.000 -9.000 -999. 134. 23.4 0.0450 0.37 1.00 2.13 235.0 10.0 287.5 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
19 6 24 175 21 -3.4 0.078 -9.000 -9.000 -999. 54. 12.3 0.0360 0.37 1.00 1.20 249.0 10.0 287.5 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
19 6 24 175 22 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0360 0.37 1.00 1.45 252.0 10.0 287.5 2.0 0
0.00 83. 1006. 10 ADJ-A1 NoSubs
19 6 24 175 23 -5.0 0.094 -9.000 -9.000 -999. 69. 14.8 0.0450 0.37 1.00 1.42 213.0 10.0 287.5 2.0 0
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19 6 24 175 24 -6.4 0.105 -9.000 -9.000 -999. 82. 16.3 0.0360 0.37 1.00 1.65 241.0 10.0 287.0 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 6 25 176 1 -3.7 0.081 -9.000 -9.000 -999. 56. 13.0 0.0450 0.37 1.00 1.21 217.0 10.0 287.0 2.0 0
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19 6 25 176 2 -4.0 0.083 -9.000 -9.000 -999. 57. 12.6 0.0280 0.37 1.00 1.35 208.0 10.0 287.0 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
19 6 25 176 3 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0360 0.37 1.00 1.26 264.0 10.0 287.0 2.0 0
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19 6 25 176 4 -6.0 0.102 -9.000 -9.000 -999. 78. 15.9 0.0380 0.37 1.00 1.59 306.0 10.0 286.4 2.0 0
0.00 92. 1005. 10 ADJ-A1 NoSubs
19 6 25 176 5 -4.3 0.086 -9.000 -9.000 -999. 61. 13.2 0.0320 0.37 1.00 1.38 295.0 10.0 286.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
19 6 25 176 6 -2.1 0.067 -9.000 -9.000 -999. 42. 12.8 0.0420 0.37 0.47 1.01 156.0 10.0 286.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 6 25 176 7 4.7 0.102 0.342 0.028 303. 78. -20.1 0.0450 0.37 0.27 1.18 239.0 10.0 287.0 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
19 6 25 176 8 13.8 0.123 0.501 0.028 326. 103. -12.1 0.0360 0.37 0.20 1.42 248.0 10.0 287.5 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
19 6 25 176 9 21.9 0.116 0.604 0.028 360. 94. -6.3 0.0450 0.37 0.18 1.18 217.0 10.0 288.1 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
19 6 25 176 10 28.7 0.183 0.685 0.028 401. 188. -19.2 0.0450 0.37 0.17 2.11 215.0 10.0 289.9 2.0 0
0.00 74. 1007. 10 ADJ-A1 NoSubs
19 6 25 176 11 111.7 0.216 1.109 0.026 439. 240. -8.1 0.0280 0.37 0.17 2.52 188.0 10.0 291.4 2.0 0
0.00 67. 1007. 7 ADJ-A1 NoSubs
19 6 25 176 12 147.4 0.288 1.266 0.024 494. 370. -14.5 0.0280 0.37 0.17 3.56 202.0 10.0 293.1 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
19 6 25 176 13 148.6 0.352 1.319 0.022 554. 502. -26.4 0.0450 0.37 0.17 4.17 210.0 10.0 293.1 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
19 6 25 176 14 141.9 0.363 1.306 0.020 565. 524. -30.2 0.0450 0.37 0.17 4.34 220.0 10.0 293.8 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
19 6 25 176 15 125.9 0.383 1.263 0.018 574. 570. -40.2 0.0450 0.37 0.17 4.68 224.0 10.0 293.1 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
19 6 25 176 16 102.2 0.342 1.183 0.017 581. 482. -35.2 0.0450 0.37 0.18 4.14 212.0 10.0 292.5 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
19 6 25 176 17 71.7 0.303 1.054 0.016 586. 401. -34.8 0.0280 0.37 0.19 4.02 200.0 10.0 291.4 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
19 6 25 176 18 36.5 0.281 0.843 0.015 588. 358. -54.4 0.0420 0.37 0.24 3.54 162.0 10.0 290.9 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
19 6 25 176 19 0.4 0.269 0.193 0.015 588. 335. -4001.8 0.0390 0.37 0.39 3.73 141.0 10.0 289.2 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 6 25 176 20 -23.8 0.244 -9.000 -9.000 -999. 290. 65.7 0.0390 0.37 1.00 3.58 132.0 10.0 288.8 2.0 0

0.00 79. 1007. 0 ADJ-A1 NoSubs
19 6 25 176 21 -15.2 0.165 -9.000 -9.000 -999. 163. 29.9 0.0360 0.37 1.00 2.50 97.0 10.0 287.5 2.0 0
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19 6 25 176 22 -8.5 0.122 -9.000 -9.000 -999. 102. 19.0 0.0340 0.37 1.00 1.91 67.0 10.0 287.0 2.0 0
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19 6 25 176 23 -7.4 0.113 -9.000 -9.000 -999. 91. 17.7 0.0370 0.37 1.00 1.76 52.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 6 25 176 24 -13.2 0.152 -9.000 -9.000 -999. 143. 25.6 0.0340 0.37 1.00 2.35 73.0 10.0 287.5 2.0 0
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19 6 26 177 1 -18.3 0.187 -9.000 -9.000 -999. 194. 38.4 0.0340 0.37 1.00 2.84 86.0 10.0 288.1 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 6 26 177 2 -17.3 0.176 -9.000 -9.000 -999. 177. 34.1 0.0360 0.37 1.00 2.66 101.0 10.0 287.5 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 6 26 177 3 -12.3 0.147 -9.000 -9.000 -999. 135. 23.7 0.0340 0.37 1.00 2.27 86.0 10.0 287.0 2.0 0
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19 6 26 177 4 -11.2 0.141 -9.000 -9.000 -999. 127. 22.3 0.0360 0.37 1.00 2.16 94.0 10.0 287.0 2.0 0
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19 6 26 177 5 -8.1 0.118 -9.000 -9.000 -999. 98. 18.4 0.0340 0.37 1.00 1.86 71.0 10.0 287.0 2.0 0
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19 6 26 177 6 -4.7 0.099 -9.000 -9.000 -999. 74. 18.5 0.0340 0.37 0.48 1.55 68.0 10.0 287.5 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 6 26 177 7 23.8 0.126 0.629 0.013 376. 108. -7.6 0.0370 0.37 0.27 1.38 37.0 10.0 288.8 2.0 0
0.00 74. 1010. 7 ADJ-A1 NoSubs
19 6 26 177 8 61.3 0.162 0.886 0.012 409. 156. -6.2 0.0340 0.37 0.20 1.76 80.0 10.0 289.2 2.0 0
0.00 71. 1010. 5 ADJ-A1 NoSubs
19 6 26 177 9 77.4 0.178 0.972 0.011 428. 181. -6.6 0.0420 0.37 0.18 1.86 162.0 10.0 292.0 2.0 0
0.00 62. 1010. 7 ADJ-A1 NoSubs
19 6 26 177 10 119.0 0.268 1.145 0.009 455. 333. -14.6 0.0280 0.37 0.17 3.32 200.0 10.0 292.5 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 6 26 177 11 137.7 0.337 1.287 0.009 559. 469. -25.0 0.0450 0.37 0.17 3.97 226.0 10.0 293.8 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
19 6 26 177 12 147.6 0.379 1.399 0.011 669. 560. -33.3 0.0450 0.37 0.17 4.57 234.0 10.0 294.2 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
19 6 26 177 13 149.2 0.401 1.468 0.011 766. 609. -38.9 0.0450 0.37 0.17 4.88 238.0 10.0 295.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 6 26 177 14 141.9 0.482 1.509 0.012 875. 803. -71.3 0.0360 0.37 0.17 6.35 241.0 10.0 293.8 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
19 6 26 177 15 125.8 0.449 1.484 0.013 939. 723. -64.7 0.0450 0.37 0.17 5.63 238.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
19 6 26 177 16 102.3 0.401 1.405 0.012 979. 612. -56.9 0.0450 0.37 0.18 5.00 214.0 10.0 292.5 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
19 6 26 177 17 72.1 0.318 1.263 0.012 1007. 434. -40.0 0.0420 0.37 0.19 3.93 176.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
19 6 26 177 18 36.6 0.308 1.011 0.012 1018. 411. -72.0 0.0390 0.37 0.24 4.00 133.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 6 26 177 19 0.6 0.310 0.263 0.012 1016. 415. -4202.1 0.0360 0.37 0.38 4.36 97.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 6 26 177 20 -20.8 0.213 -9.000 -9.000 -999. 240. 49.7 0.0360 0.37 1.00 3.18 105.0 10.0 288.8 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
19 6 26 177 21 -8.7 0.123 -9.000 -9.000 -999. 107. 19.3 0.0340 0.37 1.00 1.93 86.0 10.0 288.1 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
19 6 26 177 22 -4.9 0.091 -9.000 -9.000 -999. 66. 14.2 0.0370 0.37 1.00 1.43 38.0 10.0 287.5 2.0 0
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19 6 26 177 23 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0380 0.37 1.00 1.72 320.0 10.0 286.4 2.0 0

0.00 83. 1012. 0 ADJ-A1 NoSubs
19 6 26 177 24 -4.8 0.091 -9.000 -9.000 -999. 66. 14.3 0.0440 0.37 1.00 1.38 335.0 10.0 285.4 2.0 0
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19 6 27 178 1 -10.1 0.134 -9.000 -9.000 -999. 117. 21.4 0.0440 0.37 1.00 1.99 334.0 10.0 285.9 2.0 0
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19 6 27 178 2 -3.8 0.082 -9.000 -9.000 -999. 57. 13.1 0.0440 0.37 1.00 1.23 341.0 10.0 286.4 2.0 0
0.00 83. 1012. 7 ADJ-A1 NoSubs
19 6 27 178 3 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0370 0.37 1.00 0.96 5.0 10.0 285.9 2.0 0
0.00 82. 1012. 7 ADJ-A1 NoSubs
19 6 27 178 4 -3.5 0.079 -9.000 -9.000 -999. 53. 12.6 0.0440 0.37 1.00 1.16 345.0 10.0 284.9 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
19 6 27 178 5 -5.3 0.096 -9.000 -9.000 -999. 71. 15.0 0.0440 0.37 1.00 1.45 350.0 10.0 284.2 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
19 6 27 178 6 -4.0 0.095 -9.000 -9.000 -999. 71. 19.6 0.0440 0.37 0.48 1.43 339.0 10.0 284.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 6 27 178 7 23.9 0.136 0.661 0.008 436. 121. -9.5 0.0440 0.37 0.27 1.47 343.0 10.0 288.1 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
19 6 27 178 8 60.5 0.146 0.985 0.009 572. 134. -4.6 0.0420 0.37 0.20 1.45 151.0 10.0 290.4 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
19 6 27 178 9 95.4 0.208 1.238 0.009 720. 227. -8.5 0.0280 0.37 0.18 2.44 187.0 10.0 292.0 2.0 0
0.00 60. 1013. 3 ADJ-A1 NoSubs
19 6 27 178 10 118.9 0.301 1.368 0.008 779. 397. -20.8 0.0280 0.37 0.17 3.85 204.0 10.0 292.5 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
19 6 27 178 11 137.8 0.368 1.468 0.008 832. 536. -32.7 0.0450 0.37 0.17 4.43 227.0 10.0 294.2 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
19 6 27 178 12 147.8 0.359 1.532 0.009 881. 516. -28.2 0.0450 0.37 0.17 4.27 232.0 10.0 294.9 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
19 6 27 178 13 149.2 0.358 1.564 0.011 928. 515. -27.9 0.0360 0.37 0.17 4.46 243.0 10.0 295.4 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
19 6 27 178 14 142.5 0.350 1.587 0.013 1015. 497. -27.1 0.0450 0.37 0.17 4.15 232.0 10.0 295.9 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
19 6 27 178 15 126.9 0.334 1.553 0.013 1066. 463. -26.4 0.0450 0.37 0.17 3.95 229.0 10.0 296.4 2.0 0
0.00 47. 1012. 0 ADJ-A1 NoSubs
19 6 27 178 16 103.4 0.272 1.468 0.013 1106. 342. -17.5 0.0450 0.37 0.18 3.10 224.0 10.0 296.4 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
19 6 27 178 17 73.4 0.266 1.354 0.014 1220. 329. -23.1 0.0420 0.37 0.19 3.16 175.0 10.0 297.0 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
19 6 27 178 18 38.0 0.222 1.105 0.015 1279. 252. -26.1 0.0390 0.37 0.24 2.71 143.0 10.0 295.9 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
19 6 27 178 19 1.3 0.274 0.360 0.015 1256. 344. -1391.0 0.0420 0.37 0.38 3.73 168.0 10.0 292.5 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
19 6 27 178 20 -23.4 0.240 -9.000 -9.000 -999. 282. 63.3 0.0420 0.37 1.00 3.47 178.0 10.0 289.9 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
19 6 27 178 21 -9.0 0.124 -9.000 -9.000 -999. 112. 19.1 0.0280 0.37 1.00 2.01 199.0 10.0 287.5 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
19 6 27 178 22 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0360 0.37 1.00 1.28 264.0 10.0 286.4 2.0 0
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19 6 27 178 23 -5.2 0.094 -9.000 -9.000 -999. 69. 14.5 0.0360 0.37 1.00 1.48 248.0 10.0 287.0 2.0 0
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19 6 27 178 24 -1.6 0.061 -9.000 -9.000 -999. 36. 12.6 0.0320 0.37 1.00 0.72 284.0 10.0 287.0 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 1 -2.3 0.068 -9.000 -9.000 -999. 42. 12.1 0.0440 0.37 1.00 0.91 349.0 10.0 287.5 2.0 0
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19 6 28 179 2 -5.4 0.097 -9.000 -9.000 -999. 72. 15.2 0.0440 0.37 1.00 1.47 345.0 10.0 287.0 2.0 0

0.00 83. 1011. 0 ADJ-A1 NoSubs
19 6 28 179 3 -5.9 0.102 -9.000 -9.000 -999. 78. 16.0 0.0440 0.37 1.00 1.54 331.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 6 28 179 4 -8.8 0.124 -9.000 -9.000 -999. 105. 19.6 0.0380 0.37 1.00 1.91 320.0 10.0 287.0 2.0 0
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19 6 28 179 5 -6.7 0.108 -9.000 -9.000 -999. 85. 16.8 0.0380 0.37 1.00 1.67 307.0 10.0 287.0 2.0 0
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19 6 28 179 6 -5.6 0.114 -9.000 -9.000 -999. 92. 23.5 0.0360 0.37 0.48 1.74 108.0 10.0 287.5 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 7 23.7 0.108 0.590 0.014 311. 86. -4.8 0.0340 0.37 0.27 1.14 67.0 10.0 288.1 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 8 60.1 0.150 0.874 0.016 402. 139. -5.0 0.0370 0.37 0.20 1.55 59.0 10.0 289.2 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 9 92.3 0.162 1.052 0.014 455. 156. -4.1 0.0280 0.37 0.18 1.74 191.0 10.0 290.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 10 118.4 0.177 1.186 0.013 509. 179. -4.3 0.0390 0.37 0.17 1.77 132.0 10.0 290.9 2.0 0
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19 6 28 179 11 137.2 0.198 1.290 0.011 565. 212. -5.1 0.0390 0.37 0.17 2.03 147.0 10.0 292.5 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
19 6 28 179 12 147.4 0.234 1.363 0.010 621. 271. -7.8 0.0280 0.37 0.17 2.72 180.0 10.0 293.8 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 13 149.0 0.274 1.397 0.008 661. 345. -12.5 0.0280 0.37 0.17 3.35 195.0 10.0 294.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 14 141.9 0.277 1.455 0.008 784. 349. -13.5 0.0280 0.37 0.17 3.40 206.0 10.0 293.8 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 15 126.1 0.282 1.418 0.007 818. 359. -16.0 0.0280 0.37 0.17 3.52 209.0 10.0 293.1 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 16 102.7 0.256 1.340 0.006 845. 312. -14.8 0.0280 0.37 0.18 3.18 197.0 10.0 293.8 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 17 72.2 0.292 1.201 0.005 865. 379. -31.2 0.0390 0.37 0.19 3.61 148.0 10.0 292.5 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
19 6 28 179 18 36.6 0.354 0.961 0.005 874. 506. -109.3 0.0390 0.37 0.24 4.68 140.0 10.0 290.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
19 6 28 179 19 0.6 0.258 0.248 0.005 873. 319. -2481.1 0.0390 0.37 0.38 3.57 146.0 10.0 289.2 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
19 6 28 179 20 -22.4 0.228 -9.000 -9.000 -999. 262. 57.2 0.0390 0.37 1.00 3.35 134.0 10.0 288.1 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
19 6 28 179 21 -15.5 0.166 -9.000 -9.000 -999. 164. 30.4 0.0360 0.37 1.00 2.52 92.0 10.0 287.5 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 22 -5.9 0.100 -9.000 -9.000 -999. 77. 15.6 0.0370 0.37 1.00 1.57 59.0 10.0 287.0 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
19 6 28 179 23 -4.3 0.087 -9.000 -9.000 -999. 61. 13.7 0.0440 0.37 1.00 1.31 360.0 10.0 285.9 2.0 0
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19 6 28 179 24 -6.1 0.102 -9.000 -9.000 -999. 78. 15.9 0.0380 0.37 1.00 1.59 326.0 10.0 285.9 2.0 0
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0.00 96. 1012. 10 ADJ-A1 NoSubs
19 6 29 180 5 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0370 0.37 1.00 0.94 7.0 10.0 283.1 2.0 0

0.00 96. 1012. 10 ADJ-A1 NoSubs
19 6 29 180 6 -3.4 0.083 -9.000 -9.000 -999. 57. 15.0 0.0440 0.37 0.48 1.26 352.0 10.0 283.1 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 6 29 180 7 4.2 0.095 -9.000 -9.000 -999. 71. -18.8 0.0320 0.37 0.27 1.18 274.0 10.0 284.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 6 29 180 8 13.5 0.124 -9.000 -9.000 -999. 105. -12.9 0.0450 0.37 0.20 1.38 216.0 10.0 286.4 2.0 0
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19 6 29 180 9 92.1 0.182 -9.000 -9.000 -999. 186. -5.9 0.0280 0.37 0.18 2.05 190.0 10.0 289.9 2.0 0
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19 6 29 180 10 118.6 0.217 -9.000 -9.000 -999. 243. -7.8 0.0280 0.37 0.17 2.53 191.0 10.0 292.5 2.0 0
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19 6 29 180 12 147.7 0.322 -9.000 -9.000 -999. 439. -20.4 0.0450 0.37 0.17 3.73 214.0 10.0 294.9 2.0 0
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19 6 29 180 13 149.2 0.290 -9.000 -9.000 -999. 375. -14.7 0.0280 0.37 0.17 3.59 204.0 10.0 295.4 2.0 0
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19 6 29 180 14 141.7 0.339 -9.000 -9.000 -999. 473. -24.8 0.0420 0.37 0.17 4.05 171.0 10.0 293.1 2.0 0
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19 6 29 180 23 -5.7 0.099 -9.000 -9.000 -999. 75. 15.4 0.0370 0.37 1.00 1.55 47.0 10.0 287.0 2.0 0
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19 6 29 180 24 -4.7 0.091 -9.000 -9.000 -999. 65. 14.2 0.0440 0.37 1.00 1.37 342.0 10.0 285.9 2.0 0
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19 6 30 181 1 -5.6 0.099 -9.000 -9.000 -999. 75. 15.5 0.0440 0.37 1.00 1.50 334.0 10.0 284.9 2.0 0
0.00 85. 1011. 0 ADJ-A1 NoSubs
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19 6 30 181 3 -3.1 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.37 1.00 1.11 4.0 10.0 284.9 2.0 0
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19 6 30 181 4 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0370 0.37 1.00 1.28 43.0 10.0 285.4 2.0 0
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19 6 30 181 5 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0370 0.37 1.00 1.81 52.0 10.0 285.9 2.0 0
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19 6 30 181 6 -5.3 0.103 -9.000 -9.000 -999. 80. 18.8 0.0340 0.37 0.48 1.62 65.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 6 30 181 7 4.5 0.111 0.336 0.023 304. 89. -27.6 0.0340 0.37 0.27 1.40 74.0 10.0 287.0 2.0 0
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0.00 80. 1012. 10 ADJ-A1 NoSubs
19 6 30 181 9 92.2 0.152 0.973 0.022 361. 143. -3.5 0.0280 0.37 0.18 1.60 189.0 10.0 290.9 2.0 0
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19 6 30 181 10 118.7 0.229 1.095 0.020 400. 263. -9.2 0.0280 0.37 0.17 2.71 198.0 10.0 293.1 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
19 6 30 181 11 137.2 0.287 1.172 0.018 424. 368. -15.5 0.0280 0.37 0.17 3.57 201.0 10.0 293.1 2.0 0
0.00 62. 1013. 0 ADJ-A1 NoSubs
19 6 30 181 12 147.3 0.313 1.224 0.016 450. 420. -18.8 0.0280 0.37 0.17 3.97 205.0 10.0 293.8 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
19 6 30 181 13 148.5 0.377 1.249 0.011 474. 555. -32.5 0.0450 0.37 0.17 4.53 218.0 10.0 293.1 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
19 6 30 181 14 141.9 0.357 1.295 0.011 553. 513. -29.0 0.0450 0.37 0.17 4.26 215.0 10.0 293.8 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 6 30 181 15 126.3 0.321 1.296 0.009 623. 437. -23.6 0.0280 0.37 0.17 4.14 187.0 10.0 293.8 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
19 6 30 181 16 102.4 0.340 1.240 0.008 672. 476. -34.7 0.0420 0.37 0.18 4.17 156.0 10.0 292.5 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
19 6 30 181 17 72.1 0.372 1.120 0.008 704. 544. -64.4 0.0390 0.37 0.19 4.80 120.0 10.0 291.4 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
19 6 30 181 18 36.7 0.359 0.901 0.007 718. 516. -113.6 0.0390 0.37 0.24 4.75 123.0 10.0 290.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
19 6 30 181 19 0.5 0.322 0.209 0.007 714. 440. -6568.2 0.0360 0.37 0.38 4.53 119.0 10.0 288.1 2.0 0
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19 6 30 181 21 -20.8 0.211 -9.000 -9.000 -999. 232. 48.7 0.0360 0.37 1.00 3.15 99.0 10.0 287.0 2.0 0
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19 6 30 181 22 -18.1 0.183 -9.000 -9.000 -999. 187. 36.6 0.0340 0.37 1.00 2.78 89.0 10.0 286.4 2.0 0
0.00 86. 1013. 5 ADJ-A1 NoSubs
19 6 30 181 23 -9.5 0.129 -9.000 -9.000 -999. 111. 20.2 0.0340 0.37 1.00 2.01 82.0 10.0 287.0 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 6 30 181 24 -5.6 0.098 -9.000 -9.000 -999. 74. 15.3 0.0370 0.37 1.00 1.54 43.0 10.0 287.0 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 7 1 182 1 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0340 0.37 1.00 1.84 62.0 10.0 286.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 7 1 182 2 -5.1 0.094 -9.000 -9.000 -999. 69. 14.5 0.0370 0.37 1.00 1.47 56.0 10.0 285.9 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 1 182 3 -2.2 0.066 -9.000 -9.000 -999. 41. 11.9 0.0380 0.37 1.00 0.89 326.0 10.0 285.4 2.0 0
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19 7 1 182 4 -4.7 0.091 -9.000 -9.000 -999. 65. 14.2 0.0440 0.37 1.00 1.37 337.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 7 1 182 5 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0370 0.37 1.00 1.31 1.0 10.0 285.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 7 1 182 6 -7.3 0.122 -9.000 -9.000 -999. 102. 22.3 0.0370 0.37 0.49 1.86 27.0 10.0 284.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 7 1 182 7 4.1 0.125 0.308 0.026 253. 106. -42.3 0.0370 0.37 0.27 1.59 16.0 10.0 285.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 7 1 182 8 13.3 0.099 0.494 0.027 327. 74. -6.5 0.0370 0.37 0.20 1.06 55.0 10.0 285.9 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 7 1 182 9 21.6 0.109 0.632 0.028 422. 86. -5.4 0.0370 0.37 0.18 1.14 6.0 10.0 287.5 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 7 1 182 10 28.6 0.165 0.745 0.028 522. 161. -14.3 0.0420 0.37 0.17 1.88 155.0 10.0 289.9 2.0 0
0.00 72. 1013. 10 ADJ-A1 NoSubs
19 7 1 182 11 138.7 0.243 1.320 0.027 601. 288. -9.4 0.0280 0.37 0.17 2.88 207.0 10.0 291.4 2.0 0

0.00 67. 1013. 3 ADJ-A1 NoSubs
19 7 1 182 12 147.1 0.289 1.365 0.025 626. 373. -14.9 0.0280 0.37 0.17 3.59 197.0 10.0 293.1 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
19 7 1 182 13 148.9 0.298 1.384 0.023 644. 391. -16.1 0.0280 0.37 0.17 3.73 197.0 10.0 294.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
19 7 1 182 14 141.9 0.356 1.373 0.021 660. 511. -28.8 0.0420 0.37 0.17 4.31 170.0 10.0 293.8 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
19 7 1 182 15 126.3 0.369 1.330 0.020 674. 538. -35.9 0.0390 0.37 0.17 4.60 143.0 10.0 293.8 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 7 1 182 16 102.6 0.323 1.249 0.019 685. 441. -29.6 0.0390 0.37 0.18 3.97 129.0 10.0 293.1 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
19 7 1 182 17 72.5 0.328 1.115 0.018 689. 450. -43.8 0.0390 0.37 0.19 4.14 140.0 10.0 293.1 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
19 7 1 182 18 37.4 0.257 0.895 0.017 691. 315. -40.8 0.0390 0.37 0.24 3.23 148.0 10.0 293.1 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 7 1 182 19 1.1 0.254 0.273 0.017 691. 307. -1388.7 0.0420 0.37 0.38 3.46 154.0 10.0 290.9 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
19 7 1 182 20 -22.9 0.233 -9.000 -9.000 -999. 270. 59.7 0.0390 0.37 1.00 3.42 145.0 10.0 288.1 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
19 7 1 182 21 -16.2 0.170 -9.000 -9.000 -999. 169. 31.7 0.0360 0.37 1.00 2.57 107.0 10.0 287.5 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
19 7 1 182 22 -16.2 0.170 -9.000 -9.000 -999. 168. 31.7 0.0360 0.37 1.00 2.57 90.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 7 1 182 23 -6.5 0.106 -9.000 -9.000 -999. 83. 16.4 0.0370 0.37 1.00 1.65 58.0 10.0 286.4 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 7 1 182 24 -5.9 0.100 -9.000 -9.000 -999. 76. 15.5 0.0370 0.37 1.00 1.57 26.0 10.0 285.4 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 7 2 183 1 -5.1 0.094 -9.000 -9.000 -999. 70. 14.8 0.0440 0.37 1.00 1.43 342.0 10.0 284.9 2.0 0
0.00 85. 1011. 3 ADJ-A1 NoSubs
19 7 2 183 2 -4.9 0.092 -9.000 -9.000 -999. 67. 14.5 0.0440 0.37 1.00 1.40 345.0 10.0 284.9 2.0 0
0.00 85. 1010. 10 ADJ-A1 NoSubs
19 7 2 183 3 -3.2 0.076 -9.000 -9.000 -999. 50. 12.4 0.0440 0.37 1.00 1.11 337.0 10.0 285.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 7 2 183 4 -2.6 0.070 -9.000 -9.000 -999. 45. 12.1 0.0440 0.37 1.00 0.97 350.0 10.0 285.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 2 183 5 -5.4 0.096 -9.000 -9.000 -999. 71. 14.8 0.0370 0.37 1.00 1.50 37.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 2 183 6 -4.9 0.099 -9.000 -9.000 -999. 75. 17.9 0.0360 0.37 0.49 1.55 100.0 10.0 285.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 7 2 183 7 4.2 0.093 0.315 0.020 269. 68. -17.2 0.0360 0.37 0.27 1.11 94.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 7 2 183 8 13.2 0.119 0.472 0.020 286. 99. -11.5 0.0360 0.37 0.20 1.37 113.0 10.0 285.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 7 2 183 9 21.9 0.115 0.575 0.020 313. 93. -6.2 0.0390 0.37 0.18 1.21 124.0 10.0 289.2 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
19 7 2 183 10 118.1 0.185 1.112 0.019 420. 190. -4.8 0.0420 0.37 0.17 1.84 168.0 10.0 292.0 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
19 7 2 183 11 136.9 0.300 1.188 0.017 441. 394. -17.8 0.0280 0.37 0.17 3.78 193.0 10.0 292.5 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
19 7 2 183 12 147.6 0.274 1.239 0.015 465. 345. -12.6 0.0280 0.37 0.17 3.35 182.0 10.0 295.4 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 7 2 183 13 148.9 0.313 1.269 0.012 494. 421. -18.6 0.0390 0.37 0.17 3.71 142.0 10.0 294.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 7 2 183 14 142.3 0.326 1.290 0.011 543. 446. -21.8 0.0390 0.37 0.17 3.91 130.0 10.0 295.4 2.0 0

0.00 52. 1009. 0 ADJ-A1 NoSubs
19 7 2 183 15 126.7 0.328 1.271 0.009 584. 450. -25.0 0.0390 0.37 0.17 3.98 125.0 10.0 295.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 7 2 183 16 102.8 0.343 1.226 0.008 646. 482. -35.3 0.0360 0.37 0.18 4.34 117.0 10.0 293.8 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
19 7 2 183 17 72.3 0.374 1.111 0.008 684. 548. -65.0 0.0360 0.37 0.19 4.90 117.0 10.0 292.0 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
19 7 2 183 18 36.7 0.327 0.894 0.008 701. 450. -85.4 0.0360 0.37 0.24 4.34 97.0 10.0 290.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 7 2 183 19 0.7 0.276 0.237 0.008 699. 350. -2769.1 0.0360 0.37 0.38 3.88 116.0 10.0 289.2 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 7 2 183 20 -19.6 0.200 -9.000 -9.000 -999. 217. 44.0 0.0360 0.37 1.00 3.00 100.0 10.0 288.1 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 7 2 183 21 -16.1 0.169 -9.000 -9.000 -999. 167. 31.5 0.0340 0.37 1.00 2.59 67.0 10.0 287.5 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 7 2 183 22 -14.3 0.159 -9.000 -9.000 -999. 152. 27.7 0.0340 0.37 1.00 2.44 69.0 10.0 286.4 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 7 2 183 23 -19.2 0.195 -9.000 -9.000 -999. 207. 41.9 0.0360 0.37 1.00 2.93 91.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 2 183 24 -15.1 0.164 -9.000 -9.000 -999. 160. 29.6 0.0360 0.37 1.00 2.49 95.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 3 184 1 -13.6 0.156 -9.000 -9.000 -999. 147. 26.6 0.0360 0.37 1.00 2.37 91.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 3 184 2 -9.2 0.127 -9.000 -9.000 -999. 108. 19.9 0.0360 0.37 1.00 1.96 102.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 7 3 184 3 -5.8 0.100 -9.000 -9.000 -999. 76. 15.5 0.0360 0.37 1.00 1.57 92.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 7 3 184 4 -3.2 0.075 -9.000 -9.000 -999. 50. 12.0 0.0340 0.37 1.00 1.16 81.0 10.0 286.4 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 7 3 184 5 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0370 0.37 1.00 1.28 56.0 10.0 287.0 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 7 3 184 6 -2.4 0.070 -9.000 -9.000 -999. 44. 12.8 0.0370 0.37 0.49 1.08 56.0 10.0 287.0 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 7 3 184 7 4.4 0.103 0.226 0.015 94. 79. -22.4 0.0380 0.37 0.27 1.25 319.0 10.0 287.5 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 7 3 184 8 13.8 0.110 0.440 0.021 222. 88. -8.7 0.0280 0.37 0.20 1.30 206.0 10.0 289.2 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
19 7 3 184 9 21.9 0.171 0.591 0.022 339. 170. -20.5 0.0420 0.37 0.18 2.01 159.0 10.0 289.2 2.0 0
0.00 71. 1009. 10 ADJ-A1 NoSubs
19 7 3 184 10 96.5 0.235 1.087 0.030 479. 274. -12.1 0.0390 0.37 0.17 2.67 149.0 10.0 290.9 2.0 0
0.00 67. 1009. 7 ADJ-A1 NoSubs
19 7 3 184 11 111.4 0.274 1.152 0.028 494. 345. -16.7 0.0280 0.37 0.17 3.44 204.0 10.0 292.5 2.0 0
0.00 60. 1009. 7 ADJ-A1 NoSubs
19 7 3 184 12 147.1 0.292 1.276 0.026 509. 378. -15.2 0.0280 0.37 0.17 3.63 181.0 10.0 293.8 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 7 3 184 13 148.6 0.274 1.294 0.024 525. 344. -12.4 0.0280 0.37 0.17 3.34 184.0 10.0 293.8 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 7 3 184 14 142.0 0.305 1.292 0.022 547. 404. -18.0 0.0280 0.37 0.17 3.85 202.0 10.0 294.2 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 7 3 184 15 126.3 0.333 1.268 0.020 581. 462. -26.4 0.0280 0.37 0.17 4.34 187.0 10.0 293.8 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
19 7 3 184 16 102.6 0.329 1.205 0.019 613. 453. -31.1 0.0420 0.37 0.18 4.00 155.0 10.0 293.1 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
19 7 3 184 17 72.3 0.346 1.084 0.019 634. 488. -51.5 0.0390 0.37 0.19 4.41 128.0 10.0 292.0 2.0 0

0.00 62. 1008. 0 ADJ-A1 NoSubs
19 7 3 184 18 36.7 0.359 0.867 0.018 638. 516. -113.0 0.0360 0.37 0.24 4.82 119.0 10.0 290.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
19 7 3 184 19 0.7 0.263 0.228 0.018 637. 328. -2449.7 0.0360 0.37 0.38 3.69 106.0 10.0 289.2 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
19 7 3 184 20 -22.2 0.226 -9.000 -9.000 -999. 258. 56.2 0.0360 0.37 1.00 3.37 116.0 10.0 287.5 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 7 3 184 21 -18.0 0.183 -9.000 -9.000 -999. 188. 36.7 0.0340 0.37 1.00 2.78 80.0 10.0 287.0 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
19 7 3 184 22 -13.2 0.152 -9.000 -9.000 -999. 143. 25.6 0.0340 0.37 1.00 2.35 70.0 10.0 287.0 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
19 7 3 184 23 -15.0 0.163 -9.000 -9.000 -999. 158. 29.2 0.0340 0.37 1.00 2.50 76.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 3 184 24 -5.8 0.100 -9.000 -9.000 -999. 77. 15.5 0.0360 0.37 1.00 1.57 90.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 4 185 1 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0340 0.37 1.00 1.25 76.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 7 4 185 2 -2.8 0.071 -9.000 -9.000 -999. 45. 11.7 0.0340 0.37 1.00 1.06 64.0 10.0 287.5 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 7 4 185 3 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.37 1.00 1.09 56.0 10.0 287.5 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 7 4 185 4 -3.0 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.37 1.00 1.09 54.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 7 4 185 5 -4.1 0.084 -9.000 -9.000 -999. 58. 13.1 0.0360 0.37 1.00 1.31 97.0 10.0 287.0 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 7 4 185 6 -3.5 0.085 -9.000 -9.000 -999. 59. 15.5 0.0450 0.37 0.49 1.28 239.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 4 185 7 4.4 0.118 0.223 0.014 91. 97. -33.6 0.0450 0.37 0.28 1.42 216.0 10.0 287.5 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 7 4 185 8 13.5 0.123 0.428 0.024 208. 103. -12.4 0.0280 0.37 0.20 1.50 208.0 10.0 288.1 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 9 21.6 0.150 0.576 0.028 319. 139. -13.9 0.0450 0.37 0.18 1.67 214.0 10.0 288.1 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 10 28.3 0.198 0.654 0.029 354. 212. -24.9 0.0450 0.37 0.17 2.34 210.0 10.0 289.2 2.0 0
0.00 71. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 11 33.1 0.294 0.706 0.029 383. 384. -69.4 0.0450 0.37 0.17 3.71 214.0 10.0 289.9 2.0 0
0.00 69. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 12 35.9 0.302 0.743 0.029 412. 398. -68.9 0.0450 0.37 0.17 3.80 214.0 10.0 290.9 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 13 36.5 0.296 0.764 0.029 439. 386. -63.8 0.0450 0.37 0.17 3.71 233.0 10.0 292.0 2.0 0
0.00 64. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 14 114.8 0.384 1.180 0.025 515. 570. -44.2 0.0450 0.37 0.17 4.71 238.0 10.0 291.4 2.0 0
0.00 65. 1010. 7 ADJ-A1 NoSubs
19 7 4 185 15 31.0 0.341 0.772 0.028 534. 479. -115.0 0.0450 0.37 0.17 4.39 224.0 10.0 292.0 2.0 0
0.00 64. 1009. 10 ADJ-A1 NoSubs
19 7 4 185 16 84.2 0.330 1.090 0.027 554. 456. -38.5 0.0450 0.37 0.18 4.02 213.0 10.0 290.4 2.0 0
0.00 72. 1009. 7 ADJ-A1 NoSubs
19 7 4 185 17 16.8 0.280 0.638 0.027 556. 357. -117.4 0.0420 0.37 0.19 3.66 179.0 10.0 288.8 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 7 4 185 18 7.9 0.241 0.497 0.027 556. 284. -158.4 0.0420 0.37 0.24 3.18 155.0 10.0 288.1 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 7 4 185 19 -5.0 0.195 -9.000 -9.000 -999. 207. 134.9 0.0390 0.37 0.38 2.81 131.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 4 185 20 -18.2 0.184 -9.000 -9.000 -999. 190. 37.4 0.0390 0.37 1.00 2.74 127.0 10.0 286.4 2.0 0

0.00 86. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 21 -12.0 0.146 -9.000 -9.000 -999. 134. 23.4 0.0390 0.37 1.00 2.20 129.0 10.0 286.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 22 -12.0 0.146 -9.000 -9.000 -999. 134. 23.4 0.0390 0.37 1.00 2.20 130.0 10.0 286.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 23 -13.4 0.154 -9.000 -9.000 -999. 146. 26.2 0.0390 0.37 1.00 2.32 125.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 4 185 24 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0390 0.37 1.00 1.52 141.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 5 186 1 -4.4 0.086 -9.000 -9.000 -999. 61. 13.3 0.0340 0.37 1.00 1.37 85.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 5 186 2 -8.7 0.124 -9.000 -9.000 -999. 104. 19.4 0.0390 0.37 1.00 1.89 126.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 5 186 3 -6.9 0.109 -9.000 -9.000 -999. 86. 16.8 0.0340 0.37 1.00 1.72 81.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 5 186 4 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0370 0.37 1.00 1.14 59.0 10.0 285.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 5 186 5 -4.3 0.087 -9.000 -9.000 -999. 61. 13.4 0.0370 0.37 1.00 1.35 49.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 7 5 186 6 -5.4 0.103 -9.000 -9.000 -999. 79. 18.3 0.0340 0.37 0.50 1.62 64.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 7 5 186 7 4.1 0.091 0.218 0.016 91. 66. -16.7 0.0370 0.37 0.28 1.08 26.0 10.0 286.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 5 186 8 13.1 0.112 0.437 0.032 228. 90. -9.6 0.0440 0.37 0.20 1.21 344.0 10.0 286.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 7 5 186 9 21.3 0.117 0.583 0.034 336. 96. -6.7 0.0320 0.37 0.18 1.30 288.0 10.0 287.0 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 7 5 186 10 28.1 0.155 0.687 0.034 416. 147. -12.1 0.0450 0.37 0.17 1.71 214.0 10.0 288.1 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 7 5 186 11 32.9 0.231 0.751 0.034 466. 267. -33.9 0.0450 0.37 0.17 2.79 222.0 10.0 288.8 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
19 7 5 186 12 35.9 0.207 0.791 0.033 498. 226. -22.3 0.0280 0.37 0.17 2.66 193.0 10.0 290.9 2.0 0
0.00 69. 1012. 10 ADJ-A1 NoSubs
19 7 5 186 13 148.3 0.273 1.295 0.031 529. 342. -12.3 0.0420 0.37 0.17 3.05 174.0 10.0 293.1 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
19 7 5 186 14 141.5 0.367 1.295 0.029 554. 534. -31.6 0.0450 0.37 0.17 4.41 217.0 10.0 292.5 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
19 7 5 186 15 125.8 0.366 1.256 0.027 568. 532. -35.2 0.0450 0.37 0.17 4.43 220.0 10.0 292.0 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 7 5 186 16 102.3 0.307 1.176 0.026 574. 409. -25.4 0.0280 0.37 0.18 3.98 201.0 10.0 292.0 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 7 5 186 17 71.8 0.319 1.048 0.025 578. 432. -40.6 0.0280 0.37 0.19 4.27 196.0 10.0 290.4 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
19 7 5 186 18 36.4 0.308 0.836 0.024 579. 411. -72.7 0.0280 0.37 0.24 4.26 194.0 10.0 288.8 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
19 7 5 186 19 -5.3 0.238 -9.000 -9.000 -999. 280. 230.4 0.0420 0.37 0.38 3.34 162.0 10.0 288.1 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
19 7 5 186 20 -19.6 0.199 -9.000 -9.000 -999. 214. 43.8 0.0390 0.37 1.00 2.95 138.0 10.0 287.5 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
19 7 5 186 21 -20.3 0.207 -9.000 -9.000 -999. 225. 46.9 0.0390 0.37 1.00 3.05 127.0 10.0 287.5 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 7 5 186 22 -13.8 0.156 -9.000 -9.000 -999. 148. 26.8 0.0340 0.37 1.00 2.40 81.0 10.0 287.5 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 7 5 186 23 -6.4 0.104 -9.000 -9.000 -999. 81. 16.2 0.0360 0.37 1.00 1.64 96.0 10.0 287.0 2.0 0

0.00 83. 1012. 10 ADJ-A1 NoSubs
19 7 5 186 24 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.37 1.00 1.33 7.0 10.0 287.0 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 7 6 187 1 -4.2 0.086 -9.000 -9.000 -999. 61. 13.6 0.0440 0.37 1.00 1.30 352.0 10.0 286.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 6 187 2 -6.7 0.107 -9.000 -9.000 -999. 84. 16.6 0.0340 0.37 1.00 1.70 73.0 10.0 286.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 6 187 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-SFC NoSubs
19 7 6 187 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-SFC NoSubs
19 7 6 187 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 89. 1012. 10 ADJ-SFC NoSubs
19 7 6 187 6 -6.9 0.118 -9.000 -9.000 -999. 98. 21.6 0.0440 0.37 0.50 1.76 352.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-SFC NoSubs
19 7 6 187 7 4.0 -9.000 -9.000 -9.000 80. -999. -99999.0 0.0373 0.37 0.28 0.00 0.0 10.0 286.4 2.0 0
0.00 89. 1012. 10 ADJ-SFC NoSubs
19 7 6 187 8 13.1 0.139 0.388 0.026 160. 124. -18.5 0.0280 0.37 0.20 1.76 182.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-SFC NoSubs
19 7 6 187 9 21.3 -9.000 -9.000 -9.000 231. -999. -99999.0 0.0373 0.37 0.18 0.00 0.0 10.0 287.0 2.0 0
0.00 86. 1012. 10 ADJ-SFC NoSubs
19 7 6 187 10 28.2 -9.000 -9.000 -9.000 300. -999. -99999.0 0.0373 0.37 0.17 0.00 0.0 10.0 288.8 2.0 0
0.00 77. 1012. 10 ADJ-SFC NoSubs
19 7 6 187 11 33.3 0.250 0.696 0.031 365. 300. -42.4 0.0280 0.37 0.17 3.36 185.0 10.0 290.9 2.0 0
0.00 69. 1012. 10 ADJ-SFC NoSubs
19 7 6 187 12 119.0 0.250 1.137 0.032 446. 300. -11.9 0.0373 0.37 0.17 2.86 999.0 10.0 292.5 2.0 0
0.00 62. 1012. 7 ADJ-SFC NoSubs
19 7 6 187 13 148.1 0.342 1.277 0.032 508. 481. -24.5 0.0450 0.37 0.17 4.03 219.0 10.0 292.5 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
19 7 6 187 14 141.3 0.349 1.277 0.030 532. 495. -27.1 0.0450 0.37 0.17 4.14 224.0 10.0 292.0 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 7 6 187 15 125.8 0.368 1.240 0.029 547. 536. -35.8 0.0450 0.37 0.17 4.46 230.0 10.0 292.0 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 7 6 187 16 102.1 0.326 1.165 0.027 559. 447. -30.5 0.0450 0.37 0.18 3.90 221.0 10.0 290.9 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 7 6 187 17 71.7 0.289 1.041 0.026 566. 374. -30.3 0.0280 0.37 0.19 3.80 190.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 7 6 187 18 36.4 0.290 0.832 0.026 570. 375. -60.5 0.0420 0.37 0.24 3.68 159.0 10.0 289.2 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 7 6 187 19 0.3 0.278 0.169 0.026 570. 351. -6388.8 0.0390 0.37 0.38 3.85 134.0 10.0 288.1 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 7 6 187 20 -23.4 0.238 -9.000 -9.000 -999. 279. 62.2 0.0360 0.37 1.00 3.54 110.0 10.0 287.0 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 7 6 187 21 -16.2 0.170 -9.000 -9.000 -999. 169. 31.7 0.0360 0.37 1.00 2.57 105.0 10.0 287.0 2.0 0
0.00 83. 1010. 7 ADJ-A1 NoSubs
19 7 6 187 22 -15.8 0.167 -9.000 -9.000 -999. 164. 30.7 0.0340 0.37 1.00 2.56 88.0 10.0 286.4 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 7 6 187 23 -13.2 0.152 -9.000 -9.000 -999. 143. 25.6 0.0340 0.37 1.00 2.35 79.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 7 6 187 24 -14.3 0.159 -9.000 -9.000 -999. 152. 27.8 0.0360 0.37 1.00 2.42 93.0 10.0 286.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 7 7 188 1 -9.8 0.131 -9.000 -9.000 -999. 114. 20.5 0.0340 0.37 1.00 2.04 89.0 10.0 286.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 7 188 2 -6.6 0.107 -9.000 -9.000 -999. 84. 16.5 0.0340 0.37 1.00 1.69 69.0 10.0 286.4 2.0 0

0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 7 188 3 -4.7 0.089 -9.000 -9.000 -999. 64. 13.8 0.0340 0.37 1.00 1.42 61.0 10.0 286.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 7 188 4 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0370 0.37 1.00 1.31 49.0 10.0 286.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 7 188 5 -2.3 0.067 -9.000 -9.000 -999. 42. 12.1 0.0440 0.37 1.00 0.89 334.0 10.0 287.0 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 7 7 188 6 -1.8 0.062 -9.000 -9.000 -999. 37. 11.6 0.0340 0.37 0.50 0.92 74.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 7 188 7 4.1 0.185 0.274 0.023 181. 191. -140.3 0.0450 0.37 0.28 2.40 224.0 10.0 287.0 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 7 7 188 8 13.2 0.176 0.496 0.029 331. 178. -37.3 0.0280 0.37 0.20 2.35 181.0 10.0 287.5 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 7 7 188 9 21.6 0.162 0.597 0.029 355. 157. -17.9 0.0280 0.37 0.18 2.05 202.0 10.0 288.8 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
19 7 7 188 10 28.5 0.237 0.670 0.029 381. 277. -42.0 0.0280 0.37 0.17 3.18 192.0 10.0 290.4 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
19 7 7 188 11 110.9 0.245 1.118 0.030 454. 291. -12.0 0.0280 0.37 0.17 2.98 199.0 10.0 292.0 2.0 0
0.00 62. 1010. 7 ADJ-A1 NoSubs
19 7 7 188 12 118.6 0.347 1.173 0.029 491. 491. -31.7 0.0360 0.37 0.17 4.36 241.0 10.0 291.4 2.0 0
0.00 65. 1010. 7 ADJ-SFC NoSubs
19 7 7 188 13 36.2 0.347 0.796 0.029 501. 490. -103.6 0.0280 0.37 0.17 4.86 199.0 10.0 290.9 2.0 0
0.00 67. 1010. 10 ADJ-SFC NoSubs
19 7 7 188 14 143.0 0.364 1.291 0.027 542. 528. -30.4 0.0450 0.37 0.17 4.36 217.0 10.0 291.4 2.0 0
0.00 65. 1010. 3 ADJ-SFC NoSubs
19 7 7 188 15 125.7 0.396 1.262 0.024 576. 597. -44.4 0.0450 0.37 0.17 4.86 230.0 10.0 292.0 2.0 0
0.00 60. 1010. 0 ADJ-SFC NoSubs
19 7 7 188 16 101.9 0.392 1.188 0.025 592. 588. -53.1 0.0450 0.37 0.18 4.86 219.0 10.0 290.4 2.0 0
0.00 67. 1009. 0 ADJ-SFC NoSubs
19 7 7 188 17 71.8 0.324 1.061 0.024 599. 446. -42.8 0.0280 0.37 0.19 4.36 200.0 10.0 290.4 2.0 0
0.00 69. 1009. 0 ADJ-SFC NoSubs
19 7 7 188 18 39.0 0.316 0.867 0.023 602. 426. -72.7 0.0280 0.37 0.24 4.36 185.0 10.0 289.2 2.0 0
0.00 74. 1009. 5 ADJ-SFC NoSubs
19 7 7 188 19 0.2 0.282 0.156 0.023 602. 360. -8888.0 0.0420 0.37 0.38 3.86 174.0 10.0 288.1 2.0 0
0.00 80. 1009. 0 ADJ-SFC NoSubs
19 7 7 188 20 -22.5 0.229 -9.000 -9.000 -999. 263. 57.5 0.0390 0.37 1.00 3.36 136.0 10.0 287.5 2.0 0
0.00 83. 1009. 10 ADJ-SFC NoSubs
19 7 7 188 21 -21.9 0.223 -9.000 -9.000 -999. 253. 54.6 0.0340 0.37 1.00 3.36 89.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
19 7 7 188 22 -18.5 0.188 -9.000 -9.000 -999. 196. 38.9 0.0340 0.37 1.00 2.86 79.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
19 7 7 188 23 -18.7 0.190 -9.000 -9.000 -999. 199. 39.8 0.0360 0.37 1.00 2.86 98.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
19 7 7 188 24 -7.4 0.113 -9.000 -9.000 -999. 93. 17.7 0.0370 0.37 1.00 1.76 56.0 10.0 287.5 2.0 0
0.00 83. 1010. 10 ADJ-SFC NoSubs
19 7 8 189 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 287.5 2.0 0
0.00 80. 1010. 10 ADJ-SFC NoSubs
19 7 8 189 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 287.5 2.0 0
0.00 80. 1010. 10 ADJ-SFC NoSubs
19 7 8 189 3 -12.6 0.148 -9.000 -9.000 -999. 136. 24.0 0.0280 0.37 1.00 2.36 186.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-SFC NoSubs
19 7 8 189 4 -14.5 0.162 -9.000 -9.000 -999. 156. 28.8 0.0450 0.37 1.00 2.36 226.0 10.0 287.0 2.0 0
0.00 83. 1009. 10 ADJ-SFC NoSubs
19 7 8 189 5 -4.1 0.084 -9.000 -9.000 -999. 60. 12.9 0.0320 0.37 1.00 1.34 279.0 10.0 287.0 2.0 0

0.00 77. 1010. 10 ADJ-A1 NoSubs
19 7 8 189 6 -6.1 0.110 -9.000 -9.000 -999. 87. 19.6 0.0360 0.37 0.51 1.70 254.0 10.0 287.0 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 7 8 189 7 4.1 0.168 0.303 0.005 244. 165. -105.1 0.0450 0.37 0.28 2.16 229.0 10.0 287.5 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
19 7 8 189 8 13.4 0.157 0.489 0.005 314. 149. -26.1 0.0450 0.37 0.20 1.86 210.0 10.0 288.8 2.0 0
0.00 68. 1011. 10 ADJ-A1 NoSubs
19 7 8 189 9 21.6 0.132 0.622 0.006 401. 115. -9.6 0.0280 0.37 0.18 1.57 199.0 10.0 289.2 2.0 0
0.00 69. 1011. 10 ADJ-A1 NoSubs
19 7 8 189 10 28.4 0.193 0.730 0.008 494. 204. -22.9 0.0390 0.37 0.17 2.33 148.0 10.0 290.4 2.0 0
0.00 64. 1011. 10 ADJ-A1 NoSubs
19 7 8 189 11 33.4 0.227 0.815 0.012 585. 260. -31.8 0.0280 0.37 0.17 3.00 189.0 10.0 291.4 2.0 0
0.00 65. 1012. 10 ADJ-A1 NoSubs
19 7 8 189 12 36.1 0.267 0.875 0.018 669. 331. -47.6 0.0280 0.37 0.17 3.61 206.0 10.0 292.0 2.0 0
0.00 62. 1011. 10 ADJ-A1 NoSubs
19 7 8 189 13 148.1 0.315 1.486 0.028 800. 424. -19.0 0.0280 0.37 0.17 4.00 199.0 10.0 293.1 2.0 0
0.00 60. 1011. 0 ADJ-A1 NoSubs
19 7 8 189 14 141.8 0.315 1.490 0.027 843. 425. -20.0 0.0280 0.37 0.17 4.02 202.0 10.0 294.2 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 7 8 189 15 126.1 0.309 1.459 0.027 889. 412. -21.0 0.0280 0.37 0.17 3.95 195.0 10.0 293.8 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
19 7 8 189 16 102.5 0.276 1.380 0.026 925. 349. -18.6 0.0420 0.37 0.18 3.22 155.0 10.0 293.1 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 7 8 189 17 72.4 0.320 1.240 0.026 950. 434. -40.7 0.0390 0.37 0.19 4.02 124.0 10.0 293.1 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 7 8 189 18 36.8 0.299 0.994 0.026 962. 392. -65.4 0.0390 0.37 0.24 3.86 136.0 10.0 291.4 2.0 0
0.00 67. 1010. 0 ADJ-SFC NoSubs
19 7 8 189 19 0.5 0.310 0.235 0.026 960. 414. -5534.3 0.0360 0.37 0.39 4.36 99.0 10.0 289.9 2.0 0
0.00 72. 1011. 0 ADJ-SFC NoSubs
19 7 8 189 20 -21.9 0.223 -9.000 -9.000 -999. 256. 54.6 0.0340 0.37 1.00 3.36 87.0 10.0 288.1 2.0 0
0.00 80. 1011. 0 ADJ-SFC NoSubs
19 7 8 189 21 -18.7 0.190 -9.000 -9.000 -999. 199. 39.8 0.0360 0.37 1.00 2.86 91.0 10.0 287.0 2.0 0
0.00 83. 1011. 0 ADJ-SFC NoSubs
19 7 8 189 22 -7.2 0.111 -9.000 -9.000 -999. 91. 17.3 0.0340 0.37 1.00 1.76 78.0 10.0 287.0 2.0 0
0.00 83. 1012. 0 ADJ-SFC NoSubs
19 7 8 189 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 86. 1012. 0 ADJ-SFC NoSubs
19 7 8 189 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 86. 1011. 10 ADJ-SFC NoSubs
19 7 9 190 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 285.9 2.0 0
0.00 86. 1011. 5 ADJ-SFC NoSubs
19 7 9 190 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-SFC NoSubs
19 7 9 190 3 -2.0 0.065 -9.000 -9.000 -999. 40. 12.1 0.0380 0.37 1.00 0.84 314.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 9 190 4 -3.7 0.081 -9.000 -9.000 -999. 55. 13.0 0.0440 0.37 1.00 1.21 347.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 7 9 190 5 -2.5 0.069 -9.000 -9.000 -999. 43. 11.5 0.0320 0.37 1.00 1.01 295.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 7 9 190 6 -5.2 0.101 -9.000 -9.000 -999. 77. 17.8 0.0370 0.37 0.51 1.57 54.0 10.0 286.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 7 9 190 7 3.9 0.113 0.357 0.023 420. 91. -33.1 0.0390 0.37 0.28 1.40 126.0 10.0 287.0 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 7 9 190 8 13.0 0.119 0.604 0.028 611. 99. -11.8 0.0420 0.37 0.20 1.33 157.0 10.0 287.0 2.0 0

0.00 83. 1012. 10 ADJ-A1 NoSubs
19 7 9 190 9 21.3 0.114 0.722 0.028 638. 92. -6.3 0.0390 0.37 0.18 1.20 129.0 10.0 288.1 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
19 7 9 190 10 28.1 0.131 0.801 0.029 658. 113. -7.1 0.0390 0.37 0.17 1.40 141.0 10.0 289.2 2.0 0
0.00 74. 1013. 10 ADJ-A1 NoSubs
19 7 9 190 11 131.3 0.196 1.359 0.028 691. 209. -5.2 0.0420 0.37 0.17 1.98 164.0 10.0 291.4 2.0 0
0.00 67. 1013. 5 ADJ-A1 NoSubs
19 7 9 190 12 146.7 0.211 1.432 0.026 724. 233. -5.8 0.0420 0.37 0.17 2.16 171.0 10.0 294.2 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 7 9 190 13 148.3 0.326 1.453 0.025 748. 446. -21.0 0.0450 0.37 0.17 3.78 211.0 10.0 294.2 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
19 7 9 190 14 142.0 0.337 1.446 0.024 769. 469. -24.3 0.0360 0.37 0.17 4.15 240.0 10.0 295.4 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
19 7 9 190 15 126.1 0.386 1.398 0.023 783. 576. -41.3 0.0360 0.37 0.17 4.94 245.0 10.0 293.8 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
19 7 9 190 16 102.6 0.331 1.309 0.022 790. 460. -32.0 0.0450 0.37 0.18 3.98 233.0 10.0 293.8 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
19 7 9 190 17 71.9 0.297 1.165 0.021 794. 388. -32.8 0.0280 0.37 0.19 3.92 188.0 10.0 291.4 2.0 0
0.00 75. 1012. 0 ADJ-A1 NoSubs
19 7 9 190 18 8.1 0.252 0.563 0.021 794. 305. -178.8 0.0420 0.37 0.24 3.34 152.0 10.0 289.2 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 7 9 190 19 -4.8 0.242 -9.000 -9.000 -999. 286. 267.3 0.0360 0.37 0.39 3.49 115.0 10.0 289.2 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 7 9 190 20 -22.6 0.231 -9.000 -9.000 -999. 266. 58.6 0.0390 0.37 1.00 3.39 123.0 10.0 289.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 9 190 21 -15.5 0.166 -9.000 -9.000 -999. 164. 30.4 0.0360 0.37 1.00 2.52 105.0 10.0 289.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 9 190 22 -5.6 0.098 -9.000 -9.000 -999. 74. 15.1 0.0340 0.37 1.00 1.55 60.0 10.0 289.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 9 190 23 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0370 0.37 1.00 1.21 26.0 10.0 289.2 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 7 9 190 24 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0380 0.37 1.00 1.20 325.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 10 191 1 -8.6 0.122 -9.000 -9.000 -999. 103. 19.3 0.0380 0.37 1.00 1.88 302.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
19 7 10 191 2 -5.4 0.096 -9.000 -9.000 -999. 72. 15.0 0.0380 0.37 1.00 1.50 303.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 10 191 3 -5.5 0.098 -9.000 -9.000 -999. 73. 15.4 0.0440 0.37 1.00 1.48 335.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 10 191 4 -7.4 0.113 -9.000 -9.000 -999. 91. 17.7 0.0370 0.37 1.00 1.76 14.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-SFC NoSubs
19 7 10 191 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 1.00 0.00 0.0 10.0 287.5 2.0
0 0.00 93. 1013. 10 ADJ-SFC NoSubs
19 7 10 191 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0373 0.37 0.51 0.00 0.0 10.0 287.5 2.0
0 0.00 96. 1013. 10 ADJ-SFC NoSubs
19 7 10 191 7 4.2 -9.000 -9.000 -9.000 126. -999. -99999.0 0.0373 0.37 0.28 0.00 0.0 10.0 288.8 2.0 0
0.00 92. 1013. 10 ADJ-SFC NoSubs
19 7 10 191 8 59.1 0.211 0.816 0.009 332. 232. -14.3 0.0450 0.37 0.20 2.36 210.0 10.0 292.0 2.0 0
0.00 74. 1013. 5 ADJ-SFC NoSubs
19 7 10 191 9 91.0 0.183 1.084 0.011 505. 189. -6.1 0.0420 0.37 0.18 1.89 177.0 10.0 294.2 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
19 7 10 191 10 117.9 0.246 1.265 0.019 622. 293. -11.4 0.0450 0.37 0.17 2.69 237.0 10.0 295.9 2.0 0
0.00 60. 1013. 0 ADJ-A1 NoSubs
19 7 10 191 11 137.1 0.302 1.374 0.019 685. 398. -18.2 0.0450 0.37 0.17 3.46 236.0 10.0 297.0 2.0 0

0.00 56. 1013. 0 ADJ-A1 NoSubs
19 7 10 191 12 147.5 0.316 1.449 0.019 746. 426. -19.3 0.0450 0.37 0.17 3.64 226.0 10.0 297.5 2.0 0
0.00 55. 1013. 0 ADJ-A1 NoSubs
19 7 10 191 13 149.4 0.301 1.492 0.018 805. 397. -16.5 0.0450 0.37 0.17 3.42 222.0 10.0 298.1 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
19 7 10 191 14 142.8 0.312 1.562 0.019 965. 419. -19.3 0.0280 0.37 0.17 3.97 198.0 10.0 298.1 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
19 7 10 191 15 127.3 0.309 1.511 0.018 981. 412. -20.9 0.0280 0.37 0.17 3.95 182.0 10.0 298.1 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
19 7 10 191 16 103.6 0.331 1.417 0.018 992. 457. -31.6 0.0420 0.37 0.18 4.03 175.0 10.0 297.5 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
19 7 10 191 17 72.7 0.316 1.262 0.017 999. 426. -39.1 0.0420 0.37 0.19 3.90 162.0 10.0 294.9 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 7 10 191 18 36.8 0.314 1.007 0.017 1001. 423. -76.0 0.0420 0.37 0.24 4.03 155.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 7 10 191 19 0.5 0.299 0.242 0.017 1001. 393. -4771.6 0.0420 0.37 0.39 4.09 153.0 10.0 290.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
19 7 10 191 20 -23.8 0.243 -9.000 -9.000 -999. 290. 65.2 0.0420 0.37 1.00 3.52 156.0 10.0 289.2 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
19 7 10 191 21 -18.7 0.191 -9.000 -9.000 -999. 201. 40.1 0.0390 0.37 1.00 2.83 146.0 10.0 288.8 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
19 7 10 191 22 -7.6 0.115 -9.000 -9.000 -999. 95. 18.1 0.0390 0.37 1.00 1.77 134.0 10.0 288.8 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
19 7 10 191 23 -3.6 0.081 -9.000 -9.000 -999. 55. 12.9 0.0440 0.37 1.00 1.20 346.0 10.0 288.8 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
19 7 10 191 24 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.37 1.00 1.14 328.0 10.0 288.1 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 1 -5.2 0.096 -9.000 -9.000 -999. 71. 15.1 0.0440 0.37 1.00 1.45 334.0 10.0 288.1 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 2 -8.4 0.121 -9.000 -9.000 -999. 101. 19.0 0.0380 0.37 1.00 1.86 322.0 10.0 287.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 3 -2.2 0.066 -9.000 -9.000 -999. 42. 12.2 0.0440 0.37 1.00 0.86 331.0 10.0 287.0 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 4 -4.4 0.088 -9.000 -9.000 -999. 63. 13.9 0.0440 0.37 1.00 1.33 333.0 10.0 286.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 5 -3.6 0.080 -9.000 -9.000 -999. 54. 12.7 0.0440 0.37 1.00 1.18 330.0 10.0 284.9 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 6 -1.4 0.057 -9.000 -9.000 -999. 33. 11.7 0.0360 0.37 0.52 0.80 266.0 10.0 287.5 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 7 21.0 0.089 0.508 0.022 225. 64. -3.0 0.0320 0.37 0.28 0.89 275.0 10.0 290.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 8 57.8 0.144 0.861 0.026 398. 131. -4.6 0.0280 0.37 0.20 1.57 182.0 10.0 292.5 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
19 7 11 192 9 91.0 0.171 1.034 0.025 439. 169. -4.9 0.0420 0.37 0.18 1.71 156.0 10.0 294.9 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 10 117.8 0.228 1.167 0.023 487. 261. -9.1 0.0280 0.37 0.17 2.69 181.0 10.0 296.4 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 11 137.3 0.310 1.257 0.021 523. 415. -19.7 0.0280 0.37 0.17 3.95 197.0 10.0 298.1 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 12 147.6 0.297 1.303 0.019 541. 389. -16.0 0.0280 0.37 0.17 3.71 205.0 10.0 298.1 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
19 7 11 192 13 149.6 0.297 1.324 0.017 560. 389. -15.8 0.0280 0.37 0.17 3.71 192.0 10.0 299.2 2.0 0
0.00 46. 1011. 0 ADJ-A1 NoSubs
19 7 11 192 14 143.1 0.284 1.317 0.015 576. 364. -14.5 0.0280 0.37 0.17 3.52 180.0 10.0 299.2 2.0 0

0.00 47. 1011. 0 ADJ-A1 NoSubs
19 7 11 192 15 127.6 0.300 1.286 0.014 601. 394. -19.1 0.0280 0.37 0.17 3.81 184.0 10.0 299.2 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
19 7 11 192 16 103.8 0.337 1.214 0.013 621. 470. -33.3 0.0420 0.37 0.18 4.12 167.0 10.0 298.1 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
19 7 11 192 17 72.9 0.355 1.093 0.012 646. 508. -55.4 0.0420 0.37 0.19 4.48 163.0 10.0 295.9 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
19 7 11 192 18 37.3 0.293 0.880 0.012 658. 382. -60.5 0.0420 0.37 0.24 3.71 171.0 10.0 294.9 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 7 11 192 19 0.6 0.284 0.226 0.012 654. 363. -3262.9 0.0420 0.37 0.39 3.88 178.0 10.0 292.0 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 7 11 192 20 -22.2 0.228 -9.000 -9.000 -999. 262. 57.0 0.0420 0.37 1.00 3.30 157.0 10.0 290.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 7 11 192 21 -17.6 0.180 -9.000 -9.000 -999. 184. 35.6 0.0420 0.37 1.00 2.64 163.0 10.0 288.8 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 7 11 192 22 -8.9 0.125 -9.000 -9.000 -999. 107. 19.8 0.0390 0.37 1.00 1.91 132.0 10.0 288.8 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 7 11 192 23 -4.7 0.090 -9.000 -9.000 -999. 65. 13.9 0.0340 0.37 1.00 1.43 70.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 7 11 192 24 -5.4 0.097 -9.000 -9.000 -999. 73. 15.3 0.0450 0.37 1.00 1.47 228.0 10.0 286.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 7 12 193 1 -2.3 0.067 -9.000 -9.000 -999. 42. 12.1 0.0440 0.37 1.00 0.89 344.0 10.0 287.0 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 7 12 193 2 -2.1 0.065 -9.000 -9.000 -999. 40. 11.6 0.0320 0.37 1.00 0.89 271.0 10.0 286.4 2.0 0
0.00 89. 1009. 5 ADJ-A1 NoSubs
19 7 12 193 3 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0320 0.37 1.00 1.25 277.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 7 12 193 4 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.37 1.00 1.03 31.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 12 193 5 -3.0 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.37 1.00 1.09 1.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 7 12 193 6 -4.1 0.088 -9.000 -9.000 -999. 63. 15.0 0.0320 0.37 0.52 1.42 286.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 7 12 193 7 3.7 0.086 0.240 0.015 135. 60. -15.5 0.0450 0.37 0.28 0.97 215.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 12 193 8 12.9 0.106 0.417 0.018 202. 83. -8.3 0.0420 0.37 0.21 1.14 174.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
19 7 12 193 9 21.5 0.140 0.552 0.033 281. 125. -11.4 0.0420 0.37 0.18 1.55 175.0 10.0 289.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 12 193 10 95.4 0.197 1.057 0.037 445. 210. -7.2 0.0280 0.37 0.17 2.27 183.0 10.0 291.4 2.0 0
0.00 75. 1009. 7 ADJ-A1 NoSubs
19 7 12 193 11 136.0 0.238 1.231 0.035 494. 279. -8.9 0.0280 0.37 0.17 2.81 184.0 10.0 294.2 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
19 7 12 193 12 146.8 0.270 1.296 0.033 533. 337. -12.1 0.0280 0.37 0.17 3.29 188.0 10.0 295.9 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
19 7 12 193 13 148.8 0.285 1.325 0.030 563. 366. -14.0 0.0280 0.37 0.17 3.52 193.0 10.0 297.0 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
19 7 12 193 14 142.1 0.331 1.325 0.029 589. 456. -22.9 0.0280 0.37 0.17 4.26 190.0 10.0 296.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
19 7 12 193 15 126.6 0.315 1.301 0.027 625. 424. -22.2 0.0420 0.37 0.17 3.73 175.0 10.0 296.4 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
19 7 12 193 16 102.7 0.340 1.231 0.026 652. 477. -34.5 0.0420 0.37 0.18 4.17 166.0 10.0 294.9 2.0 0
0.00 58. 1006. 0 ADJ-A1 NoSubs
19 7 12 193 17 72.2 0.341 1.105 0.025 671. 477. -49.1 0.0420 0.37 0.19 4.27 162.0 10.0 293.8 2.0 0

0.00 60. 1006. 0 ADJ-A1 NoSubs
19 7 12 193 18 36.6 0.327 0.885 0.025 679. 449. -85.9 0.0420 0.37 0.24 4.22 166.0 10.0 292.5 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
19 7 12 193 19 0.2 0.251 0.162 0.025 678. 305. -6370.5 0.0420 0.37 0.39 3.44 159.0 10.0 290.9 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
19 7 12 193 20 -21.0 0.215 -9.000 -9.000 -999. 240. 50.9 0.0390 0.37 1.00 3.17 148.0 10.0 288.8 2.0 0
0.00 79. 1006. 0 ADJ-A1 NoSubs
19 7 12 193 21 -13.1 0.154 -9.000 -9.000 -999. 146. 26.0 0.0420 0.37 1.00 2.28 158.0 10.0 288.1 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 7 12 193 22 -7.3 0.113 -9.000 -9.000 -999. 91. 17.7 0.0390 0.37 1.00 1.74 133.0 10.0 287.5 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 7 12 193 23 -4.2 0.085 -9.000 -9.000 -999. 60. 13.2 0.0340 0.37 1.00 1.35 60.0 10.0 287.5 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 7 12 193 24 -5.5 0.097 -9.000 -9.000 -999. 73. 15.0 0.0370 0.37 1.00 1.52 50.0 10.0 287.0 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 7 13 194 1 -4.0 0.084 -9.000 -9.000 -999. 58. 13.1 0.0370 0.37 1.00 1.30 36.0 10.0 286.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 7 13 194 2 -4.0 0.084 -9.000 -9.000 -999. 58. 13.1 0.0370 0.37 1.00 1.30 58.0 10.0 286.4 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 7 13 194 3 -3.9 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.37 1.00 1.28 323.0 10.0 285.9 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 7 13 194 4 -2.9 0.073 -9.000 -9.000 -999. 47. 11.8 0.0360 0.37 1.00 1.09 247.0 10.0 285.9 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
19 7 13 194 5 -2.3 0.067 -9.000 -9.000 -999. 42. 11.5 0.0320 0.37 1.00 0.96 287.0 10.0 285.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 7 13 194 6 -2.7 0.073 -9.000 -9.000 -999. 47. 12.8 0.0440 0.37 0.52 1.08 341.0 10.0 285.9 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 7 13 194 7 3.5 0.091 0.226 0.026 119. 66. -19.2 0.0370 0.37 0.28 1.09 38.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 7 13 194 8 12.7 0.102 0.431 0.034 225. 78. -7.5 0.0280 0.37 0.21 1.18 187.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 7 13 194 9 21.2 0.115 0.583 0.036 336. 94. -6.4 0.0280 0.37 0.18 1.31 189.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 7 13 194 10 116.4 0.207 1.136 0.036 453. 226. -6.8 0.0280 0.37 0.17 2.37 196.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 7 13 194 11 135.7 0.271 1.213 0.034 473. 339. -13.2 0.0450 0.37 0.17 3.01 211.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 7 13 194 12 146.4 0.301 1.260 0.031 491. 397. -16.8 0.0280 0.37 0.17 3.78 200.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
19 7 13 194 13 148.5 0.280 1.283 0.029 511. 356. -13.3 0.0280 0.37 0.17 3.44 193.0 10.0 296.4 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 7 13 194 14 141.8 0.321 1.282 0.027 535. 436. -20.9 0.0280 0.37 0.17 4.10 180.0 10.0 295.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 7 13 194 15 126.3 0.346 1.249 0.026 555. 488. -29.4 0.0420 0.37 0.17 4.19 177.0 10.0 295.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 7 13 194 16 102.6 0.346 1.173 0.024 565. 488. -36.2 0.0420 0.37 0.18 4.25 177.0 10.0 294.9 2.0 0
0.00 58. 1006. 0 ADJ-A1 NoSubs
19 7 13 194 17 72.1 0.328 1.047 0.023 571. 451. -43.8 0.0280 0.37 0.19 4.41 180.0 10.0 293.8 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
19 7 13 194 18 36.2 0.319 0.833 0.023 574. 432. -80.4 0.0420 0.37 0.24 4.10 171.0 10.0 291.4 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
19 7 13 194 19 -0.5 0.279 -9.000 -9.000 -999. 354. 3659.4 0.0420 0.37 0.39 3.81 167.0 10.0 289.2 2.0 0
0.00 74. 1006. 0 ADJ-A1 NoSubs
19 7 13 194 20 -14.0 0.159 -9.000 -9.000 -999. 160. 27.7 0.0420 0.37 1.00 2.35 174.0 10.0 287.5 2.0 0

0.00 83. 1007. 0 ADJ-A1 NoSubs
19 7 13 194 21 -13.7 0.156 -9.000 -9.000 -999. 149. 26.9 0.0390 0.37 1.00 2.35 137.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 7 13 194 22 -12.3 0.148 -9.000 -9.000 -999. 136. 24.1 0.0390 0.37 1.00 2.23 146.0 10.0 285.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 7 13 194 23 -2.6 0.070 -9.000 -9.000 -999. 47. 11.6 0.0340 0.37 1.00 1.03 89.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 7 13 194 24 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0370 0.37 1.00 1.28 47.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 7 14 195 1 -3.8 0.081 -9.000 -9.000 -999. 55. 12.7 0.0370 0.37 1.00 1.25 29.0 10.0 285.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 7 14 195 2 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.37 1.00 1.11 307.0 10.0 284.9 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 7 14 195 3 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0380 0.37 1.00 0.91 301.0 10.0 284.2 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 7 14 195 4 -3.3 0.077 -9.000 -9.000 -999. 51. 12.4 0.0420 0.37 1.00 1.14 160.0 10.0 284.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 7 14 195 5 -2.2 0.067 -9.000 -9.000 -999. 41. 12.2 0.0440 0.37 1.00 0.86 335.0 10.0 284.2 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 7 14 195 6 -3.4 0.080 -9.000 -9.000 -999. 55. 13.6 0.0360 0.37 0.53 1.26 251.0 10.0 284.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 14 195 7 3.3 0.129 0.269 0.033 210. 112. -58.8 0.0420 0.37 0.29 1.64 158.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 7 14 195 8 12.7 0.114 0.483 0.035 320. 93. -10.6 0.0390 0.37 0.21 1.28 125.0 10.0 287.0 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 7 14 195 9 21.3 0.146 0.594 0.035 355. 133. -13.1 0.0420 0.37 0.18 1.64 172.0 10.0 289.2 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
19 7 14 195 10 116.2 0.222 1.105 0.034 420. 251. -8.5 0.0280 0.37 0.17 2.61 183.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 7 14 195 11 135.5 0.252 1.184 0.032 442. 304. -10.7 0.0280 0.37 0.17 3.03 194.0 10.0 293.8 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
19 7 14 195 12 145.9 0.315 1.229 0.029 459. 424. -19.3 0.0280 0.37 0.17 4.00 185.0 10.0 293.8 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 7 14 195 13 148.1 0.303 1.244 0.027 470. 400. -16.9 0.0280 0.37 0.17 3.80 180.0 10.0 295.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 7 14 195 14 141.9 0.306 1.235 0.025 479. 407. -18.2 0.0420 0.37 0.17 3.56 168.0 10.0 296.4 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 7 14 195 15 125.9 0.341 1.194 0.023 487. 478. -28.4 0.0420 0.37 0.17 4.12 165.0 10.0 294.9 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 7 14 195 16 102.3 0.337 1.119 0.021 494. 469. -33.7 0.0420 0.37 0.18 4.12 162.0 10.0 294.2 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
19 7 14 195 17 71.6 0.320 0.996 0.020 498. 435. -41.3 0.0420 0.37 0.19 3.97 174.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
19 7 14 195 18 36.3 0.279 0.796 0.019 500. 354. -53.8 0.0420 0.37 0.24 3.51 168.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
19 7 14 195 19 -0.6 0.249 -9.000 -9.000 -999. 298. 2500.0 0.0280 0.37 0.39 3.66 181.0 10.0 289.9 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 7 14 195 20 -13.6 0.154 -9.000 -9.000 -999. 149. 26.1 0.0280 0.37 1.00 2.45 197.0 10.0 287.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 7 14 195 21 -3.6 0.080 -9.000 -9.000 -999. 56. 12.8 0.0450 0.37 1.00 1.18 233.0 10.0 287.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 7 14 195 22 -3.5 0.078 -9.000 -9.000 -999. 52. 12.3 0.0360 0.37 1.00 1.20 257.0 10.0 287.0 2.0 0
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19 7 14 195 23 -2.0 0.065 -9.000 -9.000 -999. 39. 12.1 0.0380 0.37 1.00 0.84 305.0 10.0 287.5 2.0 0

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19 7 14 195 24 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.37 1.00 1.25 322.0 10.0 287.0 2.0 0
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19 7 15 196 12 147.3 0.286 1.281 0.018 516. 368. -14.3 0.0280 0.37 0.17 3.54 191.0 10.0 298.8 2.0 0
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19 7 15 196 18 36.7 0.290 0.890 0.010 691. 377. -60.0 0.0420 0.37 0.24 3.68 164.0 10.0 294.9 2.0 0
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0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 16 197 9 21.3 0.158 0.518 0.025 235. 150. -16.6 0.0420 0.37 0.18 1.82 157.0 10.0 289.9 2.0 0
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19 7 16 197 10 28.3 0.164 0.622 0.026 305. 159. -14.0 0.0420 0.37 0.17 1.86 151.0 10.0 291.4 2.0 0
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19 7 16 197 11 130.8 0.247 1.158 0.026 428. 295. -10.4 0.0390 0.37 0.17 2.76 149.0 10.0 293.8 2.0 0
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19 7 16 197 12 145.9 0.307 1.262 0.027 496. 408. -17.8 0.0420 0.37 0.17 3.56 176.0 10.0 294.9 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 7 16 197 13 147.5 0.318 1.297 0.025 533. 431. -19.7 0.0280 0.37 0.17 4.05 187.0 10.0 294.2 2.0 0
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19 7 16 197 14 141.0 0.352 1.290 0.023 548. 500. -27.7 0.0420 0.37 0.17 4.24 168.0 10.0 294.2 2.0 0
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19 7 16 197 15 125.1 0.334 1.250 0.021 561. 464. -26.8 0.0420 0.37 0.17 4.02 173.0 10.0 292.5 2.0 0
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19 7 16 197 16 101.7 0.302 1.174 0.020 572. 400. -24.4 0.0420 0.37 0.18 3.61 171.0 10.0 293.1 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
19 7 16 197 17 71.6 0.278 1.049 0.019 580. 353. -27.1 0.0420 0.37 0.19 3.35 153.0 10.0 293.8 2.0 0
0.00 62. 1007. 0 ADJ-A1 NoSubs
19 7 16 197 18 35.9 0.276 0.835 0.018 583. 348. -52.6 0.0420 0.37 0.24 3.47 171.0 10.0 292.5 2.0 0
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19 7 16 197 19 -1.0 0.240 -9.000 -9.000 -999. 283. 1296.8 0.0420 0.37 0.40 3.30 160.0 10.0 290.4 2.0 0
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19 7 16 197 20 -20.7 0.212 -9.000 -9.000 -999. 234. 49.3 0.0420 0.37 1.00 3.08 151.0 10.0 288.8 2.0 0
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19 7 16 197 24 -9.7 0.130 -9.000 -9.000 -999. 113. 20.4 0.0340 0.37 1.00 2.03 69.0 10.0 288.1 2.0 0
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19 7 17 198 1 -10.1 0.134 -9.000 -9.000 -999. 117. 21.1 0.0370 0.37 1.00 2.05 55.0 10.0 287.5 2.0 0
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19 7 17 198 9 21.1 0.173 0.601 0.027 370. 173. -22.1 0.0390 0.37 0.18 2.08 139.0 10.0 289.2 2.0 0
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19 7 17 198 10 28.1 0.145 0.693 0.029 426. 133. -9.8 0.0420 0.37 0.17 1.59 158.0 10.0 290.9 2.0 0
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19 7 17 198 12 146.1 0.309 1.315 0.027 560. 412. -18.2 0.0450 0.37 0.17 3.54 213.0 10.0 295.9 2.0 0
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19 7 17 198 13 147.4 0.408 1.333 0.019 578. 625. -41.4 0.0450 0.37 0.17 4.99 223.0 10.0 294.2 2.0 0
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19 7 17 198 17 70.9 0.308 1.074 0.019 629. 411. -37.1 0.0450 0.37 0.19 3.74 221.0 10.0 291.4 2.0 0
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19 7 18 199 7 3.1 0.084 0.215 0.018 117. 58. -17.5 0.0280 0.37 0.29 1.06 185.0 10.0 286.4 2.0 0
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19 7 18 199 13 148.5 0.352 1.303 0.025 537. 503. -26.5 0.0450 0.37 0.17 4.17 234.0 10.0 292.0 2.0 0
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0.30 92. 1008. 10 ADJ-A1 NoSubs
19 7 19 200 7 3.3 0.156 0.256 0.009 184. 149. -104.7 0.0450 0.37 0.29 2.01 216.0 10.0 288.1 2.0 0
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19 7 19 200 8 12.5 0.137 0.483 0.021 325. 121. -18.4 0.0450 0.37 0.21 1.57 217.0 10.0 288.1 2.0 0
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19 7 19 200 9 20.8 0.189 0.591 0.022 356. 197. -29.0 0.0450 0.37 0.18 2.25 227.0 10.0 288.8 2.0 0
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19 7 19 200 10 27.6 0.252 0.672 0.024 394. 304. -52.3 0.0450 0.37 0.17 3.13 220.0 10.0 289.2 2.0 0
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19 7 19 200 11 32.6 0.269 0.733 0.025 435. 335. -53.7 0.0450 0.37 0.17 3.34 237.0 10.0 289.9 2.0 0

0.00 80. 1009. 10 ADJ-A1 NoSubs
19 7 19 200 12 35.3 0.275 0.776 0.027 476. 347. -53.1 0.0360 0.37 0.17 3.57 243.0 10.0 290.4 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 7 19 200 13 36.0 0.285 0.801 0.029 514. 365. -57.7 0.0360 0.37 0.17 3.71 251.0 10.0 291.4 2.0 0
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19 7 19 200 14 34.4 0.295 0.806 0.029 548. 385. -67.4 0.0360 0.37 0.17 3.88 252.0 10.0 291.4 2.0 0
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19 7 19 200 15 30.5 0.292 0.788 0.029 576. 378. -73.3 0.0360 0.37 0.17 3.85 262.0 10.0 291.4 2.0 0
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19 7 19 200 16 24.5 0.321 0.740 0.029 594. 436. -121.2 0.0360 0.37 0.18 4.32 258.0 10.0 290.9 2.0 0
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19 7 19 200 17 16.9 0.307 0.655 0.029 598. 409. -154.2 0.0360 0.37 0.19 4.17 266.0 10.0 290.9 2.0 0
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19 7 19 200 19 -6.4 0.218 -9.000 -9.000 -999. 245. 146.0 0.0360 0.37 0.40 3.18 262.0 10.0 289.2 2.0 0
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19 7 19 200 20 -17.7 0.181 -9.000 -9.000 -999. 185. 36.0 0.0360 0.37 1.00 2.73 261.0 10.0 288.8 2.0 0
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19 7 19 200 22 -6.3 0.104 -9.000 -9.000 -999. 81. 16.1 0.0320 0.37 1.00 1.67 294.0 10.0 289.2 2.0 0
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19 7 19 200 24 -7.7 0.116 -9.000 -9.000 -999. 94. 18.0 0.0320 0.37 1.00 1.84 283.0 10.0 289.2 2.0 0
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19 7 20 201 1 -8.6 0.122 -9.000 -9.000 -999. 102. 19.0 0.0320 0.37 1.00 1.93 275.0 10.0 289.2 2.0 0
0.00 80. 1008. 10 ADJ-A1 NoSubs
19 7 20 201 2 -12.3 0.147 -9.000 -9.000 -999. 136. 23.9 0.0320 0.37 1.00 2.30 276.0 10.0 288.8 2.0 0
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19 7 20 201 3 -12.7 0.149 -9.000 -9.000 -999. 139. 24.6 0.0320 0.37 1.00 2.33 276.0 10.0 288.8 2.0 0
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19 7 20 201 4 -16.7 0.172 -9.000 -9.000 -999. 172. 32.6 0.0320 0.37 1.00 2.66 283.0 10.0 288.8 2.0 0
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19 7 20 201 6 -12.8 0.157 -9.000 -9.000 -999. 149. 27.0 0.0320 0.37 0.55 2.42 281.0 10.0 288.8 2.0 0
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19 7 20 201 7 3.4 0.183 0.301 0.016 285. 188. -160.7 0.0320 0.37 0.29 2.54 274.0 10.0 289.2 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
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0.00 74. 1009. 10 ADJ-A1 NoSubs
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0.00 72. 1009. 10 ADJ-A1 NoSubs
19 7 20 201 10 28.3 0.296 0.805 0.029 663. 387. -82.6 0.0360 0.37 0.17 3.93 257.0 10.0 292.5 2.0 0
0.00 65. 1009. 10 ADJ-A1 NoSubs
19 7 20 201 11 134.3 0.364 1.378 0.028 702. 527. -32.4 0.0360 0.37 0.17 4.58 249.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 7 20 201 12 145.0 0.422 1.433 0.027 732. 658. -46.8 0.0360 0.37 0.17 5.44 254.0 10.0 293.8 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
19 7 20 201 13 146.8 0.448 1.445 0.025 741. 719. -55.1 0.0360 0.37 0.17 5.82 260.0 10.0 293.8 2.0 0
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19 7 20 201 14 140.3 0.463 1.429 0.022 749. 757. -63.8 0.0360 0.37 0.17 6.07 262.0 10.0 293.8 2.0 0

0.00 58. 1009. 0 ADJ-A1 NoSubs
19 7 20 201 15 124.6 0.427 1.378 0.022 756. 672. -56.3 0.0360 0.37 0.17 5.56 250.0 10.0 293.1 2.0 0
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19 7 20 201 16 100.9 0.403 1.288 0.021 761. 616. -58.5 0.0360 0.37 0.18 5.26 248.0 10.0 292.5 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 7 20 201 17 70.5 0.327 1.145 0.021 765. 452. -44.6 0.0360 0.37 0.19 4.20 258.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
19 7 20 201 18 34.4 0.323 0.902 0.020 766. 440. -87.7 0.0360 0.37 0.24 4.29 253.0 10.0 290.4 2.0 0
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19 7 20 201 19 -3.4 0.255 -9.000 -9.000 -999. 311. 443.9 0.0360 0.37 0.40 3.64 259.0 10.0 288.8 2.0 0
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19 7 20 201 20 -18.7 0.190 -9.000 -9.000 -999. 200. 39.8 0.0360 0.37 1.00 2.86 254.0 10.0 287.0 2.0 0
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19 7 20 201 21 -8.0 0.118 -9.000 -9.000 -999. 99. 18.5 0.0360 0.37 1.00 1.84 255.0 10.0 287.5 2.0 0
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19 7 20 201 22 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0360 0.37 1.00 1.62 251.0 10.0 287.5 2.0 0
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19 7 20 201 23 -7.2 0.112 -9.000 -9.000 -999. 90. 17.4 0.0360 0.37 1.00 1.75 252.0 10.0 287.5 2.0 0
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19 7 20 201 24 -9.7 0.130 -9.000 -9.000 -999. 113. 20.5 0.0360 0.37 1.00 2.01 253.0 10.0 287.0 2.0 0
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19 7 21 202 1 -5.8 0.100 -9.000 -9.000 -999. 76. 15.5 0.0360 0.37 1.00 1.57 249.0 10.0 287.0 2.0 0
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19 7 21 202 3 -5.9 0.101 -9.000 -9.000 -999. 77. 15.6 0.0360 0.37 1.00 1.59 240.0 10.0 286.4 2.0 0
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19 7 21 202 6 -6.6 0.110 -9.000 -9.000 -999. 88. 18.4 0.0360 0.37 0.56 1.72 250.0 10.0 286.4 2.0 0
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19 7 21 202 7 2.9 0.090 0.215 0.016 123. 65. -22.9 0.0360 0.37 0.30 1.11 265.0 10.0 287.0 2.0 0
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19 7 21 202 8 12.1 0.147 0.411 0.025 206. 135. -23.4 0.0450 0.37 0.21 1.72 222.0 10.0 287.0 2.0 0
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19 7 21 202 9 20.8 0.139 0.557 0.028 299. 124. -11.6 0.0360 0.37 0.18 1.60 241.0 10.0 289.2 2.0 0
0.00 80. 1009. 10 ADJ-A1 NoSubs
19 7 21 202 10 28.0 0.159 0.673 0.029 392. 152. -12.9 0.0450 0.37 0.17 1.76 218.0 10.0 291.4 2.0 0
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19 7 21 202 11 133.9 0.275 1.289 0.032 576. 346. -13.9 0.0280 0.37 0.17 3.39 197.0 10.0 292.5 2.0 0
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19 7 21 202 12 144.8 0.377 1.336 0.030 593. 555. -33.3 0.0450 0.37 0.17 4.54 222.0 10.0 293.8 2.0 0
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19 7 21 202 13 145.8 0.380 1.344 0.028 599. 563. -34.0 0.0360 0.37 0.17 4.80 248.0 10.0 290.4 2.0 0
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19 7 21 202 14 139.4 0.348 1.328 0.026 605. 493. -27.2 0.0360 0.37 0.17 4.32 249.0 10.0 290.9 2.0 0
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19 7 21 202 15 124.3 0.345 1.282 0.024 610. 486. -29.7 0.0450 0.37 0.17 4.12 239.0 10.0 292.5 2.0 0
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19 7 21 202 16 100.7 0.282 1.198 0.023 615. 362. -20.1 0.0360 0.37 0.18 3.42 241.0 10.0 292.5 2.0 0
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19 7 21 202 17 69.9 0.334 1.063 0.022 617. 463. -47.8 0.0450 0.37 0.19 4.12 222.0 10.0 290.9 2.0 0

0.00 69. 1008. 0 ADJ-A1 NoSubs
19 7 21 202 18 34.1 0.258 0.838 0.022 619. 318. -45.5 0.0450 0.37 0.24 3.18 227.0 10.0 290.4 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
19 7 21 202 19 -2.8 0.190 -9.000 -9.000 -999. 201. 216.9 0.0450 0.37 0.41 2.64 230.0 10.0 288.8 2.0 0
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19 7 21 202 22 -10.0 0.134 -9.000 -9.000 -999. 117. 21.4 0.0450 0.37 1.00 1.98 233.0 10.0 287.0 2.0 0
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19 7 21 202 23 -3.4 0.077 -9.000 -9.000 -999. 52. 12.2 0.0360 0.37 1.00 1.18 250.0 10.0 287.0 2.0 0
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19 7 21 202 24 -2.7 0.070 -9.000 -9.000 -999. 45. 11.7 0.0360 0.37 1.00 1.03 240.0 10.0 287.0 2.0 0
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19 7 22 203 1 -3.5 0.079 -9.000 -9.000 -999. 53. 12.6 0.0420 0.37 1.00 1.18 164.0 10.0 287.0 2.0 0
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19 7 22 203 2 -5.3 0.096 -9.000 -9.000 -999. 71. 15.1 0.0450 0.37 1.00 1.45 234.0 10.0 287.0 2.0 0
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19 7 22 203 7 2.7 0.121 0.215 0.029 132. 101. -58.8 0.0420 0.37 0.30 1.53 152.0 10.0 286.4 2.0 0
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19 7 22 203 8 12.1 0.105 0.394 0.031 182. 81. -8.5 0.0450 0.37 0.21 1.11 211.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 22 203 9 20.9 0.116 0.487 0.031 198. 95. -6.7 0.0420 0.37 0.18 1.21 176.0 10.0 290.1 2.0 0
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19 7 22 203 10 114.5 0.197 0.952 0.027 271. 210. -6.0 0.0420 0.37 0.17 2.03 179.0 10.0 293.1 2.0 0
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19 7 22 203 11 133.9 0.295 1.067 0.020 327. 385. -17.3 0.0280 0.37 0.17 3.71 206.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 7 22 203 12 144.9 0.337 1.138 0.017 367. 468. -23.7 0.0450 0.37 0.17 3.95 235.0 10.0 294.9 2.0 0
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19 7 22 203 13 146.9 0.315 1.186 0.018 409. 425. -19.2 0.0450 0.37 0.17 3.63 235.0 10.0 295.4 2.0 0
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19 7 22 203 14 139.8 0.347 1.217 0.016 465. 491. -27.0 0.0360 0.37 0.17 4.31 244.0 10.0 293.1 2.0 0
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19 7 22 203 15 124.1 0.355 1.201 0.015 503. 507. -32.4 0.0360 0.37 0.17 4.46 248.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 7 22 203 16 100.4 0.322 1.137 0.014 528. 439. -29.9 0.0450 0.37 0.18 3.85 231.0 10.0 292.0 2.0 0
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19 7 22 203 17 69.6 0.321 1.017 0.013 544. 436. -42.6 0.0450 0.37 0.19 3.93 221.0 10.0 290.9 2.0 0
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19 7 22 203 18 36.4 0.279 0.823 0.013 551. 354. -53.5 0.0450 0.37 0.24 3.46 234.0 10.0 289.2 2.0 0
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19 7 23 204 2 -3.2 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.37 1.00 1.14 255.0 10.0 286.4 2.0 0
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19 7 23 204 3 -2.7 0.071 -9.000 -9.000 -999. 45. 11.7 0.0360 0.37 1.00 1.04 244.0 10.0 286.4 2.0 0
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19 7 23 204 5 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0390 0.37 1.00 1.06 140.0 10.0 286.4 2.0 0
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19 7 23 204 6 -2.1 0.065 -9.000 -9.000 -999. 40. 11.8 0.0390 0.37 0.57 0.92 138.0 10.0 287.0 2.0 0
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19 7 23 204 7 2.7 0.081 0.143 0.024 39. 55. -17.6 0.0420 0.37 0.30 0.94 169.0 10.0 287.0 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 7 23 204 8 12.3 0.108 0.402 0.029 191. 86. -9.4 0.0420 0.37 0.21 1.18 165.0 10.0 288.8 2.0 0
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19 7 23 204 9 85.7 0.167 0.898 0.029 305. 164. -4.9 0.0420 0.37 0.18 1.67 155.0 10.0 290.1 2.0 0
0.00 77. 1012. 5 ADJ-A1 NoSubs
19 7 23 204 10 114.5 0.197 1.029 0.027 343. 210. -6.1 0.0280 0.37 0.17 2.23 181.0 10.0 293.8 2.0 0
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19 7 23 204 11 133.8 0.305 1.113 0.022 372. 405. -19.2 0.0280 0.37 0.17 3.88 192.0 10.0 293.8 2.0 0
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19 7 23 204 12 144.6 0.313 1.171 0.021 401. 420. -19.1 0.0280 0.37 0.17 3.97 195.0 10.0 294.2 2.0 0
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19 7 23 204 13 146.8 0.281 1.209 0.020 434. 358. -13.6 0.0280 0.37 0.17 3.46 191.0 10.0 295.4 2.0 0
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19 7 23 204 14 140.4 0.287 1.219 0.018 466. 369. -15.2 0.0280 0.37 0.17 3.57 181.0 10.0 295.9 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
19 7 23 204 15 124.5 0.360 1.196 0.015 495. 519. -33.9 0.0420 0.37 0.17 4.41 165.0 10.0 294.9 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
19 7 23 204 16 100.6 0.394 1.135 0.012 524. 594. -54.9 0.0420 0.37 0.18 4.97 163.0 10.0 293.8 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
19 7 23 204 17 69.6 0.366 1.015 0.014 542. 532. -63.4 0.0420 0.37 0.19 4.65 162.0 10.0 292.0 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 7 23 204 18 33.5 0.365 0.800 0.014 549. 528. -130.2 0.0420 0.37 0.25 4.78 161.0 10.0 290.4 2.0 0
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19 7 23 204 21 -5.4 0.097 -9.000 -9.000 -999. 73. 15.3 0.0450 0.37 1.00 1.47 234.0 10.0 287.0 2.0 0
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19 7 23 204 22 -4.1 0.084 -9.000 -9.000 -999. 58. 13.1 0.0360 0.37 1.00 1.31 258.0 10.0 287.0 2.0 0
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19 7 24 205 1 -2.1 0.065 -9.000 -9.000 -999. 40. 11.6 0.0320 0.37 1.00 0.89 286.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 2 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0380 0.37 1.00 1.08 306.0 10.0 285.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 3 -2.5 0.069 -9.000 -9.000 -999. 43. 12.1 0.0440 0.37 1.00 0.94 340.0 10.0 286.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 4 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.37 1.00 1.03 301.0 10.0 285.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 5 -3.1 0.075 -9.000 -9.000 -999. 49. 12.3 0.0450 0.37 1.00 1.08 230.0 10.0 284.9 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 7 24 205 6 -1.5 0.059 -9.000 -9.000 -999. 34. 12.2 0.0370 0.37 0.57 0.74 5.0 10.0 285.9 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 7 15.9 0.078 0.365 0.033 110. 53. -2.7 0.0360 0.37 0.30 0.75 265.0 10.0 288.8 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 8 53.6 0.127 0.618 0.030 159. 108. -3.4 0.0390 0.37 0.21 1.23 145.0 10.0 292.0 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 9 88.0 0.153 0.787 0.027 199. 143. -3.7 0.0420 0.37 0.18 1.47 153.0 10.0 296.4 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 10 115.9 0.172 0.992 0.024 303. 171. -3.9 0.0420 0.37 0.17 1.67 173.0 10.0 299.2 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 11 136.0 0.248 1.077 0.021 331. 296. -10.1 0.0280 0.37 0.17 2.96 205.0 10.0 301.4 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 12 147.1 0.316 1.142 0.012 365. 426. -19.3 0.0450 0.37 0.17 3.64 227.0 10.0 302.5 2.0 0
0.00 32. 1010. 0 ADJ-A1 NoSubs
19 7 24 205 13 148.4 0.356 1.181 0.007 400. 509. -27.3 0.0450 0.37 0.17 4.22 214.0 10.0 300.9 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
19 7 24 205 14 141.6 0.367 1.193 0.007 432. 535. -31.5 0.0450 0.37 0.17 4.41 215.0 10.0 300.4 2.0 0
0.00 34. 1009. 0 ADJ-A1 NoSubs
19 7 24 205 15 125.7 0.326 1.169 0.010 457. 447. -24.7 0.0280 0.37 0.17 4.22 192.0 10.0 299.2 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
19 7 24 205 16 100.7 0.337 1.099 0.009 474. 469. -34.1 0.0280 0.37 0.18 4.46 184.0 10.0 294.9 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
19 7 24 205 17 69.5 0.321 0.979 0.008 486. 438. -43.0 0.0280 0.37 0.19 4.32 187.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
19 7 24 205 18 33.3 0.274 0.769 0.007 491. 346. -55.7 0.0280 0.37 0.25 3.74 180.0 10.0 290.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 7 24 205 19 -4.4 0.226 -9.000 -9.000 -999. 258. 232.9 0.0420 0.37 0.41 3.17 175.0 10.0 289.2 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 7 24 205 20 -20.0 0.204 -9.000 -9.000 -999. 222. 46.0 0.0420 0.37 1.00 2.98 153.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 7 24 205 21 -17.2 0.176 -9.000 -9.000 -999. 177. 34.0 0.0390 0.37 1.00 2.62 138.0 10.0 288.1 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 7 24 205 22 -3.2 0.075 -9.000 -9.000 -999. 55. 12.1 0.0360 0.37 1.00 1.14 90.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 7 24 205 23 -2.7 0.070 -9.000 -9.000 -999. 45. 11.6 0.0340 0.37 1.00 1.04 82.0 10.0 288.8 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 7 24 205 24 -3.1 0.075 -9.000 -9.000 -999. 49. 12.1 0.0380 0.37 1.00 1.13 309.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 7 25 206 1 -4.2 0.084 -9.000 -9.000 -999. 59. 13.0 0.0320 0.37 1.00 1.35 289.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 7 25 206 2 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.37 1.00 0.97 267.0 10.0 286.4 2.0 0

0.00 86. 1008. 0 ADJ-A1 NoSubs
19 7 25 206 3 -1.6 0.061 -9.000 -9.000 -999. 36. 12.6 0.0320 0.37 1.00 0.72 280.0 10.0 287.0 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 7 25 206 4 -3.6 0.080 -9.000 -9.000 -999. 54. 12.8 0.0450 0.37 1.00 1.18 236.0 10.0 285.4 2.0 0
0.00 92. 1008. 5 ADJ-A1 NoSubs
19 7 25 206 5 -4.3 0.087 -9.000 -9.000 -999. 61. 13.7 0.0450 0.37 1.00 1.30 232.0 10.0 286.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 7 25 206 6 -4.1 0.086 -9.000 -9.000 -999. 60. 14.0 0.0360 0.37 0.58 1.35 118.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 25 206 7 2.5 0.116 0.146 0.033 44. 94. -54.9 0.0390 0.37 0.30 1.48 123.0 10.0 287.1 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
19 7 25 206 8 12.2 0.119 0.331 0.033 107. 99. -12.5 0.0360 0.37 0.21 1.38 109.0 10.0 289.2 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 7 25 206 9 86.6 0.155 0.778 0.031 196. 146. -3.9 0.0420 0.37 0.18 1.50 177.0 10.0 292.5 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 7 25 206 10 114.3 0.230 0.942 0.028 263. 264. -9.6 0.0280 0.37 0.17 2.73 184.0 10.0 294.9 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
19 7 25 206 11 134.0 0.278 1.047 0.021 308. 352. -14.4 0.0280 0.37 0.17 3.44 185.0 10.0 295.9 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 7 25 206 12 144.8 0.312 1.107 0.016 337. 419. -18.9 0.0450 0.37 0.17 3.59 213.0 10.0 296.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 7 25 206 13 146.1 0.397 1.138 0.009 364. 600. -38.5 0.0450 0.37 0.17 4.83 220.0 10.0 294.2 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 7 25 206 14 139.5 0.356 1.145 0.012 388. 510. -29.0 0.0450 0.37 0.17 4.24 228.0 10.0 294.2 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 7 25 206 15 123.5 0.363 1.140 0.011 432. 525. -34.9 0.0450 0.37 0.17 4.39 219.0 10.0 292.5 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
19 7 25 206 16 99.5 0.337 1.088 0.014 465. 470. -34.6 0.0450 0.37 0.18 4.07 220.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 7 25 206 17 68.7 0.331 0.975 0.013 486. 458. -47.7 0.0450 0.37 0.19 4.09 232.0 10.0 290.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
19 7 25 206 18 35.4 0.278 0.787 0.013 496. 354. -54.8 0.0450 0.37 0.25 3.46 237.0 10.0 288.8 2.0 0
0.00 83. 1009. 5 ADJ-A1 NoSubs
19 7 25 206 19 -7.7 0.180 -9.000 -9.000 -999. 187. 67.8 0.0360 0.37 0.42 2.66 246.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 25 206 20 -6.4 0.106 -9.000 -9.000 -999. 85. 16.8 0.0450 0.37 1.00 1.60 230.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 25 206 21 -6.2 0.104 -9.000 -9.000 -999. 81. 16.4 0.0450 0.37 1.00 1.57 225.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 25 206 22 -5.8 0.101 -9.000 -9.000 -999. 77. 15.9 0.0450 0.37 1.00 1.52 223.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 25 206 23 -4.3 0.087 -9.000 -9.000 -999. 62. 13.8 0.0450 0.37 1.00 1.31 229.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 25 206 24 -8.1 0.120 -9.000 -9.000 -999. 99. 18.9 0.0420 0.37 1.00 1.81 178.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 26 207 1 -16.2 0.171 -9.000 -9.000 -999. 170. 32.2 0.0420 0.37 1.00 2.52 174.0 10.0 287.0 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 26 207 2 -10.4 0.136 -9.000 -9.000 -999. 120. 21.6 0.0390 0.37 1.00 2.06 147.0 10.0 287.0 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 26 207 3 -8.1 0.119 -9.000 -9.000 -999. 98. 18.6 0.0390 0.37 1.00 1.82 139.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 26 207 4 -8.3 0.120 -9.000 -9.000 -999. 100. 18.8 0.0360 0.37 1.00 1.87 117.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 26 207 5 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0360 0.37 1.00 1.62 91.0 10.0 286.4 2.0 0

0.00 92. 1011. 10 ADJ-A1 NoSubs
19 7 26 207 6 -4.6 0.091 -9.000 -9.000 -999. 66. 14.7 0.0360 0.37 0.58 1.43 108.0 10.0 286.4 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 7 26 207 7 2.4 0.117 0.213 0.029 145. 96. -59.3 0.0390 0.37 0.30 1.50 134.0 10.0 287.0 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 26 207 8 11.8 0.102 0.422 0.032 229. 79. -8.2 0.0450 0.37 0.21 1.08 217.0 10.0 287.5 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 7 26 207 9 20.3 0.137 0.570 0.033 328. 121. -11.4 0.0360 0.37 0.18 1.57 115.0 10.0 288.8 2.0 0
0.00 79. 1013. 10 ADJ-A1 NoSubs
19 7 26 207 10 27.4 0.143 0.663 0.034 384. 130. -9.6 0.0280 0.37 0.17 1.70 181.0 10.0 290.4 2.0 0
0.00 75. 1013. 10 ADJ-A1 NoSubs
19 7 26 207 11 134.9 0.240 1.163 0.033 421. 282. -9.3 0.0280 0.37 0.17 2.84 190.0 10.0 292.5 2.0 0
0.00 67. 1013. 3 ADJ-A1 NoSubs
19 7 26 207 12 143.7 0.313 1.220 0.032 457. 421. -19.3 0.0450 0.37 0.17 3.61 217.0 10.0 293.1 2.0 0
0.00 64. 1013. 0 ADJ-A1 NoSubs
19 7 26 207 13 145.9 0.350 1.250 0.028 483. 496. -26.5 0.0450 0.37 0.17 4.14 225.0 10.0 294.2 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 7 26 207 14 139.3 0.350 1.245 0.028 500. 498. -27.9 0.0360 0.37 0.17 4.36 250.0 10.0 294.2 2.0 0
0.00 63. 1012. 0 ADJ-A1 NoSubs
19 7 26 207 15 123.4 0.354 1.207 0.026 514. 506. -32.5 0.0360 0.37 0.17 4.46 255.0 10.0 293.1 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
19 7 26 207 16 99.5 0.367 1.131 0.024 525. 533. -44.8 0.0450 0.37 0.18 4.51 234.0 10.0 292.5 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 7 26 207 17 71.4 0.351 1.018 0.024 532. 499. -54.5 0.0450 0.37 0.19 4.36 238.0 10.0 291.4 2.0 0
0.00 72. 1011. 3 ADJ-A1 NoSubs
19 7 26 207 18 7.2 0.271 0.475 0.024 533. 343. -249.7 0.0360 0.37 0.25 3.73 241.0 10.0 289.9 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
19 7 26 207 19 -7.0 0.176 -9.000 -9.000 -999. 181. 70.0 0.0450 0.37 0.42 2.50 238.0 10.0 289.2 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
19 7 26 207 20 -14.2 0.159 -9.000 -9.000 -999. 152. 27.9 0.0360 0.37 1.00 2.42 242.0 10.0 288.8 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 7 26 207 21 -11.3 0.143 -9.000 -9.000 -999. 129. 23.0 0.0450 0.37 1.00 2.10 239.0 10.0 288.1 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 26 207 22 -9.3 0.129 -9.000 -9.000 -999. 111. 20.6 0.0450 0.37 1.00 1.91 221.0 10.0 288.1 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 26 207 23 -6.2 0.104 -9.000 -9.000 -999. 81. 16.5 0.0450 0.37 1.00 1.57 235.0 10.0 288.1 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 7 26 207 24 -3.6 0.079 -9.000 -9.000 -999. 54. 12.5 0.0360 0.37 1.00 1.23 93.0 10.0 288.1 2.0 0
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19 7 27 208 1 -9.2 0.126 -9.000 -9.000 -999. 107. 19.4 0.0280 0.37 1.00 2.03 197.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
19 7 27 208 2 -5.5 0.098 -9.000 -9.000 -999. 74. 15.4 0.0420 0.37 1.00 1.50 167.0 10.0 287.0 2.0 0
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19 7 27 208 3 -11.4 0.140 -9.000 -9.000 -999. 126. 21.8 0.0280 0.37 1.00 2.25 184.0 10.0 287.0 2.0 0
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19 7 27 208 4 -10.9 0.137 -9.000 -9.000 -999. 122. 21.3 0.0280 0.37 1.00 2.20 188.0 10.0 287.0 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 7 27 208 5 -6.9 0.110 -9.000 -9.000 -999. 87. 17.4 0.0450 0.37 1.00 1.65 212.0 10.0 287.0 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 7 27 208 6 -4.9 0.092 -9.000 -9.000 -999. 67. 14.6 0.0280 0.37 0.59 1.52 198.0 10.0 287.0 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 7 27 208 7 2.3 0.090 0.213 0.030 150. 65. -28.7 0.0340 0.37 0.30 1.14 81.0 10.0 287.0 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 7 27 208 8 11.7 0.104 0.408 0.033 210. 80. -8.7 0.0390 0.37 0.21 1.14 148.0 10.0 287.5 2.0 0

0.00 93. 1013. 10 ADJ-A1 NoSubs
19 7 27 208 9 20.4 0.107 0.534 0.036 269. 83. -5.4 0.0420 0.37 0.18 1.08 163.0 10.0 289.2 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 7 27 208 10 115.4 0.173 1.025 0.035 337. 173. -4.1 0.0280 0.37 0.17 1.86 195.0 10.0 292.5 2.0 0
0.00 70. 1012. 3 ADJ-A1 NoSubs
19 7 27 208 11 133.3 0.285 1.135 0.033 396. 365. -15.7 0.0450 0.37 0.17 3.22 210.0 10.0 295.4 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 7 27 208 12 144.4 0.330 1.199 0.026 431. 454. -22.4 0.0280 0.37 0.17 4.24 204.0 10.0 296.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 7 27 208 13 146.1 0.315 1.216 0.028 444. 424. -19.2 0.0280 0.37 0.17 4.00 206.0 10.0 295.9 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 7 27 208 14 139.7 0.335 1.209 0.024 456. 466. -24.3 0.0280 0.37 0.17 4.34 207.0 10.0 296.4 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 7 27 208 15 123.5 0.377 1.169 0.017 466. 555. -39.0 0.0450 0.37 0.17 4.59 214.0 10.0 294.2 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 7 27 208 16 99.4 0.315 1.094 0.022 474. 426. -28.3 0.0280 0.37 0.18 4.12 208.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 7 27 208 17 68.5 0.258 0.970 0.021 480. 316. -22.6 0.0280 0.37 0.19 3.32 203.0 10.0 292.5 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
19 7 27 208 18 32.1 0.240 0.755 0.021 482. 282. -38.6 0.0280 0.37 0.25 3.20 201.0 10.0 290.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 7 27 208 19 1.0 0.219 0.241 0.021 481. 246. -906.6 0.0280 0.37 0.42 3.20 204.0 10.0 287.5 2.0 0
0.00 86. 1009. 5 ADJ-A1 NoSubs
19 7 27 208 20 -12.2 0.145 -9.000 -9.000 -999. 134. 23.2 0.0280 0.37 1.00 2.32 206.0 10.0 286.4 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 27 208 21 -3.2 0.076 -9.000 -9.000 -999. 52. 12.5 0.0450 0.37 1.00 1.11 217.0 10.0 286.4 2.0 0
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19 7 27 208 22 -2.5 0.068 -9.000 -9.000 -999. 43. 11.7 0.0370 0.37 1.00 0.97 51.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 27 208 23 -3.2 0.075 -9.000 -9.000 -999. 50. 12.0 0.0340 0.37 1.00 1.16 67.0 10.0 287.0 2.0 0
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19 7 27 208 24 -2.4 0.069 -9.000 -9.000 -999. 43. 12.0 0.0420 0.37 1.00 0.94 178.0 10.0 286.4 2.0 0
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19 7 28 209 1 -5.6 0.099 -9.000 -9.000 -999. 75. 15.6 0.0450 0.37 1.00 1.50 212.0 10.0 286.4 2.0 0
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19 7 28 209 2 -4.9 0.093 -9.000 -9.000 -999. 68. 14.6 0.0450 0.37 1.00 1.40 233.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 3 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0280 0.37 1.00 1.57 180.0 10.0 286.4 2.0 0
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19 7 28 209 4 -2.1 0.064 -9.000 -9.000 -999. 39. 11.3 0.0280 0.37 1.00 0.91 192.0 10.0 285.9 2.0 0
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19 7 28 209 6 -3.2 0.076 -9.000 -9.000 -999. 51. 12.5 0.0360 0.37 0.60 1.18 259.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 7 2.1 0.091 0.124 0.033 32. 65. -31.8 0.0360 0.37 0.31 1.14 243.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 8 11.7 0.115 0.284 0.031 71. 94. -11.8 0.0360 0.37 0.21 1.33 250.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 7 28 209 9 84.4 0.142 0.697 0.028 144. 129. -3.1 0.0280 0.37 0.18 1.47 206.0 10.0 290.4 2.0 0
0.00 77. 1010. 5 ADJ-A1 NoSubs
19 7 28 209 10 113.2 0.222 0.853 0.023 197. 252. -8.7 0.0280 0.37 0.17 2.62 181.0 10.0 293.8 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
19 7 28 209 11 133.0 0.304 1.043 0.016 308. 402. -19.0 0.0280 0.37 0.17 3.86 194.0 10.0 294.9 2.0 0

0.00 58. 1010. 0 ADJ-A1 NoSubs
19 7 28 209 12 143.4 0.399 1.123 0.009 356. 605. -39.9 0.0450 0.37 0.17 4.87 216.0 10.0 293.8 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 7 28 209 13 145.5 0.375 1.172 0.010 399. 552. -32.6 0.0450 0.37 0.17 4.51 211.0 10.0 294.2 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
19 7 28 209 14 138.5 0.374 1.188 0.010 436. 549. -34.0 0.0450 0.37 0.17 4.51 221.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 7 28 209 15 122.7 0.378 1.167 0.010 467. 558. -39.7 0.0450 0.37 0.17 4.61 219.0 10.0 292.0 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 7 28 209 16 101.0 0.367 1.116 0.010 495. 534. -44.1 0.0450 0.37 0.18 4.51 213.0 10.0 290.9 2.0 0
0.00 72. 1009. 3 ADJ-A1 NoSubs
19 7 28 209 17 15.9 0.282 0.604 0.012 498. 362. -126.2 0.0450 0.37 0.19 3.64 218.0 10.0 289.2 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 18 6.7 0.236 0.453 0.012 499. 275. -176.1 0.0450 0.37 0.25 3.08 215.0 10.0 288.1 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 19 -8.8 0.184 -9.000 -9.000 -999. 190. 63.7 0.0450 0.37 0.43 2.62 210.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 20 -12.7 0.148 -9.000 -9.000 -999. 138. 24.3 0.0280 0.37 1.00 2.37 187.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 21 -7.3 0.113 -9.000 -9.000 -999. 91. 17.7 0.0390 0.37 1.00 1.74 143.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 22 -9.9 0.133 -9.000 -9.000 -999. 116. 21.1 0.0420 0.37 1.00 1.99 163.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 23 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0280 0.37 1.00 1.47 203.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 28 209 24 -12.3 0.148 -9.000 -9.000 -999. 136. 24.1 0.0390 0.37 1.00 2.23 143.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 29 210 1 -8.4 0.121 -9.000 -9.000 -999. 101. 18.9 0.0360 0.37 1.00 1.88 115.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 29 210 2 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0370 0.37 1.00 1.38 33.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 29 210 3 -5.1 0.094 -9.000 -9.000 -999. 70. 14.8 0.0440 0.37 1.00 1.43 356.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 29 210 4 -4.6 0.089 -9.000 -9.000 -999. 64. 14.1 0.0440 0.37 1.00 1.35 351.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 29 210 5 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0380 0.37 1.00 1.18 324.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 29 210 6 -2.6 0.069 -9.000 -9.000 -999. 44. 11.8 0.0360 0.37 0.60 1.03 269.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 7 29 210 7 2.1 0.095 0.149 0.008 56. 71. -37.0 0.0450 0.37 0.31 1.16 231.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 29 210 8 11.4 0.138 0.363 0.023 151. 123. -20.6 0.0420 0.37 0.21 1.62 166.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 7 29 210 9 20.0 0.134 0.525 0.038 260. 118. -10.8 0.0420 0.37 0.18 1.48 177.0 10.0 288.1 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 7 29 210 10 27.0 0.163 0.646 0.040 359. 158. -14.5 0.0390 0.37 0.17 1.89 136.0 10.0 289.2 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 7 29 210 11 32.1 0.157 0.718 0.039 415. 149. -10.8 0.0390 0.37 0.17 1.76 137.0 10.0 290.4 2.0 0
0.00 75. 1010. 10 ADJ-A1 NoSubs
19 7 29 210 12 35.2 0.234 0.753 0.039 436. 271. -32.6 0.0450 0.37 0.17 2.81 217.0 10.0 292.0 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
19 7 29 210 13 147.0 0.315 1.286 0.037 522. 425. -19.2 0.0450 0.37 0.17 3.63 212.0 10.0 293.8 2.0 0
0.00 60. 1010. 3 ADJ-A1 NoSubs
19 7 29 210 14 138.3 0.297 1.298 0.035 570. 389. -17.0 0.0280 0.37 0.17 3.73 182.0 10.0 293.1 2.0 0

0.00 62. 1010. 0 ADJ-A1 NoSubs
19 7 29 210 15 123.0 0.306 1.257 0.034 583. 407. -21.1 0.0420 0.37 0.17 3.61 158.0 10.0 294.2 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 7 29 210 16 99.0 0.324 1.175 0.032 590. 443. -31.0 0.0390 0.37 0.18 4.00 142.0 10.0 293.8 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 7 29 210 17 68.0 0.329 1.040 0.031 594. 452. -47.0 0.0390 0.37 0.19 4.17 135.0 10.0 293.1 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
19 7 29 210 18 31.8 0.287 0.808 0.031 597. 370. -66.8 0.0390 0.37 0.25 3.71 144.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
19 7 29 210 19 -6.9 0.242 -9.000 -9.000 -999. 286. 184.0 0.0390 0.37 0.43 3.46 141.0 10.0 290.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 7 29 210 20 -19.9 0.204 -9.000 -9.000 -999. 221. 45.6 0.0360 0.37 1.00 3.05 115.0 10.0 289.2 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 7 29 210 21 -16.7 0.173 -9.000 -9.000 -999. 173. 32.8 0.0340 0.37 1.00 2.64 86.0 10.0 288.8 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 7 29 210 22 -8.6 0.122 -9.000 -9.000 -999. 102. 19.0 0.0340 0.37 1.00 1.91 68.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 7 29 210 23 -4.3 0.087 -9.000 -9.000 -999. 61. 13.5 0.0370 0.37 1.00 1.35 41.0 10.0 287.5 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 7 29 210 24 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0370 0.37 1.00 1.45 8.0 10.0 286.4 2.0 0
0.00 86. 1009. 7 ADJ-A1 NoSubs
19 7 30 211 1 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.37 1.00 1.20 42.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 30 211 2 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.37 1.00 1.33 18.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 30 211 3 -3.0 0.073 -9.000 -9.000 -999. 47. 11.9 0.0370 0.37 1.00 1.09 25.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 7 30 211 4 -4.9 0.092 -9.000 -9.000 -999. 67. 14.5 0.0440 0.37 1.00 1.40 354.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 7 30 211 5 -5.0 0.094 -9.000 -9.000 -999. 69. 14.7 0.0440 0.37 1.00 1.42 349.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 30 211 6 -6.0 0.104 -9.000 -9.000 -999. 80. 16.6 0.0340 0.37 0.61 1.64 88.0 10.0 287.5 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 7 30 211 7 2.1 0.124 0.184 0.005 107. 105. -82.5 0.0340 0.37 0.31 1.67 75.0 10.0 287.5 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 7 30 211 8 11.5 0.106 0.432 0.014 251. 82. -9.2 0.0370 0.37 0.21 1.18 21.0 10.0 288.1 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 7 30 211 9 20.1 0.123 0.557 0.016 308. 103. -8.3 0.0340 0.37 0.18 1.38 85.0 10.0 289.2 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 7 30 211 10 27.1 0.108 0.654 0.017 371. 85. -4.2 0.0380 0.37 0.17 1.08 311.0 10.0 289.9 2.0 0
0.00 74. 1010. 10 ADJ-A1 NoSubs
19 7 30 211 11 32.3 0.217 0.731 0.022 436. 242. -28.5 0.0280 0.37 0.17 2.84 186.0 10.0 291.4 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
19 7 30 211 12 116.3 0.278 1.256 0.032 615. 351. -16.6 0.0420 0.37 0.17 3.20 175.0 10.0 293.8 2.0 0
0.00 60. 1010. 7 ADJ-A1 NoSubs
19 7 30 211 13 144.7 0.295 1.377 0.032 651. 385. -16.0 0.0280 0.37 0.17 3.69 192.0 10.0 293.1 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 7 30 211 14 138.3 0.317 1.372 0.031 673. 428. -20.7 0.0280 0.37 0.17 4.05 197.0 10.0 294.2 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
19 7 30 211 15 122.7 0.274 1.328 0.030 688. 345. -15.1 0.0420 0.37 0.17 3.13 173.0 10.0 294.2 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
19 7 30 211 16 99.0 0.286 1.244 0.029 700. 367. -21.2 0.0420 0.37 0.18 3.37 160.0 10.0 294.9 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 7 30 211 17 67.5 0.309 1.099 0.028 707. 413. -39.4 0.0390 0.37 0.19 3.88 149.0 10.0 292.5 2.0 0

0.00 65. 1008. 0 ADJ-A1 NoSubs
19 7 30 211 18 31.1 0.289 0.850 0.028 711. 372. -69.5 0.0390 0.37 0.25 3.74 137.0 10.0 291.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 7 30 211 19 -9.2 0.281 -9.000 -9.000 -999. 357. 215.7 0.0390 0.37 0.43 4.00 125.0 10.0 289.2 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 7 30 211 20 -25.1 0.256 -9.000 -9.000 -999. 311. 72.2 0.0360 0.37 1.00 3.80 117.0 10.0 288.1 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
19 7 30 211 21 -20.5 0.209 -9.000 -9.000 -999. 230. 48.1 0.0360 0.37 1.00 3.13 105.0 10.0 288.1 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 30 211 22 -18.0 0.183 -9.000 -9.000 -999. 188. 36.9 0.0360 0.37 1.00 2.76 99.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 30 211 23 -9.3 0.127 -9.000 -9.000 -999. 110. 20.0 0.0340 0.37 1.00 1.99 74.0 10.0 288.1 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 30 211 24 -10.7 0.137 -9.000 -9.000 -999. 122. 21.6 0.0340 0.37 1.00 2.13 77.0 10.0 287.5 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 31 212 1 -6.6 0.107 -9.000 -9.000 -999. 83. 16.5 0.0360 0.37 1.00 1.67 92.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 31 212 2 -4.9 0.092 -9.000 -9.000 -999. 67. 14.4 0.0390 0.37 1.00 1.43 131.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 31 212 3 -4.0 0.084 -9.000 -9.000 -999. 58. 13.1 0.0370 0.37 1.00 1.30 31.0 10.0 287.0 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 7 31 212 4 -4.5 0.088 -9.000 -9.000 -999. 63. 13.6 0.0340 0.37 1.00 1.40 67.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 7 31 212 5 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0390 0.37 1.00 1.13 121.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 7 31 212 6 -12.9 0.154 -9.000 -9.000 -999. 145. 26.1 0.0420 0.37 0.61 2.28 177.0 10.0 286.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 31 212 7 1.8 0.133 0.240 0.031 277. 117. -118.8 0.0390 0.37 0.31 1.77 134.0 10.0 286.4 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 31 212 8 11.2 0.195 0.484 0.033 363. 207. -59.5 0.0420 0.37 0.21 2.47 177.0 10.0 287.0 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 7 31 212 9 19.8 0.185 0.639 0.034 473. 191. -28.7 0.0280 0.37 0.18 2.42 186.0 10.0 288.1 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
19 7 31 212 10 26.8 0.164 0.710 0.034 481. 160. -14.9 0.0280 0.37 0.17 2.04 203.0 10.0 288.8 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
19 7 31 212 11 32.0 0.189 0.758 0.033 490. 197. -19.1 0.0420 0.37 0.17 2.21 160.0 10.0 290.4 2.0 0
0.00 72. 1011. 10 ADJ-A1 NoSubs
19 7 31 212 12 34.9 0.239 0.785 0.033 500. 280. -35.1 0.0420 0.37 0.17 2.93 178.0 10.0 291.4 2.0 0
0.00 67. 1011. 10 ADJ-A1 NoSubs
19 7 31 212 13 117.3 0.376 1.200 0.030 532. 554. -41.0 0.0450 0.37 0.17 4.60 218.0 10.0 292.5 2.0 0
0.00 62. 1011. 7 ADJ-A1 NoSubs
19 7 31 212 14 132.8 0.396 1.278 0.024 567. 598. -42.2 0.0360 0.37 0.17 5.07 240.0 10.0 291.4 2.0 0
0.00 67. 1011. 5 ADJ-A1 NoSubs
19 7 31 212 15 121.9 0.373 1.251 0.028 579. 548. -38.4 0.0450 0.37 0.17 4.54 238.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
19 7 31 212 16 96.0 0.373 1.161 0.026 587. 547. -48.7 0.0450 0.37 0.18 4.61 214.0 10.0 291.4 2.0 0
0.00 69. 1010. 5 ADJ-A1 NoSubs
19 7 31 212 17 56.9 0.320 0.977 0.026 591. 436. -51.9 0.0450 0.37 0.20 3.97 222.0 10.0 290.9 2.0 0
0.00 69. 1010. 7 ADJ-A1 NoSubs
19 7 31 212 18 6.5 0.261 0.474 0.026 591. 322. -246.9 0.0450 0.37 0.25 3.44 219.0 10.0 288.8 2.0 0
0.00 79. 1009. 10 ADJ-A1 NoSubs
19 7 31 212 19 -8.6 0.161 -9.000 -9.000 -999. 160. 44.3 0.0280 0.37 0.44 2.52 202.0 10.0 287.5 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 7 31 212 20 -13.0 0.151 -9.000 -9.000 -999. 140. 24.9 0.0280 0.37 1.00 2.40 183.0 10.0 287.0 2.0 0

0.00 89. 1010. 10 ADJ-A1 NoSubs
19 7 31 212 21 -12.6 0.150 -9.000 -9.000 -999. 139. 24.8 0.0420 0.37 1.00 2.23 167.0 10.0 287.0 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 7 31 212 22 -11.1 0.141 -9.000 -9.000 -999. 126. 22.5 0.0420 0.37 1.00 2.10 159.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 7 31 212 23 -6.3 0.105 -9.000 -9.000 -999. 82. 16.4 0.0420 0.37 1.00 1.60 170.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 7 31 212 24 -3.3 0.076 -9.000 -9.000 -999. 51. 12.1 0.0340 0.37 1.00 1.18 73.0 10.0 286.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 8 1 213 1 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0390 0.37 1.00 1.71 120.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 8 1 213 2 -6.2 0.103 -9.000 -9.000 -999. 80. 15.9 0.0360 0.37 1.00 1.62 110.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 8 1 213 3 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0390 0.37 1.00 1.43 149.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 8 1 213 4 -3.2 0.075 -9.000 -9.000 -999. 50. 12.0 0.0340 0.37 1.00 1.16 62.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 8 1 213 5 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0390 0.37 1.00 1.42 141.0 10.0 285.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 8 1 213 6 -8.3 0.122 -9.000 -9.000 -999. 102. 19.6 0.0360 0.37 0.62 1.89 114.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 8 1 213 7 1.7 0.123 0.140 0.005 58. 104. -99.7 0.0360 0.37 0.31 1.65 90.0 10.0 286.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 8 1 213 8 11.2 0.102 0.407 0.021 216. 78. -8.5 0.0370 0.37 0.21 1.13 12.0 10.0 287.5 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 8 1 213 9 19.9 0.099 0.571 0.029 338. 74. -4.4 0.0390 0.37 0.18 0.99 141.0 10.0 288.8 2.0 0
0.00 79. 1013. 10 ADJ-A1 NoSubs
19 8 1 213 10 27.2 0.121 0.661 0.029 383. 101. -5.9 0.0420 0.37 0.17 1.24 171.0 10.0 291.0 2.0 0
0.00 999. 1013. 10 ADJ-A1 Sub_CC-TT
19 8 1 213 11 32.6 0.176 0.731 0.029 432. 177. -15.1 0.0450 0.37 0.17 1.98 237.0 10.0 293.1 2.0 0
0.00 62. 1013. 10 ADJ-A1 NoSubs
19 8 1 213 12 115.7 0.241 1.222 0.030 571. 284. -10.9 0.0360 0.37 0.17 2.75 241.0 10.0 293.1 2.0 0
0.00 64. 1013. 7 ADJ-A1 NoSubs
19 8 1 213 13 146.4 -9.000 -9.000 -9.000 613. -999. -99999.0 0.0373 0.37 0.17 999.00 999.0 -9.0 294.2 2.0
0 0.00 63. 1013. 3 NAD NoSubs
19 8 1 213 14 139.8 0.265 1.341 0.027 624. 327. -12.0 0.0280 0.37 0.17 3.22 202.0 10.0 294.2 2.0 0
0.00 65. 1012. 3 ADJ-A1 NoSubs
19 8 1 213 15 122.1 0.299 1.289 0.026 633. 393. -19.8 0.0280 0.37 0.17 3.81 188.0 10.0 294.2 2.0 0
0.00 65. 1012. 0 ADJ-A1 NoSubs
19 8 1 213 16 98.3 0.281 1.204 0.025 640. 357. -20.3 0.0390 0.37 0.18 3.35 142.0 10.0 294.9 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
19 8 1 213 17 67.3 0.298 1.064 0.024 645. 391. -35.5 0.0420 0.37 0.20 3.66 150.0 10.0 294.9 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
19 8 1 213 18 30.8 0.275 0.821 0.023 647. 347. -61.0 0.0420 0.37 0.25 3.49 161.0 10.0 293.8 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
19 8 1 213 19 -7.4 0.213 -9.000 -9.000 -999. 237. 117.8 0.0420 0.37 0.44 3.03 156.0 10.0 292.0 2.0 0
0.00 72. 1011. 0 ADJ-A1 NoSubs
19 8 1 213 20 -15.8 0.169 -9.000 -9.000 -999. 167. 31.3 0.0390 0.37 1.00 2.52 131.0 10.0 290.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
19 8 1 213 21 -10.0 0.132 -9.000 -9.000 -999. 116. 20.9 0.0360 0.37 1.00 2.04 101.0 10.0 289.2 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
19 8 1 213 22 -11.1 0.140 -9.000 -9.000 -999. 126. 22.2 0.0360 0.37 1.00 2.15 92.0 10.0 288.8 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 8 1 213 23 -4.5 0.088 -9.000 -9.000 -999. 63. 13.8 0.0370 0.37 1.00 1.38 57.0 10.0 289.2 2.0 0

0.00 86. 1012. 7 ADJ-A1 NoSubs
19 8 1 213 24 -6.5 0.105 -9.000 -9.000 -999. 82. 16.3 0.0340 0.37 1.00 1.67 76.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 8 2 214 1 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0370 0.37 1.00 1.26 52.0 10.0 288.8 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 8 2 214 2 -3.0 0.075 -9.000 -9.000 -999. 49. 12.3 0.0440 0.37 1.00 1.08 334.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
19 8 2 214 3 -4.6 0.089 -9.000 -9.000 -999. 63. 13.8 0.0380 0.37 1.00 1.38 300.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
19 8 2 214 4 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0380 0.37 1.00 0.91 326.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
19 8 2 214 5 -3.6 0.080 -9.000 -9.000 -999. 54. 12.6 0.0370 0.37 1.00 1.23 36.0 10.0 288.1 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
19 8 2 214 6 -6.3 0.105 -9.000 -9.000 -999. 82. 16.8 0.0370 0.37 0.63 1.64 27.0 10.0 287.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 8 2 214 7 1.9 0.108 0.190 0.011 129. 85. -59.1 0.0370 0.37 0.32 1.40 40.0 10.0 288.1 2.0 0
0.00 93. 1013. 10 ADJ-A1 NoSubs
19 8 2 214 8 11.3 0.093 0.396 0.014 197. 69. -6.5 0.0360 0.37 0.21 1.01 96.0 10.0 288.8 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 8 2 214 9 19.9 0.130 0.535 0.018 277. 113. -10.1 0.0420 0.37 0.18 1.43 175.0 10.0 289.2 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 8 2 214 10 27.1 0.151 0.646 0.019 359. 140. -11.4 0.0420 0.37 0.17 1.67 177.0 10.0 290.9 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
19 8 2 214 11 131.4 0.202 1.254 0.022 542. 218. -5.7 0.0280 0.37 0.17 2.27 189.0 10.0 293.8 2.0 0
0.00 67. 1013. 0 ADJ-A1 NoSubs
19 8 2 214 12 142.6 0.264 1.310 0.021 569. 326. -11.6 0.0280 0.37 0.17 3.20 206.0 10.0 295.4 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 8 2 214 13 145.1 0.281 1.338 0.019 596. 357. -13.8 0.0280 0.37 0.17 3.46 193.0 10.0 297.0 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
19 8 2 214 14 138.5 0.304 1.335 0.018 620. 403. -18.3 0.0280 0.37 0.17 3.85 193.0 10.0 297.5 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
19 8 2 214 15 122.4 0.344 1.295 0.017 641. 484. -29.9 0.0420 0.37 0.17 4.17 171.0 10.0 296.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 8 2 214 16 98.1 0.346 1.218 0.016 665. 489. -38.1 0.0420 0.37 0.18 4.27 167.0 10.0 295.4 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 8 2 214 17 67.0 0.331 1.082 0.016 682. 456. -48.5 0.0420 0.37 0.20 4.14 164.0 10.0 295.4 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 8 2 214 18 30.1 0.305 0.832 0.016 688. 404. -84.6 0.0420 0.37 0.26 3.93 172.0 10.0 293.1 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 8 2 214 19 -8.8 0.230 -9.000 -9.000 -999. 267. 124.1 0.0420 0.37 0.45 3.27 179.0 10.0 290.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 8 2 214 20 -20.7 0.212 -9.000 -9.000 -999. 234. 49.3 0.0420 0.37 1.00 3.08 170.0 10.0 289.2 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 8 2 214 21 -13.4 0.155 -9.000 -9.000 -999. 147. 26.5 0.0420 0.37 1.00 2.30 158.0 10.0 288.8 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 8 2 214 22 -4.4 0.087 -9.000 -9.000 -999. 63. 13.6 0.0360 0.37 1.00 1.37 119.0 10.0 288.8 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 8 2 214 23 -4.1 0.084 -9.000 -9.000 -999. 58. 13.1 0.0360 0.37 1.00 1.31 110.0 10.0 288.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 8 2 214 24 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0370 0.37 1.00 1.06 27.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 8 3 215 1 -4.2 0.086 -9.000 -9.000 -999. 61. 13.6 0.0440 0.37 1.00 1.30 338.0 10.0 285.9 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 8 3 215 2 -2.0 0.064 -9.000 -9.000 -999. 38. 11.8 0.0320 0.37 1.00 0.84 288.0 10.0 285.4 2.0 0

0.00 92. 1009. 0 ADJ-A1 NoSubs
19 8 3 215 3 -2.4 0.068 -9.000 -9.000 -999. 43. 11.7 0.0360 0.37 1.00 0.96 254.0 10.0 285.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 3 215 4 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0360 0.37 1.00 0.91 247.0 10.0 285.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 3 215 5 -4.2 0.085 -9.000 -9.000 -999. 59. 13.2 0.0360 0.37 1.00 1.33 264.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 3 215 6 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0320 0.37 0.63 1.20 285.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 3 215 7 1.5 0.084 0.125 0.026 47. 58. -35.8 0.0370 0.37 0.32 1.06 21.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 8 3 215 8 11.0 0.095 0.321 0.028 108. 70. -6.9 0.0360 0.37 0.22 1.03 106.0 10.0 287.5 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 8 3 215 9 19.9 0.147 0.460 0.030 176. 135. -14.3 0.0420 0.37 0.18 1.67 174.0 10.0 289.9 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 8 3 215 10 111.3 0.220 1.027 0.033 350. 248. -8.6 0.0280 0.37 0.17 2.59 196.0 10.0 293.1 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 8 3 215 11 131.4 0.270 1.146 0.032 413. 337. -13.5 0.0280 0.37 0.17 3.32 193.0 10.0 294.9 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 8 3 215 12 142.7 0.318 1.200 0.029 436. 429. -20.2 0.0280 0.37 0.17 4.05 205.0 10.0 296.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 8 3 215 13 144.8 0.351 1.220 0.019 451. 500. -26.9 0.0280 0.37 0.17 4.58 209.0 10.0 297.0 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
19 8 3 215 14 137.7 0.326 1.211 0.025 465. 447. -22.6 0.0280 0.37 0.17 4.19 195.0 10.0 295.9 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
19 8 3 215 15 121.6 0.337 1.172 0.023 476. 470. -28.3 0.0280 0.37 0.17 4.41 184.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
19 8 3 215 16 96.9 0.359 1.093 0.018 485. 517. -43.0 0.0280 0.37 0.18 4.83 182.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
19 8 3 215 17 68.4 0.355 0.978 0.019 491. 507. -58.7 0.0420 0.37 0.20 4.49 176.0 10.0 291.4 2.0 0
0.00 75. 1008. 3 ADJ-A1 NoSubs
19 8 3 215 18 29.0 0.304 0.735 0.020 493. 404. -87.5 0.0420 0.37 0.26 3.93 156.0 10.0 290.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 8 3 215 19 -6.5 0.263 -9.000 -9.000 -999. 325. 251.8 0.0420 0.37 0.45 3.69 158.0 10.0 289.2 2.0 0
0.00 83. 1008. 3 ADJ-A1 NoSubs
19 8 3 215 20 -16.6 0.173 -9.000 -9.000 -999. 176. 33.1 0.0420 0.37 1.00 2.55 151.0 10.0 288.1 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 8 3 215 21 -11.2 0.141 -9.000 -9.000 -999. 127. 22.5 0.0390 0.37 1.00 2.13 147.0 10.0 288.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 3 215 22 -3.8 0.081 -9.000 -9.000 -999. 56. 12.7 0.0360 0.37 1.00 1.26 119.0 10.0 288.8 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 3 215 23 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0340 0.37 1.00 1.53 84.0 10.0 288.1 2.0 0
0.00 89. 1009. 7 ADJ-A1 NoSubs
19 8 3 215 24 -2.8 0.072 -9.000 -9.000 -999. 46. 11.8 0.0370 0.37 1.00 1.06 16.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
19 8 4 216 1 -4.2 0.084 -9.000 -9.000 -999. 59. 13.0 0.0320 0.37 1.00 1.35 287.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 4 216 2 -1.6 0.061 -9.000 -9.000 -999. 36. 12.9 0.0360 0.37 1.00 0.70 257.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 4 216 3 -1.8 0.063 -9.000 -9.000 -999. 38. 12.4 0.0380 0.37 1.00 0.77 310.0 10.0 287.0 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 4 216 4 -2.4 0.067 -9.000 -9.000 -999. 42. 11.6 0.0340 0.37 1.00 0.96 66.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
19 8 4 216 5 -5.3 0.095 -9.000 -9.000 -999. 71. 14.8 0.0390 0.37 1.00 1.48 133.0 10.0 286.4 2.0 0

0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 4 216 6 -8.6 0.124 -9.000 -9.000 -999. 104. 19.9 0.0390 0.37 0.64 1.89 138.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 4 216 7 1.5 0.125 0.146 0.012 75. 107. -119.2 0.0360 0.37 0.32 1.69 94.0 10.0 287.0 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 8 4 216 8 11.0 0.126 0.386 0.017 188. 108. -16.5 0.0390 0.37 0.22 1.48 127.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 8 4 216 9 20.0 0.129 0.539 0.026 282. 111. -9.7 0.0390 0.37 0.18 1.43 146.0 10.0 290.4 2.0 0
0.00 77. 1010. 10 ADJ-A1 NoSubs
19 8 4 216 10 113.2 0.206 1.152 0.033 487. 224. -6.9 0.0420 0.37 0.17 2.16 163.0 10.0 292.5 2.0 0
0.00 70. 1010. 3 ADJ-A1 NoSubs
19 8 4 216 11 131.3 0.222 1.234 0.031 516. 251. -7.5 0.0420 0.37 0.17 2.35 175.0 10.0 295.4 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 8 4 216 12 142.1 0.319 1.290 0.029 545. 432. -20.5 0.0450 0.37 0.17 3.69 216.0 10.0 295.4 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 8 4 216 13 144.3 0.313 1.319 0.027 573. 421. -19.2 0.0280 0.37 0.17 3.98 200.0 10.0 296.4 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 8 4 216 14 138.1 0.287 1.324 0.025 605. 369. -15.4 0.0280 0.37 0.17 3.57 186.0 10.0 298.1 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
19 8 4 216 15 121.7 0.342 1.291 0.023 636. 481. -29.7 0.0420 0.37 0.17 4.15 173.0 10.0 296.4 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 8 4 216 16 97.5 0.334 1.214 0.022 660. 463. -34.4 0.0420 0.37 0.18 4.09 167.0 10.0 295.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
19 8 4 216 17 66.0 0.345 1.071 0.022 670. 487. -56.1 0.0420 0.37 0.20 4.36 174.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
19 8 4 216 18 29.3 0.300 0.819 0.021 673. 395. -82.6 0.0420 0.37 0.26 3.86 162.0 10.0 293.8 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
19 8 4 216 19 -12.4 0.288 -9.000 -9.000 -999. 371. 173.1 0.0420 0.37 0.45 4.07 158.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 8 4 216 20 -21.8 0.224 -9.000 -9.000 -999. 256. 55.2 0.0420 0.37 1.00 3.25 157.0 10.0 289.9 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 8 4 216 21 -6.5 0.107 -9.000 -9.000 -999. 92. 16.8 0.0390 0.37 1.00 1.65 122.0 10.0 289.9 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 8 4 216 22 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.37 1.00 0.97 318.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 4 216 23 -4.5 0.088 -9.000 -9.000 -999. 63. 13.8 0.0370 0.37 1.00 1.38 43.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 8 4 216 24 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.37 1.00 1.11 8.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 8 5 217 1 -5.7 0.099 -9.000 -9.000 -999. 74. 15.2 0.0360 0.37 1.00 1.55 249.0 10.0 285.9 2.0 0
0.00 92. 1010. 7 ADJ-A1 NoSubs
19 8 5 217 2 -3.8 0.083 -9.000 -9.000 -999. 57. 13.2 0.0450 0.37 1.00 1.23 213.0 10.0 287.0 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 5 217 3 -3.1 0.073 -9.000 -9.000 -999. 48. 11.5 0.0280 0.37 1.00 1.16 197.0 10.0 287.0 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 5 217 4 -3.9 0.082 -9.000 -9.000 -999. 57. 12.9 0.0390 0.37 1.00 1.26 143.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 5 217 5 -6.9 0.109 -9.000 -9.000 -999. 87. 17.0 0.0360 0.37 1.00 1.71 105.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 8 5 217 6 -3.4 0.078 -9.000 -9.000 -999. 52. 12.3 0.0340 0.37 0.65 1.21 70.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 8 5 217 7 1.4 0.069 0.176 0.012 141. 43. -21.2 0.0320 0.37 0.32 0.86 296.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 8 5 217 8 10.8 0.093 0.398 0.012 209. 68. -6.6 0.0320 0.37 0.22 1.03 294.0 10.0 287.5 2.0 0

0.00 93. 1011. 10 ADJ-A1 NoSubs
19 8 5 217 9 19.5 0.122 0.525 0.015 267. 102. -8.3 0.0390 0.37 0.18 1.33 139.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 8 5 217 10 26.6 0.127 0.625 0.026 331. 108. -6.9 0.0420 0.37 0.17 1.33 170.0 10.0 289.9 2.0 0
0.00 80. 1011. 10 ADJ-A1 NoSubs
19 8 5 217 11 31.8 0.167 0.703 0.034 394. 165. -13.3 0.0420 0.37 0.17 1.89 155.0 10.0 290.9 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
19 8 5 217 12 114.7 0.235 1.187 0.035 525. 273. -10.2 0.0280 0.37 0.17 2.81 182.0 10.0 292.5 2.0 0
0.00 70. 1011. 7 ADJ-A1 NoSubs
19 8 5 217 13 144.9 0.269 1.305 0.033 554. 336. -12.2 0.0280 0.37 0.17 3.28 200.0 10.0 292.5 2.0 0
0.00 70. 1010. 3 ADJ-A1 NoSubs
19 8 5 217 14 136.3 0.257 1.299 0.031 580. 312. -11.2 0.0280 0.37 0.17 3.10 207.0 10.0 293.1 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 8 5 217 15 120.3 0.323 1.262 0.029 601. 440. -25.2 0.0280 0.37 0.17 4.19 202.0 10.0 292.5 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
19 8 5 217 16 95.9 0.342 1.201 0.028 650. 479. -37.4 0.0450 0.37 0.18 4.15 211.0 10.0 291.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 8 5 217 17 67.0 0.278 1.084 0.028 685. 353. -28.8 0.0280 0.37 0.20 3.64 198.0 10.0 289.2 2.0 0
0.00 80. 1009. 3 ADJ-A1 NoSubs
19 8 5 217 18 5.7 0.217 0.479 0.028 686. 243. -159.2 0.0280 0.37 0.26 3.08 189.0 10.0 288.1 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 8 5 217 19 -11.7 0.189 -9.000 -9.000 -999. 198. 52.1 0.0420 0.37 0.46 2.74 171.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 5 217 20 -12.3 0.148 -9.000 -9.000 -999. 137. 24.1 0.0390 0.37 1.00 2.23 148.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 8 5 217 21 -13.1 0.153 -9.000 -9.000 -999. 143. 25.7 0.0360 0.37 1.00 2.33 112.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 5 217 22 -12.8 0.151 -9.000 -9.000 -999. 140. 25.0 0.0360 0.37 1.00 2.30 106.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 5 217 23 -6.2 0.103 -9.000 -9.000 -999. 80. 16.0 0.0360 0.37 1.00 1.62 91.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 5 217 24 -3.9 0.082 -9.000 -9.000 -999. 57. 12.9 0.0360 0.37 1.00 1.28 104.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 6 218 1 -4.1 0.084 -9.000 -9.000 -999. 58. 13.1 0.0360 0.37 1.00 1.31 117.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 8 6 218 2 -5.1 0.094 -9.000 -9.000 -999. 69. 14.6 0.0360 0.37 1.00 1.48 118.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 8 6 218 3 -8.4 0.121 -9.000 -9.000 -999. 101. 18.9 0.0360 0.37 1.00 1.88 96.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 8 6 218 4 -5.8 0.100 -9.000 -9.000 -999. 76. 15.6 0.0390 0.37 1.00 1.55 135.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 8 6 218 5 -7.4 0.113 -9.000 -9.000 -999. 92. 17.7 0.0360 0.37 1.00 1.77 109.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 8 6 218 6 -4.1 0.085 -9.000 -9.000 -999. 59. 13.4 0.0360 0.37 0.66 1.33 99.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 6 218 7 1.3 0.082 0.152 0.025 98. 56. -38.2 0.0360 0.37 0.32 1.04 113.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 6 218 8 10.8 0.089 0.380 0.028 181. 64. -5.9 0.0380 0.37 0.22 0.94 305.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 6 218 9 19.3 -9.000 -9.000 -9.000 263. -999. -99999.0 0.0373 0.37 0.18 999.00 999.0 -9.0 288.1 2.0
0 0.00 86. 1009. 10 NAD NoSubs
19 8 6 218 10 26.4 -9.000 -9.000 -9.000 345. -999. -99999.0 0.0373 0.37 0.17 999.00 999.0 -9.0 289.2 2.0
0 0.00 83. 1010. 10 NAD NoSubs
19 8 6 218 11 63.5 0.181 0.877 0.036 382. 184. -8.4 0.0280 0.37 0.17 2.12 207.0 10.0 289.9 2.0 0

0.00 80. 1009. 9 ADJ-A1 Sub_CC
19 8 6 218 12 114.5 0.233 1.098 0.034 416. 270. -9.9 0.0280 0.37 0.17 2.78 197.0 10.0 292.5 2.0 0
0.00 67. 1009. 7 ADJ-A1 NoSubs
19 8 6 218 13 144.7 0.318 1.254 0.033 491. 430. -20.0 0.0280 0.37 0.17 4.05 209.0 10.0 293.1 2.0 0
0.00 64. 1009. 3 ADJ-A1 NoSubs
19 8 6 218 14 136.0 0.367 1.240 0.023 505. 533. -32.6 0.0450 0.37 0.17 4.41 223.0 10.0 293.1 2.0 0
0.00 64. 1009. 0 ADJ-A1 NoSubs
19 8 6 218 15 119.9 0.357 1.195 0.029 512. 512. -34.1 0.0450 0.37 0.17 4.31 217.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 8 6 218 16 79.0 0.338 1.042 0.028 516. 472. -44.0 0.0450 0.37 0.18 4.15 221.0 10.0 290.4 2.0 0
0.00 75. 1008. 7 ADJ-A1 NoSubs
19 8 6 218 17 14.7 0.230 0.596 0.028 516. 271. -74.3 0.0450 0.37 0.20 2.91 228.0 10.0 288.1 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 8 6 218 18 5.5 0.220 0.429 0.028 516. 247. -173.5 0.0280 0.37 0.26 3.13 193.0 10.0 287.5 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 8 6 218 19 -11.8 0.186 -9.000 -9.000 -999. 192. 48.6 0.0420 0.37 0.46 2.69 162.0 10.0 287.5 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 8 6 218 20 -18.2 0.186 -9.000 -9.000 -999. 192. 38.0 0.0390 0.37 1.00 2.76 128.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 8 6 218 21 -18.2 0.185 -9.000 -9.000 -999. 191. 37.7 0.0360 0.37 1.00 2.79 111.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 6 218 22 -17.2 0.175 -9.000 -9.000 -999. 176. 33.6 0.0340 0.37 1.00 2.67 81.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 6 218 23 -14.8 0.162 -9.000 -9.000 -999. 157. 29.0 0.0340 0.37 1.00 2.49 83.0 10.0 288.1 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 6 218 24 -6.3 0.104 -9.000 -9.000 -999. 81. 16.1 0.0340 0.37 1.00 1.65 60.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 7 219 1 -6.6 0.107 -9.000 -9.000 -999. 84. 16.7 0.0390 0.37 1.00 1.65 124.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 7 219 2 -3.9 0.082 -9.000 -9.000 -999. 57. 12.9 0.0360 0.37 1.00 1.28 91.0 10.0 287.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 7 219 3 -5.6 0.098 -9.000 -9.000 -999. 73. 15.0 0.0340 0.37 1.00 1.55 72.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 7 219 4 -7.2 0.111 -9.000 -9.000 -999. 89. 17.3 0.0340 0.37 1.00 1.76 64.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 8 7 219 5 -9.4 0.128 -9.000 -9.000 -999. 110. 20.1 0.0360 0.37 1.00 1.98 99.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 7 219 6 -6.2 0.103 -9.000 -9.000 -999. 80. 16.2 0.0340 0.37 0.66 1.64 62.0 10.0 287.0 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 7 219 7 1.2 0.084 0.168 0.022 145. 58. -45.2 0.0360 0.37 0.33 1.08 116.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 7 219 8 10.6 0.092 0.412 0.030 236. 67. -6.6 0.0340 0.37 0.22 1.01 88.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 8 7 219 9 19.2 0.106 0.569 0.033 344. 83. -5.6 0.0420 0.37 0.18 1.08 151.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 8 7 219 10 26.2 0.154 0.691 0.035 452. 146. -12.6 0.0390 0.37 0.17 1.76 125.0 10.0 288.8 2.0 0
0.00 83. 1010. 10 ADJ-A1 NoSubs
19 8 7 219 11 31.5 0.154 0.754 0.035 491. 145. -10.4 0.0390 0.37 0.17 1.72 148.0 10.0 290.4 2.0 0
0.00 75. 1010. 10 ADJ-A1 NoSubs
19 8 7 219 12 114.4 0.246 1.181 0.033 518. 292. -11.7 0.0280 0.37 0.17 2.98 180.0 10.0 293.1 2.0 0
0.00 64. 1010. 7 ADJ-A1 NoSubs
19 8 7 219 13 137.8 0.280 1.281 0.031 549. 355. -14.3 0.0280 0.37 0.17 3.46 202.0 10.0 293.8 2.0 0
0.00 62. 1010. 5 ADJ-A1 NoSubs
19 8 7 219 14 136.0 0.277 1.297 0.029 579. 350. -14.1 0.0280 0.37 0.17 3.42 184.0 10.0 294.2 2.0 0

0.00 60. 1009. 0 ADJ-A1 NoSubs
19 8 7 219 15 120.2 0.300 1.256 0.028 593. 394. -20.2 0.0420 0.37 0.17 3.52 156.0 10.0 294.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
19 8 7 219 16 95.6 0.328 1.169 0.027 600. 451. -33.2 0.0390 0.37 0.18 4.07 135.0 10.0 293.8 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
19 8 7 219 17 64.1 0.341 1.026 0.026 605. 478. -55.8 0.0390 0.37 0.20 4.37 132.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 8 7 219 18 27.3 0.280 0.773 0.025 607. 357. -71.9 0.0390 0.37 0.26 3.63 130.0 10.0 292.5 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
19 8 7 219 19 -11.0 0.215 -9.000 -9.000 -999. 241. 81.2 0.0390 0.37 0.47 3.13 122.0 10.0 290.9 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
19 8 7 219 20 -20.0 0.205 -9.000 -9.000 -999. 223. 46.2 0.0360 0.37 1.00 3.07 99.0 10.0 289.2 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 8 7 219 21 -15.1 0.164 -9.000 -9.000 -999. 160. 29.6 0.0360 0.37 1.00 2.49 91.0 10.0 288.8 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 8 7 219 22 -5.3 0.096 -9.000 -9.000 -999. 72. 14.9 0.0370 0.37 1.00 1.50 55.0 10.0 288.1 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 8 7 219 23 -5.4 0.097 -9.000 -9.000 -999. 72. 15.2 0.0440 0.37 1.00 1.47 347.0 10.0 287.0 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 8 7 219 24 -3.8 0.082 -9.000 -9.000 -999. 57. 13.1 0.0440 0.37 1.00 1.23 341.0 10.0 286.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 8 8 220 1 -5.1 0.094 -9.000 -9.000 -999. 70. 14.8 0.0440 0.37 1.00 1.43 337.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 8 220 2 -5.1 0.094 -9.000 -9.000 -999. 70. 14.8 0.0440 0.37 1.00 1.43 341.0 10.0 285.4 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 8 8 220 3 -3.2 0.076 -9.000 -9.000 -999. 50. 12.4 0.0440 0.37 1.00 1.11 346.0 10.0 284.9 2.0 0
0.00 89. 1010. 5 ADJ-A1 NoSubs
19 8 8 220 4 -2.6 0.070 -9.000 -9.000 -999. 45. 12.1 0.0440 0.37 1.00 0.97 351.0 10.0 285.9 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 8 8 220 5 -3.5 0.078 -9.000 -9.000 -999. 53. 12.4 0.0370 0.37 1.00 1.20 50.0 10.0 287.0 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 8 8 220 6 -5.8 0.100 -9.000 -9.000 -999. 76. 15.6 0.0340 0.37 0.67 1.59 80.0 10.0 287.0 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 8 8 220 7 1.2 0.114 0.141 0.005 86. 93. -116.4 0.0360 0.37 0.33 1.54 109.0 10.0 287.5 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 8 8 220 8 10.8 0.110 0.416 0.017 242. 88. -11.3 0.0370 0.37 0.22 1.26 1.0 10.0 288.8 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
19 8 8 220 9 68.4 0.142 0.960 0.026 467. 128. -3.8 0.0420 0.37 0.18 1.37 166.0 10.0 290.4 2.0 0
0.00 69. 1011. 7 ADJ-A1 NoSubs
19 8 8 220 10 112.0 0.181 1.221 0.027 587. 185. -4.8 0.0390 0.37 0.17 1.84 138.0 10.0 292.5 2.0 0
0.00 62. 1011. 3 ADJ-A1 NoSubs
19 8 8 220 11 129.8 0.284 1.329 0.026 652. 364. -15.9 0.0280 0.37 0.17 3.55 184.0 10.0 294.2 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 8 8 220 12 140.6 0.325 1.381 0.025 676. 444. -21.9 0.0450 0.37 0.17 3.78 219.0 10.0 294.2 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
19 8 8 220 13 143.0 0.287 1.397 0.023 688. 369. -14.9 0.0280 0.37 0.17 3.56 191.0 10.0 295.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 8 8 220 14 136.6 0.228 1.384 0.022 700. 263. -7.9 0.0280 0.37 0.17 2.66 180.0 10.0 297.5 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
19 8 8 220 15 121.1 0.257 1.337 0.020 710. 313. -12.6 0.0280 0.37 0.17 3.14 189.0 10.0 299.2 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 8 8 220 16 96.7 0.318 1.244 0.019 718. 430. -29.9 0.0450 0.37 0.18 3.80 221.0 10.0 298.8 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 8 8 220 17 65.2 0.191 1.094 0.019 723. 210. -9.6 0.0280 0.37 0.20 2.27 209.0 10.0 298.8 2.0 0

0.00 42. 1008. 0 ADJ-A1 NoSubs
19 8 8 220 18 27.7 0.209 0.823 0.019 724. 230. -29.8 0.0360 0.37 0.26 2.62 241.0 10.0 295.9 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
19 8 8 220 19 -10.9 0.208 -9.000 -9.000 -999. 227. 74.1 0.0340 0.37 0.48 3.10 85.0 10.0 292.5 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 8 8 220 20 -14.8 0.162 -9.000 -9.000 -999. 157. 29.0 0.0340 0.37 1.00 2.49 75.0 10.0 290.9 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 8 8 220 21 -14.4 0.159 -9.000 -9.000 -999. 152. 27.7 0.0280 0.37 1.00 2.52 184.0 10.0 288.1 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 8 8 220 22 -4.1 0.084 -9.000 -9.000 -999. 60. 13.1 0.0340 0.37 1.00 1.33 67.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 8 8 220 23 -3.1 0.075 -9.000 -9.000 -999. 49. 12.1 0.0370 0.37 1.00 1.13 13.0 10.0 288.8 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 8 8 220 24 -5.4 0.097 -9.000 -9.000 -999. 72. 15.2 0.0440 0.37 1.00 1.47 348.0 10.0 287.5 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 1 -5.8 0.100 -9.000 -9.000 -999. 76. 15.7 0.0440 0.37 1.00 1.52 346.0 10.0 284.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 2 -7.4 0.114 -9.000 -9.000 -999. 93. 18.1 0.0440 0.37 1.00 1.72 349.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 3 -9.4 0.129 -9.000 -9.000 -999. 112. 20.6 0.0440 0.37 1.00 1.93 336.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 4 -8.3 0.121 -9.000 -9.000 -999. 101. 19.1 0.0440 0.37 1.00 1.81 340.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 5 -5.8 0.100 -9.000 -9.000 -999. 76. 15.8 0.0440 0.37 1.00 1.52 334.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 6 -6.4 0.106 -9.000 -9.000 -999. 82. 16.6 0.0380 0.37 0.68 1.64 313.0 10.0 285.9 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 7 9.3 0.106 0.429 0.014 304. 83. -11.5 0.0370 0.37 0.33 1.21 7.0 10.0 288.8 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 8 9 221 8 47.3 0.135 0.754 0.013 326. 120. -4.7 0.0360 0.37 0.22 1.40 93.0 10.0 290.9 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 8 9 221 9 82.3 0.163 0.939 0.011 362. 158. -4.7 0.0390 0.37 0.18 1.65 141.0 10.0 294.9 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
19 8 9 221 10 110.2 0.203 1.135 0.010 477. 219. -6.8 0.0280 0.37 0.17 2.32 207.0 10.0 295.9 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
19 8 9 221 11 130.7 0.217 1.297 0.015 602. 242. -7.0 0.0280 0.37 0.17 2.49 194.0 10.0 298.1 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
19 8 9 221 12 141.9 0.321 1.410 0.015 713. 437. -21.1 0.0450 0.37 0.17 3.73 222.0 10.0 299.2 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 13 143.4 0.334 1.441 0.015 752. 463. -23.4 0.0360 0.37 0.17 4.10 253.0 10.0 298.1 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 14 136.2 0.333 1.433 0.014 779. 461. -24.4 0.0360 0.37 0.17 4.10 246.0 10.0 297.5 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
19 8 9 221 15 120.4 0.291 1.409 0.013 837. 378. -18.4 0.0450 0.37 0.17 3.34 230.0 10.0 298.1 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
19 8 9 221 16 95.5 0.266 1.356 0.014 939. 329. -17.7 0.0280 0.37 0.18 3.35 201.0 10.0 296.4 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
19 8 9 221 17 63.5 0.232 1.206 0.014 993. 269. -17.8 0.0280 0.37 0.20 2.93 194.0 10.0 294.9 2.0 0
0.00 60. 1008. 0 ADJ-A1 NoSubs
19 8 9 221 18 26.2 0.245 0.898 0.014 995. 291. -50.6 0.0420 0.37 0.27 3.08 153.0 10.0 292.5 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 8 9 221 19 -12.6 0.222 -9.000 -9.000 -999. 251. 77.9 0.0390 0.37 0.48 3.23 138.0 10.0 290.4 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 8 9 221 20 -21.0 0.216 -9.000 -9.000 -999. 241. 51.4 0.0360 0.37 1.00 3.23 118.0 10.0 290.4 2.0 0

0.00 83. 1009. 10 ADJ-A1 NoSubs
19 8 9 221 21 -21.1 0.217 -9.000 -9.000 -999. 243. 51.9 0.0390 0.37 1.00 3.20 127.0 10.0 290.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 8 9 221 22 -15.9 0.169 -9.000 -9.000 -999. 167. 31.4 0.0360 0.37 1.00 2.56 108.0 10.0 290.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 8 9 221 23 -12.7 0.152 -9.000 -9.000 -999. 142. 25.3 0.0420 0.37 1.00 2.25 155.0 10.0 290.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 9 221 24 -4.7 0.090 -9.000 -9.000 -999. 66. 14.2 0.0390 0.37 1.00 1.40 147.0 10.0 290.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 10 222 1 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0340 0.37 1.00 1.40 80.0 10.0 290.9 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 8 10 222 2 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0340 0.37 1.00 1.43 66.0 10.0 290.9 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 8 10 222 3 -4.1 0.084 -9.000 -9.000 -999. 59. 13.1 0.0340 0.37 1.00 1.33 67.0 10.0 290.9 2.0 0
0.00 83. 1008. 10 ADJ-A1 NoSubs
19 8 10 222 4 -2.5 0.069 -9.000 -9.000 -999. 43. 11.7 0.0360 0.37 1.00 0.99 263.0 10.0 290.4 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 10 222 5 -3.0 0.074 -9.000 -9.000 -999. 48. 11.9 0.0360 0.37 1.00 1.11 262.0 10.0 290.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 8 10 222 6 -3.8 0.082 -9.000 -9.000 -999. 56. 13.0 0.0380 0.37 0.69 1.26 325.0 10.0 289.9 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 10 222 7 1.5 0.099 0.139 0.005 64. 75. -57.7 0.0380 0.37 0.33 1.28 316.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 8 10 222 8 41.7 0.115 0.688 0.005 280. 94. -3.3 0.0370 0.37 0.22 1.13 22.0 10.0 292.0 2.0 0
0.00 77. 1010. 7 ADJ-A1 NoSubs
19 8 10 222 9 82.0 0.156 1.028 0.006 478. 148. -4.2 0.0390 0.37 0.19 1.55 147.0 10.0 294.9 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 8 10 222 10 110.3 0.188 1.262 0.008 657. 195. -5.4 0.0390 0.37 0.17 1.94 139.0 10.0 297.0 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
19 8 10 222 11 130.3 0.361 1.397 0.009 754. 520. -32.5 0.0450 0.37 0.17 4.34 226.0 10.0 298.1 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
19 8 10 222 12 140.5 0.446 1.506 0.010 877. 714. -56.7 0.0360 0.37 0.17 5.80 263.0 10.0 295.9 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
19 8 10 222 13 142.5 0.396 1.582 0.011 1001. 601. -39.3 0.0360 0.37 0.17 5.05 269.0 10.0 296.4 2.0 0
0.00 61. 1010. 0 ADJ-A1 NoSubs
19 8 10 222 14 135.4 0.361 1.581 0.010 1053. 522. -31.3 0.0360 0.37 0.17 4.53 252.0 10.0 295.9 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
19 8 10 222 15 119.6 0.401 1.536 0.009 1093. 609. -48.5 0.0360 0.37 0.17 5.17 259.0 10.0 297.0 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
19 8 10 222 16 95.3 0.378 1.438 0.008 1124. 558. -51.0 0.0320 0.37 0.18 5.00 277.0 10.0 297.5 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
19 8 10 222 17 63.6 0.337 1.264 0.008 1143. 471. -54.3 0.0320 0.37 0.20 4.48 270.0 10.0 297.0 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 8 10 222 18 26.3 0.233 0.944 0.008 1149. 275. -43.1 0.0280 0.37 0.27 3.13 195.0 10.0 295.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 8 10 222 19 -14.0 0.239 -9.000 -9.000 -999. 280. 87.9 0.0390 0.37 0.49 3.47 147.0 10.0 291.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
19 8 10 222 20 -21.8 0.224 -9.000 -9.000 -999. 254. 55.0 0.0390 0.37 1.00 3.29 142.0 10.0 289.9 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 8 10 222 21 -14.3 0.160 -9.000 -9.000 -999. 155. 28.2 0.0390 0.37 1.00 2.40 144.0 10.0 289.2 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 8 10 222 22 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0360 0.37 1.00 1.54 117.0 10.0 289.2 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 8 10 222 23 -9.1 0.127 -9.000 -9.000 -999. 108. 20.2 0.0420 0.37 1.00 1.91 154.0 10.0 288.1 2.0 0

0.00 89. 1011. 0 ADJ-A1 NoSubs
19 8 10 222 24 -5.2 0.095 -9.000 -9.000 -999. 70. 14.8 0.0390 0.37 1.00 1.47 147.0 10.0 288.8 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 8 11 223 1 -4.1 0.084 -9.000 -9.000 -999. 59. 13.2 0.0370 0.37 1.00 1.31 22.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 8 11 223 2 -3.5 0.078 -9.000 -9.000 -999. 52. 12.4 0.0360 0.37 1.00 1.20 111.0 10.0 288.1 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
19 8 11 223 3 -4.1 0.085 -9.000 -9.000 -999. 60. 13.5 0.0440 0.37 1.00 1.28 331.0 10.0 288.1 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 8 11 223 4 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0370 0.37 1.00 1.11 1.0 10.0 287.5 2.0 0
0.00 93. 1011. 10 ADJ-A1 NoSubs
19 8 11 223 5 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0370 0.37 1.00 1.21 9.0 10.0 287.0 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 8 11 223 6 -3.7 0.080 -9.000 -9.000 -999. 54. 12.7 0.0380 0.37 0.69 1.23 327.0 10.0 285.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 8 11 223 7 8.1 0.081 0.381 0.016 246. 55. -5.9 0.0360 0.37 0.33 0.86 248.0 10.0 287.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 8 11 223 8 46.3 0.123 0.818 0.016 426. 103. -3.6 0.0450 0.37 0.22 1.16 214.0 10.0 290.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
19 8 11 223 9 81.5 0.161 1.034 0.015 490. 155. -4.6 0.0420 0.37 0.19 1.60 164.0 10.0 294.2 2.0 0
0.00 63. 1012. 0 ADJ-A1 NoSubs
19 8 11 223 10 109.9 0.195 1.185 0.013 547. 206. -6.1 0.0280 0.37 0.17 2.20 198.0 10.0 297.0 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
19 8 11 223 11 129.8 0.322 1.272 0.011 573. 440. -23.3 0.0450 0.37 0.17 3.78 220.0 10.0 297.5 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
19 8 11 223 12 140.7 0.334 1.328 0.010 601. 464. -24.0 0.0450 0.37 0.17 3.93 224.0 10.0 297.5 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
19 8 11 223 13 142.7 0.321 1.353 0.008 627. 438. -21.0 0.0450 0.37 0.17 3.73 236.0 10.0 298.1 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
19 8 11 223 14 135.3 0.336 1.347 0.006 651. 468. -25.3 0.0450 0.37 0.17 3.97 215.0 10.0 297.0 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
19 8 11 223 15 119.0 0.266 1.304 0.005 671. 332. -14.3 0.0280 0.37 0.17 3.29 195.0 10.0 296.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
19 8 11 223 16 94.2 0.295 1.226 0.005 705. 384. -24.5 0.0420 0.37 0.18 3.52 170.0 10.0 295.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 8 11 223 17 62.7 0.264 1.084 0.005 732. 326. -26.4 0.0420 0.37 0.20 3.17 161.0 10.0 295.9 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
19 8 11 223 18 25.7 0.233 0.809 0.005 742. 271. -44.6 0.0420 0.37 0.27 2.91 166.0 10.0 295.4 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
19 8 11 223 19 -10.1 0.169 -9.000 -9.000 -999. 167. 42.5 0.0450 0.37 0.49 2.42 217.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 8 11 223 20 -13.0 0.154 -9.000 -9.000 -999. 145. 26.0 0.0450 0.37 1.00 2.25 216.0 10.0 291.4 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 8 11 223 21 -7.6 0.114 -9.000 -9.000 -999. 93. 17.6 0.0280 0.37 1.00 1.86 195.0 10.0 290.9 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
19 8 11 223 22 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.37 1.00 1.03 308.0 10.0 289.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 8 11 223 23 -2.8 0.072 -9.000 -9.000 -999. 46. 12.0 0.0420 0.37 1.00 1.03 179.0 10.0 289.2 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 8 11 223 24 -6.1 0.104 -9.000 -9.000 -999. 80. 16.4 0.0440 0.37 1.00 1.57 355.0 10.0 288.8 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 1 -7.8 0.117 -9.000 -9.000 -999. 96. 18.6 0.0440 0.37 1.00 1.76 352.0 10.0 288.1 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 2 -8.1 0.119 -9.000 -9.000 -999. 99. 19.0 0.0440 0.37 1.00 1.79 333.0 10.0 288.1 2.0 0

0.00 83. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 3 -4.8 0.090 -9.000 -9.000 -999. 65. 13.8 0.0320 0.37 1.00 1.45 274.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 4 -2.2 0.065 -9.000 -9.000 -999. 40. 11.6 0.0320 0.37 1.00 0.91 288.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 5 -3.8 0.082 -9.000 -9.000 -999. 57. 13.1 0.0440 0.37 1.00 1.23 358.0 10.0 285.9 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 6 -1.8 0.064 -9.000 -9.000 -999. 39. 12.6 0.0440 0.37 0.70 0.77 343.0 10.0 285.9 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 8 12 224 7 8.1 0.100 0.306 0.021 127. 76. -11.1 0.0370 0.37 0.34 1.14 24.0 10.0 289.2 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
19 8 12 224 8 46.3 0.108 0.685 0.022 250. 85. -2.4 0.0390 0.37 0.22 0.99 126.0 10.0 292.0 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
19 8 12 224 9 81.3 0.172 0.877 0.020 299. 172. -5.7 0.0420 0.37 0.19 1.76 165.0 10.0 294.9 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
19 8 12 224 10 109.7 0.187 1.026 0.018 355. 194. -5.4 0.0280 0.37 0.17 2.08 180.0 10.0 297.5 2.0 0
0.00 51. 1011. 0 ADJ-A1 NoSubs
19 8 12 224 11 130.7 0.220 1.144 0.016 414. 247. -7.3 0.0420 0.37 0.17 2.32 177.0 10.0 300.9 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 12 141.9 0.302 1.229 0.013 472. 397. -17.4 0.0450 0.37 0.17 3.44 215.0 10.0 302.0 2.0 0
0.00 35. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 13 143.7 0.351 1.279 0.011 524. 500. -27.2 0.0450 0.37 0.17 4.17 216.0 10.0 302.0 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
19 8 12 224 14 136.2 0.346 1.290 0.009 568. 488. -27.3 0.0280 0.37 0.17 4.51 209.0 10.0 300.9 2.0 0
0.00 36. 1009. 0 ADJ-A1 NoSubs
19 8 12 224 15 119.8 0.298 1.262 0.007 604. 392. -19.9 0.0280 0.37 0.17 3.80 197.0 10.0 300.4 2.0 0
0.00 37. 1009. 0 ADJ-A1 NoSubs
19 8 12 224 16 94.0 0.317 1.179 0.006 628. 428. -30.5 0.0420 0.37 0.18 3.85 173.0 10.0 296.4 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
19 8 12 224 17 61.3 0.305 1.030 0.005 642. 404. -41.5 0.0280 0.37 0.20 4.09 180.0 10.0 293.1 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
19 8 12 224 18 24.5 0.274 0.761 0.005 648. 344. -75.4 0.0420 0.37 0.27 3.51 170.0 10.0 293.1 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
19 8 12 224 19 -15.4 0.242 -9.000 -9.000 -999. 286. 83.0 0.0420 0.37 0.50 3.47 155.0 10.0 291.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 8 12 224 20 -20.0 0.206 -9.000 -9.000 -999. 225. 46.7 0.0420 0.37 1.00 3.00 155.0 10.0 290.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 8 12 224 21 -12.2 0.148 -9.000 -9.000 -999. 137. 24.1 0.0390 0.37 1.00 2.23 149.0 10.0 290.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 22 -6.1 0.103 -9.000 -9.000 -999. 80. 16.2 0.0390 0.37 1.00 1.60 131.0 10.0 290.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 23 -5.1 0.094 -9.000 -9.000 -999. 69. 14.6 0.0360 0.37 1.00 1.48 119.0 10.0 289.9 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 8 12 224 24 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0370 0.37 1.00 1.14 27.0 10.0 288.8 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 1 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0440 0.37 1.00 1.26 342.0 10.0 287.5 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 2 -5.5 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.37 1.00 1.52 305.0 10.0 285.9 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 3 -3.6 0.079 -9.000 -9.000 -999. 53. 12.3 0.0320 0.37 1.00 1.25 288.0 10.0 287.0 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 4 -3.2 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.37 1.00 1.14 256.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 8 13 225 5 -3.0 0.074 -9.000 -9.000 -999. 48. 12.3 0.0450 0.37 1.00 1.06 231.0 10.0 284.9 2.0 0

0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 13 225 6 -2.1 0.066 -9.000 -9.000 -999. 41. 12.3 0.0450 0.37 0.71 0.84 230.0 10.0 285.9 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 13 225 7 0.4 0.071 0.050 0.020 10. 46. -77.7 0.0370 0.37 0.34 0.94 48.0 10.0 286.4 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 8 13 225 8 47.0 0.094 0.668 0.022 228. 70. -1.6 0.0340 0.37 0.22 0.84 86.0 10.0 288.1 2.0 0
0.00 89. 1010. 5 ADJ-A1 NoSubs
19 8 13 225 9 80.6 0.152 0.863 0.026 287. 143. -3.9 0.0420 0.37 0.19 1.48 169.0 10.0 293.8 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 8 13 225 10 109.2 0.204 1.008 0.025 338. 222. -7.0 0.0420 0.37 0.17 2.15 170.0 10.0 297.0 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 8 13 225 11 129.6 0.245 1.103 0.023 373. 291. -10.2 0.0280 0.37 0.17 2.93 204.0 10.0 298.8 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
19 8 13 225 12 140.6 0.321 1.157 0.017 397. 437. -21.2 0.0450 0.37 0.17 3.73 215.0 10.0 299.2 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
19 8 13 225 13 142.7 0.344 1.184 0.015 419. 485. -25.8 0.0450 0.37 0.17 4.07 210.0 10.0 300.4 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 14 135.2 0.327 1.217 0.015 481. 449. -23.3 0.0280 0.37 0.17 4.22 203.0 10.0 299.2 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 15 118.6 0.317 1.320 0.014 697. 429. -24.2 0.0280 0.37 0.17 4.10 188.0 10.0 298.1 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 16 93.3 0.332 1.228 0.013 715. 459. -35.3 0.0280 0.37 0.18 4.41 180.0 10.0 295.9 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 17 60.9 0.283 1.068 0.012 720. 362. -33.3 0.0280 0.37 0.20 3.74 189.0 10.0 293.8 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
19 8 13 225 18 23.5 0.258 0.779 0.012 721. 314. -65.3 0.0280 0.37 0.27 3.54 188.0 10.0 292.0 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 8 13 225 19 -13.2 0.198 -9.000 -9.000 -999. 213. 53.0 0.0280 0.37 0.51 3.08 185.0 10.0 290.4 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 8 13 225 20 -17.1 0.176 -9.000 -9.000 -999. 178. 34.2 0.0420 0.37 1.00 2.59 171.0 10.0 289.2 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 21 -4.0 0.084 -9.000 -9.000 -999. 62. 13.1 0.0360 0.37 1.00 1.31 118.0 10.0 289.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 22 -1.7 0.061 -9.000 -9.000 -999. 36. 12.3 0.0320 0.37 1.00 0.75 298.0 10.0 288.8 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 23 -3.7 0.081 -9.000 -9.000 -999. 55. 13.0 0.0440 0.37 1.00 1.21 333.0 10.0 288.8 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 13 225 24 -1.7 0.062 -9.000 -9.000 -999. 37. 12.6 0.0380 0.37 1.00 0.74 325.0 10.0 287.5 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 1 -3.8 0.081 -9.000 -9.000 -999. 55. 12.5 0.0320 0.37 1.00 1.28 296.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 2 -2.4 0.069 -9.000 -9.000 -999. 43. 12.1 0.0440 0.37 1.00 0.94 352.0 10.0 287.5 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 3 -2.2 0.066 -9.000 -9.000 -999. 41. 11.9 0.0380 0.37 1.00 0.89 327.0 10.0 287.0 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 4 -2.3 0.068 -9.000 -9.000 -999. 43. 12.1 0.0440 0.37 1.00 0.91 347.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 5 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0380 0.37 1.00 1.18 329.0 10.0 285.9 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 6 -4.0 0.084 -9.000 -9.000 -999. 58. 13.3 0.0440 0.37 0.72 1.26 344.0 10.0 286.4 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 7 7.4 0.083 0.214 0.031 48. 58. -7.1 0.0440 0.37 0.34 0.87 354.0 10.0 289.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 8 45.8 0.100 0.540 0.028 123. 76. -2.0 0.0390 0.37 0.22 0.89 137.0 10.0 293.1 2.0 0

0.00 60. 1010. 0 ADJ-A1 NoSubs
19 8 14 226 9 81.7 0.145 0.763 0.023 196. 133. -3.4 0.0420 0.37 0.19 1.38 168.0 10.0 298.8 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
19 8 14 226 10 110.0 0.190 0.918 0.019 253. 198. -5.6 0.0420 0.37 0.18 1.93 171.0 10.0 300.4 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 8 14 226 11 130.6 0.241 1.025 0.015 297. 283. -9.6 0.0280 0.37 0.17 2.86 186.0 10.0 302.5 2.0 0
0.00 36. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 12 141.9 0.264 1.116 0.011 353. 325. -11.7 0.0280 0.37 0.17 3.20 204.0 10.0 303.8 2.0 0
0.00 31. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 13 143.4 0.365 1.185 0.005 418. 529. -30.5 0.0450 0.37 0.17 4.37 211.0 10.0 303.1 2.0 0
0.00 34. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 14 135.6 0.367 1.193 0.005 450. 533. -32.7 0.0450 0.37 0.17 4.41 216.0 10.0 301.4 2.0 0
0.00 37. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 15 118.9 0.349 1.172 0.005 487. 496. -32.3 0.0450 0.37 0.17 4.20 214.0 10.0 300.4 2.0 0
0.00 41. 1008. 0 ADJ-A1 NoSubs
19 8 14 226 16 93.8 0.296 1.117 0.005 535. 387. -24.7 0.0280 0.37 0.18 3.83 203.0 10.0 299.2 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
19 8 14 226 17 61.1 0.333 0.983 0.005 559. 461. -54.3 0.0280 0.37 0.20 4.53 202.0 10.0 296.4 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
19 8 14 226 18 23.4 0.244 0.717 0.005 566. 292. -55.5 0.0280 0.37 0.28 3.32 186.0 10.0 294.2 2.0 0
0.00 65. 1008. 0 ADJ-A1 NoSubs
19 8 14 226 19 -13.9 0.201 -9.000 -9.000 -999. 217. 52.8 0.0280 0.37 0.52 3.13 200.0 10.0 290.4 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 20 -9.3 0.129 -9.000 -9.000 -999. 112. 20.6 0.0450 0.37 1.00 1.91 211.0 10.0 289.2 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 21 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0360 0.37 1.00 1.30 240.0 10.0 289.2 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 22 -1.7 0.061 -9.000 -9.000 -999. 36. 12.3 0.0320 0.37 1.00 0.75 287.0 10.0 289.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 23 -2.7 0.071 -9.000 -9.000 -999. 46. 11.9 0.0380 0.37 1.00 1.04 328.0 10.0 289.9 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 8 14 226 24 -3.7 0.081 -9.000 -9.000 -999. 55. 13.0 0.0440 0.37 1.00 1.21 348.0 10.0 289.2 2.0 0
0.00 83. 1009. 0 ADJ-A1 Sub_CC
19 8 15 227 1 -2.4 0.068 -9.000 -9.000 -999. 43. 12.1 0.0440 0.37 1.00 0.92 345.0 10.0 288.8 2.0 0
0.00 83. 1008. 0 ADJ-A1 Sub_CC
19 8 15 227 2 -2.0 0.064 -9.000 -9.000 -999. 39. 11.7 0.0320 0.37 1.00 0.86 279.0 10.0 288.8 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 8 15 227 3 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0360 0.37 1.00 0.86 263.0 10.0 287.5 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 8 15 227 4 -2.9 0.072 -9.000 -9.000 -999. 46. 11.4 0.0280 0.37 1.00 1.13 193.0 10.0 287.0 2.0 0
0.00 89. 1009. 0 ADJ-A1 NoSubs
19 8 15 227 5 -2.2 0.066 -9.000 -9.000 -999. 41. 11.8 0.0370 0.37 1.00 0.91 11.0 10.0 287.0 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 15 227 6 -3.3 0.077 -9.000 -9.000 -999. 51. 12.5 0.0440 0.37 0.73 1.13 350.0 10.0 287.0 2.0 0
0.00 89. 1009. 5 ADJ-A1 NoSubs
19 8 15 227 7 7.1 0.121 0.228 0.027 60. 102. -22.9 0.0440 0.37 0.34 1.43 345.0 10.0 290.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 8 15 227 8 45.6 0.103 0.503 0.028 100. 79. -2.1 0.0450 0.37 0.22 0.89 238.0 10.0 294.2 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
19 8 15 227 9 81.1 0.151 0.712 0.022 160. 141. -3.9 0.0360 0.37 0.19 1.52 243.0 10.0 298.1 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
19 8 15 227 10 110.3 0.180 0.878 0.018 221. 183. -4.7 0.0420 0.37 0.18 1.79 173.0 10.0 302.0 2.0 0
0.00 36. 1008. 0 ADJ-A1 NoSubs
19 8 15 227 11 130.5 0.259 1.008 0.011 282. 317. -12.0 0.0280 0.37 0.17 3.15 192.0 10.0 303.1 2.0 0

0.00 37. 1008. 0 ADJ-A1 NoSubs
19 8 15 227 12 141.3 0.338 1.146 0.008 383. 471. -24.5 0.0280 0.37 0.17 4.37 206.0 10.0 303.1 2.0 0
0.00 37. 1008. 0 ADJ-A1 NoSubs
19 8 15 227 13 141.8 0.401 1.228 0.005 470. 609. -40.9 0.0450 0.37 0.17 4.90 213.0 10.0 299.9 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
19 8 15 227 14 134.8 0.352 1.236 0.007 503. 503. -29.1 0.0450 0.37 0.17 4.20 227.0 10.0 300.4 2.0 0
0.00 43. 1007. 0 ADJ-A1 NoSubs
19 8 15 227 15 118.3 0.355 1.204 0.005 530. 509. -34.1 0.0450 0.37 0.17 4.29 217.0 10.0 299.9 2.0 0
0.00 42. 1007. 0 ADJ-A1 NoSubs
19 8 15 227 16 93.3 0.330 1.126 0.005 551. 455. -34.4 0.0450 0.37 0.18 3.98 230.0 10.0 299.2 2.0 0
0.00 43. 1007. 0 ADJ-A1 NoSubs
19 8 15 227 17 61.3 0.285 1.096 0.007 771. 366. -33.9 0.0450 0.37 0.20 3.44 237.0 10.0 299.2 2.0 0
0.00 40. 1006. 0 ADJ-A1 NoSubs
19 8 15 227 18 23.0 0.242 0.801 0.007 800. 287. -55.3 0.0280 0.37 0.28 3.30 206.0 10.0 295.4 2.0 0
0.00 60. 1006. 0 ADJ-A1 NoSubs
19 8 15 227 19 -12.4 0.175 -9.000 -9.000 -999. 177. 38.8 0.0280 0.37 0.52 2.74 200.0 10.0 290.9 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
19 8 15 227 20 -7.8 0.116 -9.000 -9.000 -999. 95. 17.8 0.0280 0.37 1.00 1.88 193.0 10.0 289.9 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 8 15 227 21 -3.7 0.082 -9.000 -9.000 -999. 56. 13.0 0.0420 0.37 1.00 1.23 178.0 10.0 288.8 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
19 8 15 227 22 -5.1 0.095 -9.000 -9.000 -999. 70. 14.9 0.0450 0.37 1.00 1.43 229.0 10.0 288.1 2.0 0
0.00 93. 1007. 0 ADJ-A1 NoSubs
19 8 15 227 23 -3.7 0.081 -9.000 -9.000 -999. 56. 13.1 0.0450 0.37 1.00 1.21 231.0 10.0 288.8 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
19 8 15 227 24 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.37 1.00 0.92 308.0 10.0 288.1 2.0 0
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19 8 16 228 1 -2.2 0.066 -9.000 -9.000 -999. 41. 11.9 0.0380 0.37 1.00 0.89 316.0 10.0 287.0 2.0 0
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0.30 93. 1006. 10 ADJ-A1 NoSubs
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19 8 17 229 10 25.5 0.326 0.636 0.033 363. 446. -122.1 0.0360 0.37 0.18 4.39 251.0 10.0 289.2 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 8 17 229 11 31.1 0.311 0.702 0.033 399. 417. -87.4 0.0360 0.37 0.17 4.14 255.0 10.0 292.0 2.0 0
0.00 72. 1008. 10 ADJ-A1 NoSubs
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0.00 69. 1008. 10 ADJ-A1 NoSubs
19 8 17 229 13 34.0 0.292 0.762 0.034 467. 379. -65.6 0.0360 0.37 0.17 3.83 255.0 10.0 291.4 2.0 0
0.00 69. 1007. 10 ADJ-A1 NoSubs
19 8 17 229 14 32.5 0.317 0.762 0.034 489. 429. -88.3 0.0360 0.37 0.17 4.22 262.0 10.0 292.5 2.0 0
0.00 62. 1007. 10 ADJ-A1 NoSubs
19 8 17 229 15 28.3 0.353 0.732 0.034 498. 504. -140.0 0.0360 0.37 0.17 4.78 248.0 10.0 292.0 2.0 0
0.00 64. 1006. 10 ADJ-A1 NoSubs
19 8 17 229 16 21.9 0.288 0.675 0.034 504. 373. -98.1 0.0360 0.37 0.18 3.85 248.0 10.0 291.4 2.0 0
0.00 67. 1006. 10 ADJ-A1 NoSubs
19 8 17 229 17 13.6 0.277 0.578 0.033 508. 349. -139.7 0.0450 0.37 0.20 3.59 234.0 10.0 290.4 2.0 0

0.00 72. 1006. 10 ADJ-A1 NoSubs
19 8 17 229 18 4.2 0.277 0.391 0.033 509. 351. -455.8 0.0360 0.37 0.28 3.85 244.0 10.0 289.9 2.0 0
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0.00 77. 1005. 10 ADJ-A1 NoSubs
19 8 17 229 20 -11.4 0.142 -9.000 -9.000 -999. 132. 22.6 0.0360 0.37 1.00 2.18 244.0 10.0 288.8 2.0 0
0.00 79. 1006. 10 ADJ-A1 NoSubs
19 8 17 229 21 -7.3 0.113 -9.000 -9.000 -999. 91. 17.6 0.0360 0.37 1.00 1.76 265.0 10.0 289.2 2.0 0
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19 8 18 230 11 31.4 0.330 0.872 0.033 760. 455. -103.1 0.0360 0.37 0.17 4.42 245.0 10.0 293.8 2.0 0
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19 8 18 230 12 33.8 0.355 0.895 0.033 763. 508. -119.3 0.0360 0.37 0.17 4.78 249.0 10.0 292.5 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
19 8 18 230 13 112.7 0.354 1.344 0.032 776. 506. -35.4 0.0360 0.37 0.17 4.48 260.0 10.0 292.5 2.0 0
0.00 67. 1008. 7 ADJ-A1 NoSubs
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19 8 18 230 15 94.3 0.384 1.270 0.030 781. 572. -54.1 0.0360 0.37 0.17 4.99 265.0 10.0 293.1 2.0 0
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19 8 18 230 16 74.7 0.351 1.176 0.030 783. 499. -51.8 0.0360 0.37 0.18 4.54 260.0 10.0 292.5 2.0 0
0.00 70. 1008. 7 ADJ-A1 NoSubs
19 8 18 230 17 13.6 0.312 0.667 0.030 783. 420. -201.6 0.0360 0.37 0.21 4.27 253.0 10.0 290.9 2.0 0
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19 8 18 230 18 4.0 0.236 0.444 0.030 783. 277. -293.4 0.0450 0.37 0.29 3.12 239.0 10.0 289.9 2.0 0
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0.30 89. 1009. 10 ADJ-A1 NoSubs
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0.00 86. 1010. 10 ADJ-A1 NoSubs
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19 8 19 231 13 33.8 0.296 0.812 0.022 571. 387. -69.2 0.0450 0.37 0.17 3.73 232.0 10.0 291.4 2.0 0
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19 8 19 231 14 32.1 0.312 0.818 0.023 614. 418. -85.0 0.0360 0.37 0.17 4.14 246.0 10.0 292.0 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
19 8 19 231 15 28.0 0.302 0.796 0.023 649. 399. -88.8 0.0360 0.37 0.17 4.02 253.0 10.0 292.0 2.0 0
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19 8 19 231 16 21.6 0.261 0.740 0.024 675. 321. -74.2 0.0450 0.37 0.18 3.30 236.0 10.0 291.4 2.0 0
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19 8 19 231 21 -17.2 0.176 -9.000 -9.000 -999. 177. 34.1 0.0360 0.37 1.00 2.66 96.0 10.0 289.9 2.0 0
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0.00 86. 1011. 10 ADJ-A1 NoSubs
19 8 20 232 8 9.6 0.145 0.543 0.025 599. 133. -28.7 0.0440 0.37 0.23 1.74 330.0 10.0 289.2 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 8 20 232 9 18.6 0.118 0.741 0.028 787. 98. -8.0 0.0440 0.37 0.19 1.25 356.0 10.0 290.9 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
19 8 20 232 10 26.0 0.164 0.831 0.028 796. 160. -15.4 0.0420 0.37 0.18 1.88 150.0 10.0 292.5 2.0 0
0.00 67. 1012. 10 ADJ-A1 NoSubs
19 8 20 232 11 122.2 0.238 1.400 0.027 812. 278. -9.9 0.0450 0.37 0.17 2.56 219.0 10.0 294.9 2.0 0
0.00 60. 1011. 5 ADJ-A1 NoSubs
19 8 20 232 12 136.7 0.333 1.461 0.025 824. 460. -24.2 0.0450 0.37 0.17 3.91 228.0 10.0 295.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 8 20 232 13 138.6 0.317 1.476 0.024 837. 429. -20.8 0.0450 0.37 0.17 3.68 216.0 10.0 296.4 2.0 0
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19 8 20 232 14 131.5 0.257 1.457 0.023 849. 315. -11.7 0.0280 0.37 0.17 3.12 188.0 10.0 297.5 2.0 0
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19 8 20 232 15 114.7 0.252 1.397 0.022 857. 304. -12.6 0.0280 0.37 0.17 3.08 190.0 10.0 297.0 2.0 0
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19 8 21 233 13 139.3 0.322 1.261 0.018 517. 438. -21.5 0.0450 0.37 0.17 3.74 214.0 10.0 299.9 2.0 0
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19 8 21 233 14 131.8 0.300 1.270 0.016 559. 395. -18.4 0.0280 0.37 0.17 3.80 197.0 10.0 299.9 2.0 0
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19 8 21 233 15 114.5 0.311 1.236 0.015 593. 417. -23.7 0.0280 0.37 0.17 4.02 182.0 10.0 298.1 2.0 0
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19 8 21 233 16 89.7 0.273 1.157 0.013 620. 342. -20.3 0.0420 0.37 0.18 3.20 176.0 10.0 299.2 2.0 0
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19 8 21 233 17 56.7 0.242 1.001 0.013 634. 287. -22.6 0.0280 0.37 0.21 3.12 184.0 10.0 297.5 2.0 0
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19 8 22 234 13 138.1 0.323 1.303 0.016 574. 441. -21.9 0.0280 0.37 0.17 4.15 196.0 10.0 297.5 2.0 0
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19 8 22 234 14 130.7 0.353 1.345 0.016 667. 502. -30.0 0.0280 0.37 0.17 4.63 194.0 10.0 298.1 2.0 0
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19 8 22 234 15 113.6 0.333 1.327 0.016 736. 462. -29.1 0.0280 0.37 0.17 4.37 188.0 10.0 297.0 2.0 0
0.00 61. 1002. 0 ADJ-A1 NoSubs
19 8 22 234 16 87.2 0.374 1.234 0.016 770. 549. -53.6 0.0420 0.37 0.18 4.71 169.0 10.0 293.1 2.0 0
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19 8 22 234 17 54.7 0.368 1.064 0.016 788. 535. -81.2 0.0420 0.37 0.21 4.73 155.0 10.0 293.1 2.0 0
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19 8 22 234 18 20.3 0.331 0.767 0.016 792. 458. -159.4 0.0420 0.37 0.30 4.37 155.0 10.0 291.4 2.0 0
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19 8 22 234 24 -3.6 0.080 -9.000 -9.000 -999. 54. 12.6 0.0370 0.37 1.00 1.23 22.0 10.0 288.1 2.0 0
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19 8 23 235 6 -18.4 0.188 -9.000 -9.000 -999. 196. 39.0 0.0280 0.37 1.00 2.96 201.0 10.0 287.5 2.0 0
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19 8 23 235 14 125.0 0.443 1.106 0.005 389. 709. -62.2 0.0320 0.37 0.17 5.92 270.0 10.0 293.8 2.0 0
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19 8 23 235 15 114.5 0.461 1.087 0.005 402. 750. -76.7 0.0360 0.37 0.17 6.09 261.0 10.0 294.2 2.0 0
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19 8 23 235 16 21.4 0.339 0.623 0.007 404. 484. -163.5 0.0320 0.37 0.18 4.71 272.0 10.0 293.1 2.0 0
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19 8 23 235 17 53.8 0.373 0.851 0.005 410. 546. -86.1 0.0360 0.37 0.21 4.95 265.0 10.0 292.5 2.0 0
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19 8 24 236 9 78.8 0.163 0.988 0.030 440. 157. -4.9 0.0450 0.37 0.19 1.60 234.0 10.0 293.1 2.0 0
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19 8 24 236 14 128.4 0.373 1.236 0.018 530. 547. -36.4 0.0360 0.37 0.17 4.73 258.0 10.0 293.8 2.0 0
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19 8 24 236 15 111.5 0.340 1.185 0.020 538. 477. -31.7 0.0360 0.37 0.17 4.27 244.0 10.0 293.8 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
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0.00 69. 1009. 0 ADJ-A1 NoSubs
19 8 24 236 17 53.0 0.268 0.931 0.018 547. 333. -32.6 0.0360 0.37 0.21 3.37 245.0 10.0 292.5 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 8 24 236 18 15.2 0.252 0.614 0.018 548. 305. -95.5 0.0360 0.37 0.30 3.37 240.0 10.0 290.9 2.0 0
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19 8 24 236 19 -15.1 0.170 -9.000 -9.000 -999. 170. 31.6 0.0360 0.37 0.61 2.56 249.0 10.0 289.2 2.0 0
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19 8 24 236 22 -2.4 0.068 -9.000 -9.000 -999. 43. 11.8 0.0380 0.37 1.00 0.96 303.0 10.0 289.2 2.0 0
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19 8 24 236 23 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0320 0.37 1.00 1.08 282.0 10.0 289.2 2.0 0
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19 8 24 236 24 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.37 1.00 0.97 301.0 10.0 289.2 2.0 0
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19 8 25 237 1 -3.0 0.073 -9.000 -9.000 -999. 48. 11.7 0.0320 0.37 1.00 1.13 299.0 10.0 289.2 2.0 0
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19 8 25 237 2 -5.1 0.093 -9.000 -9.000 -999. 68. 14.3 0.0320 0.37 1.00 1.50 286.0 10.0 288.8 2.0 0
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19 8 25 237 3 -4.3 0.086 -9.000 -9.000 -999. 60. 13.2 0.0320 0.37 1.00 1.37 292.0 10.0 288.8 2.0 0
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19 8 25 237 4 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.37 1.00 1.25 326.0 10.0 288.8 2.0 0
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19 8 25 237 5 -3.4 0.078 -9.000 -9.000 -999. 53. 12.7 0.0440 0.37 1.00 1.16 359.0 10.0 288.8 2.0 0
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19 8 25 237 6 -2.5 0.070 -9.000 -9.000 -999. 44. 12.1 0.0440 0.37 1.00 0.96 336.0 10.0 288.8 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 8 25 237 7 -0.8 0.075 -9.000 -9.000 -999. 49. 49.2 0.0320 0.37 0.37 1.14 273.0 10.0 288.8 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 8 25 237 8 9.1 0.095 0.302 0.029 110. 70. -8.5 0.0390 0.37 0.23 1.04 128.0 10.0 289.2 2.0 0
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19 8 25 237 9 18.4 0.108 0.434 0.030 160. 86. -6.2 0.0280 0.37 0.19 1.23 206.0 10.0 292.0 2.0 0
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19 8 25 237 10 104.2 0.189 0.902 0.027 254. 198. -5.9 0.0420 0.37 0.18 1.94 164.0 10.0 295.4 2.0 0
0.00 65. 1011. 0 ADJ-A1 NoSubs
19 8 25 237 11 124.3 0.266 1.013 0.022 301. 330. -13.7 0.0420 0.37 0.17 3.01 179.0 10.0 296.4 2.0 0
0.00 61. 1010. 0 ADJ-A1 NoSubs
19 8 25 237 12 135.1 0.373 1.090 0.008 345. 547. -34.7 0.0450 0.37 0.17 4.51 211.0 10.0 297.0 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
19 8 25 237 13 136.5 0.343 1.133 0.012 384. 482. -26.5 0.0280 0.37 0.17 4.46 209.0 10.0 297.0 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
19 8 25 237 14 128.3 0.358 1.143 0.010 419. 515. -32.3 0.0450 0.37 0.17 4.31 227.0 10.0 295.4 2.0 0

0.00 60. 1010. 0 ADJ-A1 NoSubs
19 8 25 237 15 111.0 0.342 1.114 0.012 449. 481. -32.6 0.0450 0.37 0.17 4.12 229.0 10.0 294.2 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 8 25 237 16 85.1 0.339 1.035 0.013 469. 474. -41.4 0.0450 0.37 0.18 4.15 224.0 10.0 292.5 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 8 25 237 17 52.0 0.306 0.886 0.012 481. 406. -49.4 0.0450 0.37 0.21 3.78 226.0 10.0 291.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
19 8 25 237 18 15.8 0.237 0.597 0.012 484. 279. -75.7 0.0450 0.37 0.31 3.00 217.0 10.0 289.2 2.0 0
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19 8 25 237 19 -12.3 0.151 -9.000 -9.000 -999. 144. 25.2 0.0450 0.37 0.62 2.21 238.0 10.0 288.1 2.0 0
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19 8 25 237 20 -5.3 0.096 -9.000 -9.000 -999. 72. 14.9 0.0360 0.37 1.00 1.51 255.0 10.0 288.1 2.0 0
0.00 93. 1009. 10 ADJ-A1 Sub_CC
19 8 25 237 21 -3.2 0.076 -9.000 -9.000 -999. 51. 12.5 0.0450 0.37 1.00 1.11 211.0 10.0 288.1 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
19 8 25 237 22 -2.3 0.068 -9.000 -9.000 -999. 43. 12.1 0.0450 0.37 1.00 0.91 219.0 10.0 288.1 2.0 0
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19 8 25 237 23 -2.2 0.066 -9.000 -9.000 -999. 40. 11.8 0.0370 0.37 1.00 0.89 51.0 10.0 288.8 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 25 237 24 -3.1 0.075 -9.000 -9.000 -999. 49. 12.1 0.0370 0.37 1.00 1.13 32.0 10.0 288.8 2.0 0
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19 8 26 238 1 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0370 0.37 1.00 0.87 47.0 10.0 288.8 2.0 0
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19 8 26 238 2 -2.7 0.071 -9.000 -9.000 -999. 45. 12.0 0.0420 0.37 1.00 1.01 179.0 10.0 288.1 2.0 0
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19 8 26 238 3 -2.3 0.067 -9.000 -9.000 -999. 42. 12.0 0.0420 0.37 1.00 0.91 171.0 10.0 288.1 2.0 0
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19 8 26 238 5 -1.6 0.061 -9.000 -9.000 -999. 37. 12.8 0.0370 0.37 1.00 0.72 51.0 10.0 288.1 2.0 0
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19 8 26 238 6 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0370 0.37 1.00 0.86 14.0 10.0 288.1 2.0 0
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19 8 26 238 7 -1.3 0.078 -9.000 -9.000 -999. 52. 31.7 0.0390 0.37 0.37 1.16 142.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
19 8 26 238 8 43.0 0.109 0.557 0.031 144. 87. -2.7 0.0280 0.37 0.23 1.11 189.0 10.0 290.4 2.0 0
0.00 80. 1008. 3 ADJ-A1 NoSubs
19 8 26 238 9 75.1 0.175 0.708 0.026 170. 175. -6.4 0.0420 0.37 0.19 1.81 157.0 10.0 292.5 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 8 26 238 10 103.8 0.197 0.886 0.023 241. 210. -6.7 0.0420 0.37 0.18 2.06 167.0 10.0 295.4 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
19 8 26 238 11 123.7 0.274 1.044 0.021 331. 344. -14.9 0.0280 0.37 0.17 3.40 191.0 10.0 295.9 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
19 8 26 238 12 135.2 0.283 1.131 0.020 385. 362. -15.1 0.0280 0.37 0.17 3.52 203.0 10.0 298.8 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
19 8 26 238 13 136.4 0.377 1.165 0.012 416. 555. -35.3 0.0450 0.37 0.17 4.56 212.0 10.0 298.1 2.0 0
0.00 47. 1007. 0 ADJ-A1 NoSubs
19 8 26 238 14 127.9 0.372 1.166 0.013 445. 545. -36.2 0.0450 0.37 0.17 4.51 210.0 10.0 295.9 2.0 0
0.00 52. 1006. 0 ADJ-A1 NoSubs
19 8 26 238 15 110.7 0.354 1.133 0.014 471. 506. -36.0 0.0450 0.37 0.17 4.29 211.0 10.0 295.4 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
19 8 26 238 16 84.7 0.334 1.049 0.015 490. 463. -39.4 0.0450 0.37 0.18 4.07 216.0 10.0 293.8 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
19 8 26 238 17 51.2 0.311 0.894 0.014 500. 417. -52.7 0.0450 0.37 0.21 3.86 212.0 10.0 291.4 2.0 0

0.00 72. 1006. 0 ADJ-A1 NoSubs
19 8 26 238 18 16.8 0.253 0.618 0.014 502. 307. -86.3 0.0280 0.37 0.31 3.52 207.0 10.0 289.9 2.0 0
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19 8 26 238 19 -14.2 0.163 -9.000 -9.000 -999. 161. 29.1 0.0450 0.37 0.63 2.37 215.0 10.0 288.1 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 8 26 238 20 -9.2 0.126 -9.000 -9.000 -999. 107. 19.4 0.0280 0.37 1.00 2.03 208.0 10.0 288.1 2.0 0
0.00 93. 1006. 10 ADJ-A1 NoSubs
19 8 26 238 21 -4.0 0.084 -9.000 -9.000 -999. 58. 13.1 0.0360 0.37 1.00 1.31 110.0 10.0 288.8 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 8 26 238 22 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0360 0.37 1.00 1.13 101.0 10.0 288.8 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 8 26 238 23 -2.0 0.064 -9.000 -9.000 -999. 39. 11.8 0.0340 0.37 1.00 0.86 81.0 10.0 288.1 2.0 0
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19 8 26 238 24 -2.1 0.065 -9.000 -9.000 -999. 40. 11.7 0.0340 0.37 1.00 0.89 78.0 10.0 288.8 2.0 0
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19 8 27 239 1 -2.1 0.065 -9.000 -9.000 -999. 40. 11.9 0.0370 0.37 1.00 0.87 24.0 10.0 288.8 2.0 0
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19 8 27 239 2 -2.3 0.067 -9.000 -9.000 -999. 42. 11.7 0.0370 0.37 1.00 0.94 47.0 10.0 287.5 2.0 0
0.00 93. 1005. 10 ADJ-A1 NoSubs
19 8 27 239 3 -2.4 0.068 -9.000 -9.000 -999. 42. 11.6 0.0340 0.37 1.00 0.97 89.0 10.0 287.5 2.0 0
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0.00 92. 1005. 10 ADJ-A1 NoSubs
19 8 27 239 6 -1.8 0.062 -9.000 -9.000 -999. 37. 12.4 0.0360 0.37 1.00 0.77 261.0 10.0 287.5 2.0 0
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19 8 27 239 7 -1.4 0.073 -9.000 -9.000 -999. 47. 25.1 0.0320 0.37 0.38 1.13 282.0 10.0 287.0 2.0 0
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19 8 27 239 8 8.7 0.100 0.285 0.033 95. 76. -10.4 0.0450 0.37 0.23 1.09 234.0 10.0 288.8 2.0 0
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19 8 27 239 9 74.6 0.163 0.754 0.032 206. 158. -5.2 0.0280 0.37 0.19 1.81 189.0 10.0 292.0 2.0 0
0.00 69. 1006. 0 ADJ-A1 NoSubs
19 8 27 239 10 103.2 0.222 0.885 0.029 241. 252. -9.5 0.0280 0.37 0.18 2.64 187.0 10.0 294.9 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
19 8 27 239 11 123.1 0.304 1.014 0.024 304. 402. -20.4 0.0280 0.37 0.17 3.88 208.0 10.0 295.4 2.0 0
0.00 56. 1006. 0 ADJ-A1 NoSubs
19 8 27 239 12 134.0 0.332 1.086 0.020 343. 458. -24.4 0.0450 0.37 0.17 3.90 231.0 10.0 296.4 2.0 0
0.00 52. 1005. 0 ADJ-A1 NoSubs
19 8 27 239 13 135.3 0.294 1.128 0.025 380. 384. -16.9 0.0360 0.37 0.17 3.51 258.0 10.0 296.4 2.0 0
0.00 54. 1005. 0 ADJ-A1 NoSubs
19 8 27 239 14 126.8 0.351 1.134 0.016 412. 498. -30.4 0.0360 0.37 0.17 4.39 255.0 10.0 294.2 2.0 0
0.00 65. 1005. 0 ADJ-A1 NoSubs
19 8 27 239 15 109.7 0.334 1.104 0.019 440. 465. -30.6 0.0360 0.37 0.17 4.19 251.0 10.0 294.2 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
19 8 27 239 16 83.8 0.345 1.023 0.017 459. 487. -44.0 0.0450 0.37 0.18 4.24 239.0 10.0 293.1 2.0 0
0.00 72. 1005. 0 ADJ-A1 NoSubs
19 8 27 239 17 11.9 0.271 0.535 0.019 460. 342. -150.5 0.0360 0.37 0.21 3.68 252.0 10.0 290.9 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
19 8 27 239 18 2.2 0.198 0.307 0.019 459. 214. -311.6 0.0360 0.37 0.32 2.74 255.0 10.0 289.9 2.0 0
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19 8 27 239 19 -10.4 0.137 -9.000 -9.000 -999. 123. 22.3 0.0360 0.37 0.65 2.11 268.0 10.0 289.9 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
19 8 27 239 20 -6.9 0.110 -9.000 -9.000 -999. 88. 17.2 0.0360 0.37 1.00 1.72 250.0 10.0 289.2 2.0 0

0.00 89. 1006. 10 ADJ-A1 NoSubs
19 8 27 239 21 -9.4 0.130 -9.000 -9.000 -999. 113. 20.9 0.0450 0.37 1.00 1.93 211.0 10.0 288.8 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 8 27 239 22 -7.2 0.113 -9.000 -9.000 -999. 91. 17.9 0.0450 0.37 1.00 1.69 238.0 10.0 288.8 2.0 0
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19 8 27 239 23 -8.1 0.120 -9.000 -9.000 -999. 100. 19.1 0.0450 0.37 1.00 1.79 230.0 10.0 288.8 2.0 0
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19 8 27 239 24 -8.9 0.126 -9.000 -9.000 -999. 107. 20.1 0.0450 0.37 1.00 1.87 221.0 10.0 288.1 2.0 0
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19 8 28 240 1 -9.8 0.130 -9.000 -9.000 -999. 113. 20.2 0.0280 0.37 1.00 2.10 186.0 10.0 288.1 2.0 0
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19 8 28 240 2 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0280 0.37 1.00 1.84 205.0 10.0 288.1 2.0 0
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19 8 28 240 3 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0280 0.37 1.00 1.47 196.0 10.0 288.1 2.0 0
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19 8 28 240 4 -6.1 0.102 -9.000 -9.000 -999. 78. 15.5 0.0280 0.37 1.00 1.67 198.0 10.0 287.5 2.0 0
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19 8 28 240 5 -8.8 0.123 -9.000 -9.000 -999. 103. 18.9 0.0280 0.37 1.00 1.99 188.0 10.0 287.5 2.0 0
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19 8 28 240 6 -10.9 0.139 -9.000 -9.000 -999. 125. 22.3 0.0420 0.37 1.00 2.08 169.0 10.0 287.5 2.0 0
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19 8 28 240 7 -2.5 0.118 -9.000 -9.000 -999. 98. 59.6 0.0450 0.37 0.38 1.69 213.0 10.0 287.5 2.0 0
0.00 96. 1008. 10 ADJ-A1 NoSubs
19 8 28 240 8 8.6 0.114 0.335 0.029 157. 92. -15.3 0.0420 0.37 0.23 1.30 163.0 10.0 288.8 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 8 28 240 9 17.4 0.112 0.511 0.032 276. 90. -7.3 0.0280 0.37 0.19 1.30 199.0 10.0 289.2 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 8 28 240 10 25.0 0.187 0.625 0.034 350. 194. -23.6 0.0360 0.37 0.18 2.30 254.0 10.0 292.0 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
19 8 28 240 11 100.1 0.282 1.062 0.035 431. 360. -20.2 0.0360 0.37 0.17 3.42 258.0 10.0 293.8 2.0 0
0.00 67. 1010. 7 ADJ-A1 NoSubs
19 8 28 240 12 128.7 0.306 1.201 0.033 485. 407. -20.1 0.0360 0.37 0.17 3.71 250.0 10.0 294.2 2.0 0
0.00 65. 1010. 5 ADJ-A1 NoSubs
19 8 28 240 13 136.2 0.371 1.236 0.023 499. 542. -33.8 0.0360 0.37 0.17 4.68 247.0 10.0 294.2 2.0 0
0.00 65. 1010. 3 ADJ-A1 NoSubs
19 8 28 240 14 128.4 0.375 1.220 0.021 510. 551. -37.0 0.0360 0.37 0.17 4.76 251.0 10.0 294.2 2.0 0
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19 8 28 240 15 106.5 0.379 1.153 0.020 519. 559. -45.9 0.0360 0.37 0.17 4.87 261.0 10.0 293.8 2.0 0
0.00 67. 1009. 5 ADJ-A1 NoSubs
19 8 28 240 16 69.7 0.323 1.005 0.026 524. 443. -43.6 0.0320 0.37 0.18 4.24 270.0 10.0 293.1 2.0 0
0.00 72. 1009. 7 ADJ-A1 NoSubs
19 8 28 240 17 11.9 0.271 0.559 0.026 525. 340. -150.4 0.0360 0.37 0.22 3.68 254.0 10.0 292.0 2.0 0
0.00 77. 1009. 10 ADJ-A1 NoSubs
19 8 28 240 18 2.3 0.189 0.322 0.026 525. 200. -266.6 0.0320 0.37 0.32 2.66 274.0 10.0 290.9 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 8 28 240 19 -14.3 0.161 -9.000 -9.000 -999. 155. 28.4 0.0320 0.37 0.66 2.49 270.0 10.0 290.4 2.0 0
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0.00 83. 1010. 10 ADJ-A1 NoSubs
19 8 28 240 21 -4.7 0.090 -9.000 -9.000 -999. 65. 14.1 0.0360 0.37 1.00 1.42 244.0 10.0 290.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 8 28 240 22 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0370 0.37 1.00 1.21 36.0 10.0 290.9 2.0 0
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19 8 28 240 23 -6.7 0.108 -9.000 -9.000 -999. 85. 17.0 0.0390 0.37 1.00 1.67 122.0 10.0 290.9 2.0 0

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19 8 29 241 1 -2.3 0.068 -9.000 -9.000 -999. 42. 12.0 0.0420 0.37 1.00 0.92 157.0 10.0 290.9 2.0 0
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19 8 29 241 3 -3.4 0.078 -9.000 -9.000 -999. 53. 12.7 0.0440 0.37 1.00 1.16 357.0 10.0 290.4 2.0 0
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19 8 29 241 4 -7.0 0.110 -9.000 -9.000 -999. 87. 17.2 0.0360 0.37 1.00 1.72 258.0 10.0 290.4 2.0 0
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19 8 29 241 5 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0340 0.37 1.00 1.50 68.0 10.0 290.4 2.0 0
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19 8 29 241 6 -2.5 0.069 -9.000 -9.000 -999. 43. 11.6 0.0340 0.37 1.00 1.01 63.0 10.0 290.4 2.0 0
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19 8 29 241 7 -0.6 0.076 -9.000 -9.000 -999. 50. 71.8 0.0390 0.37 0.38 1.11 141.0 10.0 291.4 2.0 0
0.00 84. 1011. 10 ADJ-A1 NoSubs
19 8 29 241 8 9.2 0.141 0.514 0.023 529. 128. -27.6 0.0360 0.37 0.23 1.76 112.0 10.0 292.0 2.0 0
0.00 77. 1012. 10 ADJ-A1 NoSubs
19 8 29 241 9 18.1 0.141 0.654 0.024 558. 128. -14.1 0.0370 0.37 0.19 1.65 54.0 10.0 292.5 2.0 0
0.00 75. 1012. 10 ADJ-A1 NoSubs
19 8 29 241 10 25.4 0.113 0.748 0.024 595. 91. -5.2 0.0340 0.37 0.18 1.20 76.0 10.0 293.8 2.0 0
0.00 69. 1013. 10 ADJ-A1 NoSubs
19 8 29 241 11 30.9 0.141 0.818 0.025 639. 127. -8.1 0.0380 0.37 0.17 1.54 320.0 10.0 295.9 2.0 0
0.00 63. 1012. 10 ADJ-A1 NoSubs
19 8 29 241 12 135.3 0.261 1.457 0.026 826. 320. -11.9 0.0360 0.37 0.17 3.01 268.0 10.0 297.0 2.0 0
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19 8 29 241 13 134.8 0.339 1.460 0.025 834. 473. -26.0 0.0360 0.37 0.17 4.19 249.0 10.0 298.1 2.0 0
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19 8 29 241 14 126.5 0.400 1.433 0.024 840. 606. -45.5 0.0360 0.37 0.17 5.14 256.0 10.0 297.0 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 8 29 241 15 109.1 0.412 1.367 0.023 845. 633. -57.6 0.0360 0.37 0.17 5.36 252.0 10.0 296.4 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
19 8 29 241 16 83.3 0.391 1.252 0.022 849. 586. -64.5 0.0450 0.37 0.18 4.90 231.0 10.0 296.4 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
19 8 29 241 17 49.6 0.259 1.055 0.021 852. 328. -31.7 0.0280 0.37 0.22 3.42 194.0 10.0 294.9 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 8 29 241 18 11.7 0.231 0.652 0.021 852. 266. -94.2 0.0390 0.37 0.32 3.03 148.0 10.0 293.8 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 8 29 241 19 -21.7 0.230 -9.000 -9.000 -999. 264. 58.0 0.0360 0.37 0.67 3.42 117.0 10.0 292.0 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
19 8 29 241 20 -17.6 0.181 -9.000 -9.000 -999. 185. 36.1 0.0360 0.37 1.00 2.73 90.0 10.0 291.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
19 8 29 241 21 -8.4 0.122 -9.000 -9.000 -999. 103. 19.2 0.0370 0.37 1.00 1.88 44.0 10.0 290.9 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 8 29 241 22 -6.8 0.108 -9.000 -9.000 -999. 86. 17.0 0.0370 0.37 1.00 1.69 3.0 10.0 290.4 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 8 29 241 23 -5.7 0.100 -9.000 -9.000 -999. 76. 15.8 0.0440 0.37 1.00 1.52 344.0 10.0 289.2 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 8 29 241 24 -6.8 0.109 -9.000 -9.000 -999. 87. 17.3 0.0440 0.37 1.00 1.65 338.0 10.0 288.8 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 1 -10.5 0.137 -9.000 -9.000 -999. 121. 22.0 0.0440 0.37 1.00 2.03 339.0 10.0 288.1 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 2 -13.0 0.153 -9.000 -9.000 -999. 144. 25.7 0.0440 0.37 1.00 2.25 331.0 10.0 288.1 2.0 0

0.00 89. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 3 -4.9 0.092 -9.000 -9.000 -999. 68. 14.5 0.0440 0.37 1.00 1.40 347.0 10.0 287.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 4 -8.4 0.121 -9.000 -9.000 -999. 102. 19.3 0.0440 0.37 1.00 1.82 338.0 10.0 287.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 5 -9.0 0.126 -9.000 -9.000 -999. 108. 20.2 0.0440 0.37 1.00 1.89 338.0 10.0 287.0 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 6 -10.5 0.137 -9.000 -9.000 -999. 121. 21.9 0.0440 0.37 1.00 2.03 338.0 10.0 287.0 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 7 0.2 0.091 0.024 0.007 3. 66. -339.7 0.0370 0.37 0.39 1.25 32.0 10.0 288.8 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
19 8 30 242 8 38.4 0.119 0.685 0.008 301. 99. -4.0 0.0360 0.37 0.24 1.20 101.0 10.0 292.0 2.0 0
0.00 72. 1012. 0 ADJ-A1 NoSubs
19 8 30 242 9 74.1 0.138 0.976 0.011 452. 124. -3.2 0.0390 0.37 0.19 1.33 147.0 10.0 295.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 10 102.6 0.174 1.117 0.015 491. 174. -4.6 0.0390 0.37 0.18 1.76 147.0 10.0 297.0 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 11 122.8 0.300 1.231 0.019 548. 395. -19.9 0.0450 0.37 0.17 3.47 222.0 10.0 298.8 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
19 8 30 242 12 133.1 0.345 1.376 0.026 706. 486. -27.8 0.0450 0.37 0.17 4.10 215.0 10.0 298.1 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
19 8 30 242 13 135.0 0.311 1.460 0.028 831. 416. -20.0 0.0450 0.37 0.17 3.59 221.0 10.0 300.4 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 8 30 242 14 126.8 0.299 1.476 0.027 913. 393. -19.0 0.0280 0.37 0.17 3.80 205.0 10.0 299.9 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
19 8 30 242 15 109.7 0.314 1.418 0.026 936. 421. -25.3 0.0280 0.37 0.18 4.07 195.0 10.0 300.4 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
19 8 30 242 16 83.2 0.320 1.297 0.026 945. 435. -35.5 0.0420 0.37 0.19 3.93 175.0 10.0 298.8 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
19 8 30 242 17 48.9 0.297 1.089 0.025 949. 390. -48.3 0.0390 0.37 0.22 3.78 147.0 10.0 295.4 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
19 8 30 242 18 10.4 0.320 0.651 0.025 949. 434. -281.8 0.0390 0.37 0.33 4.34 147.0 10.0 292.0 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 8 30 242 19 -26.4 0.276 -9.000 -9.000 -999. 349. 83.9 0.0420 0.37 0.69 3.97 152.0 10.0 289.9 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 30 242 20 -24.1 0.246 -9.000 -9.000 -999. 294. 66.8 0.0390 0.37 1.00 3.61 139.0 10.0 289.2 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 30 242 21 -17.5 0.179 -9.000 -9.000 -999. 183. 35.2 0.0390 0.37 1.00 2.66 138.0 10.0 289.2 2.0 0
0.00 86. 1009. 7 ADJ-A1 NoSubs
19 8 30 242 22 -6.8 0.109 -9.000 -9.000 -999. 87. 16.9 0.0360 0.37 1.00 1.70 110.0 10.0 288.8 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 30 242 23 -3.5 0.079 -9.000 -9.000 -999. 53. 12.5 0.0370 0.37 1.00 1.21 35.0 10.0 288.8 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 30 242 24 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0370 0.37 1.00 1.03 2.0 10.0 288.1 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 8 31 243 1 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0380 0.37 1.00 1.43 329.0 10.0 287.0 2.0 0
0.00 92. 1009. 5 ADJ-A1 NoSubs
19 8 31 243 2 -1.6 0.061 -9.000 -9.000 -999. 37. 13.0 0.0380 0.37 1.00 0.70 321.0 10.0 285.4 2.0 0
0.00 92. 1009. 7 ADJ-A1 NoSubs
19 8 31 243 3 -2.4 0.069 -9.000 -9.000 -999. 43. 12.1 0.0440 0.37 1.00 0.94 347.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 31 243 4 -1.7 0.062 -9.000 -9.000 -999. 37. 12.5 0.0360 0.37 1.00 0.75 258.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 8 31 243 5 -2.0 0.064 -9.000 -9.000 -999. 39. 12.0 0.0370 0.37 1.00 0.84 50.0 10.0 287.0 2.0 0

0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 31 243 6 -2.9 0.072 -9.000 -9.000 -999. 47. 11.7 0.0340 0.37 1.00 1.09 65.0 10.0 286.4 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 8 31 243 7 -1.2 0.062 -9.000 -9.000 -999. 37. 17.9 0.0370 0.37 0.39 0.97 46.0 10.0 287.0 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 8 31 243 8 8.0 0.090 0.238 0.022 60. 65. -8.3 0.0420 0.37 0.24 0.97 154.0 10.0 287.5 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 8 31 243 9 17.3 0.132 0.437 0.024 173. 115. -11.9 0.0450 0.37 0.19 1.45 210.0 10.0 290.4 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 8 31 243 10 101.3 0.192 1.028 0.028 386. 202. -6.3 0.0420 0.37 0.18 1.99 171.0 10.0 294.2 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
19 8 31 243 11 121.8 0.228 1.131 0.026 427. 262. -8.8 0.0280 0.37 0.17 2.69 181.0 10.0 297.0 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 8 31 243 12 132.8 0.272 1.193 0.025 460. 341. -13.6 0.0280 0.37 0.17 3.35 204.0 10.0 298.8 2.0 0
0.00 51. 1008. 0 ADJ-A1 NoSubs
19 8 31 243 13 134.1 0.309 1.207 0.022 472. 412. -19.7 0.0280 0.37 0.17 3.93 209.0 10.0 299.2 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
19 8 31 243 14 126.6 0.297 1.194 0.020 483. 388. -18.6 0.0280 0.37 0.17 3.76 205.0 10.0 300.9 2.0 0
0.00 46. 1007. 0 ADJ-A1 NoSubs
19 8 31 243 15 108.0 0.380 1.139 0.012 492. 562. -45.6 0.0280 0.37 0.18 5.12 195.0 10.0 297.5 2.0 0
0.00 55. 1007. 0 ADJ-A1 NoSubs
19 8 31 243 16 82.1 0.297 1.044 0.017 499. 392. -28.7 0.0420 0.37 0.19 3.59 178.0 10.0 297.5 2.0 0
0.00 55. 1007. 0 ADJ-A1 NoSubs
19 8 31 243 17 48.0 0.260 0.875 0.016 502. 318. -32.8 0.0420 0.37 0.22 3.17 168.0 10.0 294.9 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
19 8 31 243 18 9.9 0.247 0.517 0.016 502. 295. -137.7 0.0420 0.37 0.33 3.25 176.0 10.0 293.1 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
19 8 31 243 19 -12.9 0.151 -9.000 -9.000 -999. 144. 25.0 0.0280 0.37 0.70 2.40 201.0 10.0 290.9 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
19 8 31 243 20 -8.8 0.123 -9.000 -9.000 -999. 103. 19.0 0.0280 0.37 1.00 1.99 192.0 10.0 290.4 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 8 31 243 21 -4.0 0.084 -9.000 -9.000 -999. 58. 13.4 0.0440 0.37 1.00 1.26 348.0 10.0 290.4 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 8 31 243 22 -4.1 0.085 -9.000 -9.000 -999. 59. 13.3 0.0380 0.37 1.00 1.31 321.0 10.0 289.2 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 8 31 243 23 -4.3 0.087 -9.000 -9.000 -999. 61. 13.8 0.0440 0.37 1.00 1.31 335.0 10.0 289.2 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 8 31 243 24 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.37 1.00 0.92 317.0 10.0 288.8 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 9 1 244 1 -2.9 0.073 -9.000 -9.000 -999. 47. 11.7 0.0330 0.47 1.00 1.11 312.0 10.0 287.5 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 9 1 244 2 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0330 0.47 1.00 1.31 327.0 10.0 288.1 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 9 1 244 3 -1.8 0.062 -9.000 -9.000 -999. 37. 12.1 0.0330 0.47 1.00 0.79 300.0 10.0 287.5 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 9 1 244 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 287.0 2.0 0
0.00 86. 1007. 0 ADJ-SFC NoSubs
19 9 1 244 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-SFC NoSubs
19 9 1 244 6 -13.7 0.156 -9.000 -9.000 -999. 149. 26.9 0.0380 0.47 1.00 2.36 348.0 10.0 287.0 2.0 0
0.00 83. 1008. 0 ADJ-SFC NoSubs
19 9 1 244 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.39 0.00 0.0 10.0 289.9 2.0 0
0.00 77. 1008. 0 ADJ-SFC NoSubs
19 9 1 244 8 44.7 -9.000 -9.000 -9.000 132. -999. -99999.0 0.0317 0.47 0.24 0.00 0.0 10.0 293.1 2.0 0

0.00 67. 1008. 0 ADJ-SFC NoSubs
19 9 1 244 9 87.3 0.170 0.820 0.022 227. 168. -5.1 0.0370 0.47 0.19 1.76 154.0 10.0 297.0 2.0 0
0.00 49. 1008. 0 ADJ-SFC NoSubs
19 9 1 244 10 121.2 -9.000 -9.000 -9.000 327. -999. -99999.0 0.0317 0.47 0.18 0.00 0.0 10.0 299.2 2.0 0
0.00 46. 1008. 0 ADJ-SFC NoSubs
19 9 1 244 11 145.9 0.215 1.133 0.017 359. 238. -6.1 0.0317 0.47 0.17 2.36 999.0 10.0 302.5 2.0 0
0.00 39. 1008. 0 ADJ-SFC NoSubs
19 9 1 244 12 158.8 0.268 1.238 0.014 430. 333. -10.9 0.0230 0.47 0.17 3.36 194.0 10.0 303.8 2.0 0
0.00 30. 1007. 0 ADJ-SFC NoSubs
19 9 1 244 13 160.1 0.355 1.334 0.011 534. 508. -25.1 0.0370 0.47 0.17 4.36 171.0 10.0 303.8 2.0 0
0.00 34. 1007. 0 ADJ-SFC NoSubs
19 9 1 244 14 148.9 0.328 1.334 0.009 573. 451. -21.3 0.0230 0.47 0.17 4.36 183.0 10.0 300.4 2.0 0
0.00 46. 1007. 0 ADJ-SFC NoSubs
19 9 1 244 15 127.5 0.317 1.317 0.007 643. 429. -22.4 0.0370 0.47 0.18 3.86 178.0 10.0 298.8 2.0 0
0.00 51. 1006. 0 ADJ-SFC NoSubs
19 9 1 244 16 96.0 0.289 1.209 0.006 661. 373. -22.6 0.0230 0.47 0.19 3.86 198.0 10.0 297.0 2.0 0
0.00 59. 1006. 0 ADJ-SFC NoSubs
19 9 1 244 17 56.1 0.302 1.016 0.006 671. 399. -44.1 0.0370 0.47 0.22 3.86 178.0 10.0 295.9 2.0 0
0.00 60. 1006. 0 ADJ-SFC NoSubs
19 9 1 244 18 11.3 0.251 0.597 0.005 673. 302. -124.3 0.0370 0.47 0.34 3.36 171.0 10.0 295.4 2.0 0
0.00 60. 1006. 0 ADJ-SFC NoSubs
19 9 1 244 19 -11.8 0.143 -9.000 -9.000 -999. 135. 22.5 0.0230 0.47 0.72 2.36 182.0 10.0 293.1 2.0 0
0.00 67. 1006. 0 ADJ-SFC NoSubs
19 9 1 244 20 -6.8 0.108 -9.000 -9.000 -999. 86. 16.6 0.0290 0.47 1.00 1.76 244.0 10.0 290.4 2.0 0
0.00 80. 1007. 0 ADJ-SFC NoSubs
19 9 1 244 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 290.9 2.0
0 0.00 77. 1007. 0 ADJ-SFC NoSubs
19 9 1 244 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 291.4 2.0
0 0.00 75. 1007. 0 ADJ-SFC NoSubs
19 9 1 244 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 289.2 2.0
0 0.00 83. 1008. 0 ADJ-SFC NoSubs
19 9 1 244 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 289.9 2.0
0 0.00 83. 1008. 0 ADJ-SFC NoSubs
19 9 2 245 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 288.8 2.0 0
0.00 86. 1008. 0 ADJ-SFC NoSubs
19 9 2 245 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-SFC NoSubs
19 9 2 245 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 288.1 2.0 0
0.00 89. 1008. 0 ADJ-SFC NoSubs
19 9 2 245 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 288.8 2.0 0
0.00 83. 1007. 0 ADJ-SFC NoSubs
19 9 2 245 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 287.0 2.0 0
0.00 92. 1008. 0 ADJ-SFC NoSubs
19 9 2 245 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 288.1 2.0 0
0.00 86. 1008. 0 ADJ-SFC NoSubs
19 9 2 245 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.40 0.00 0.0 10.0 290.4 2.0 0
0.00 80. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 8 44.1 -9.000 -9.000 -9.000 170. -999. -99999.0 0.0317 0.47 0.24 0.00 0.0 10.0 293.1 2.0 0
0.00 69. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 9 86.1 -9.000 -9.000 -9.000 280. -999. -99999.0 0.0317 0.47 0.19 0.00 0.0 10.0 295.4 2.0 0
0.00 58. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 10 120.7 0.200 1.044 0.021 340. 215. -6.0 0.0230 0.47 0.18 2.36 207.0 10.0 299.2 2.0 0
0.00 47. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 11 143.7 0.255 1.147 0.018 379. 308. -10.3 0.0380 0.47 0.17 2.86 224.0 10.0 298.8 2.0 0

0.00 51. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 12 156.6 0.360 1.229 0.012 427. 517. -26.7 0.0230 0.47 0.17 4.86 206.0 10.0 300.4 2.0 0
0.00 43. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 13 157.7 0.299 1.306 0.013 508. 394. -15.2 0.0230 0.47 0.17 3.86 199.0 10.0 299.9 2.0 0
0.00 44. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 14 146.6 0.389 1.300 0.008 539. 582. -36.1 0.0230 0.47 0.17 5.36 184.0 10.0 296.4 2.0 0
0.00 56. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 15 125.1 0.416 1.251 0.007 564. 644. -51.8 0.0370 0.47 0.18 5.36 174.0 10.0 294.2 2.0 0
0.00 65. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 16 93.8 0.451 1.172 0.005 618. 725. -87.7 0.0370 0.47 0.19 5.96 152.0 10.0 293.1 2.0 0
0.00 69. 1009. 0 ADJ-SFC NoSubs
19 9 2 245 17 54.0 0.362 0.991 0.007 648. 529. -79.3 0.0340 0.47 0.22 4.85 148.0 10.0 292.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
19 9 2 245 18 9.1 0.282 0.548 0.007 648. 364. -222.0 0.0340 0.47 0.34 3.91 147.0 10.0 291.4 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
19 9 2 245 19 -19.3 0.199 -9.000 -9.000 -999. 215. 43.4 0.0340 0.47 0.73 3.01 135.0 10.0 290.4 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 9 2 245 20 -14.4 0.159 -9.000 -9.000 -999. 153. 27.9 0.0300 0.47 1.00 2.50 115.0 10.0 289.2 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 9 2 245 21 -12.0 0.145 -9.000 -9.000 -999. 132. 23.0 0.0290 0.47 1.00 2.30 82.0 10.0 289.2 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 9 2 245 22 -6.8 0.108 -9.000 -9.000 -999. 85. 16.8 0.0330 0.47 1.00 1.72 58.0 10.0 289.2 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 9 2 245 23 -2.9 0.073 -9.000 -9.000 -999. 47. 12.0 0.0380 0.47 1.00 1.08 353.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 9 2 245 24 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.47 1.00 1.37 343.0 10.0 287.5 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 1 -4.7 0.090 -9.000 -9.000 -999. 65. 14.0 0.0380 0.47 1.00 1.40 338.0 10.0 287.5 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 2 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.47 1.00 1.28 325.0 10.0 287.0 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 3 -2.1 0.066 -9.000 -9.000 -999. 40. 11.9 0.0380 0.47 1.00 0.87 346.0 10.0 286.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 4 -7.5 0.114 -9.000 -9.000 -999. 92. 17.8 0.0380 0.47 1.00 1.76 345.0 10.0 286.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 5 -2.0 0.064 -9.000 -9.000 -999. 39. 11.9 0.0330 0.47 1.00 0.84 301.0 10.0 285.4 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 6 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.47 1.00 1.13 346.0 10.0 285.9 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 7 -0.9 0.082 -9.000 -9.000 -999. 56. 54.9 0.0380 0.47 0.40 1.21 342.0 10.0 288.1 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 8 43.1 0.126 0.752 0.030 355. 108. -4.2 0.0340 0.47 0.24 1.30 127.0 10.0 291.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 9 85.1 0.184 1.074 0.034 525. 190. -6.6 0.0370 0.47 0.19 1.98 158.0 10.0 293.8 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 10 119.0 0.177 1.246 0.032 586. 179. -4.2 0.0370 0.47 0.18 1.79 154.0 10.0 296.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 11 143.5 0.252 1.347 0.031 613. 303. -10.0 0.0290 0.47 0.17 2.98 247.0 10.0 299.9 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 9 3 246 12 155.1 0.345 1.396 0.029 632. 486. -23.8 0.0380 0.47 0.17 4.19 215.0 10.0 298.1 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
19 9 3 246 13 156.8 0.291 1.415 0.028 651. 379. -14.2 0.0230 0.47 0.17 3.74 200.0 10.0 299.2 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 9 3 246 14 146.9 0.292 1.397 0.026 668. 379. -15.3 0.0230 0.47 0.17 3.78 188.0 10.0 299.2 2.0 0

0.00 44. 1008. 0 ADJ-A1 NoSubs
19 9 3 246 15 125.8 0.314 1.337 0.025 683. 421. -22.0 0.0370 0.47 0.18 3.81 179.0 10.0 298.8 2.0 0
0.00 45. 1008. 0 ADJ-A1 NoSubs
19 9 3 246 16 94.3 0.291 1.220 0.024 692. 378. -23.6 0.0370 0.47 0.19 3.56 176.0 10.0 297.5 2.0 0
0.00 53. 1007. 0 ADJ-A1 NoSubs
19 9 3 246 17 54.0 0.282 1.015 0.023 696. 360. -37.4 0.0230 0.47 0.22 3.90 184.0 10.0 295.9 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
19 9 3 246 18 8.4 0.267 0.546 0.023 695. 331. -203.4 0.0230 0.47 0.35 3.95 186.0 10.0 292.5 2.0 0
0.00 70. 1007. 0 ADJ-A1 NoSubs
19 9 3 246 19 -19.7 0.203 -9.000 -9.000 -999. 222. 45.5 0.0230 0.47 0.75 3.29 181.0 10.0 290.4 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 9 3 246 20 -17.8 0.183 -9.000 -9.000 -999. 187. 36.7 0.0370 0.47 1.00 2.74 164.0 10.0 289.9 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 9 3 246 21 -2.8 0.070 -9.000 -9.000 -999. 54. 11.1 0.0230 0.47 1.00 1.14 209.0 10.0 289.9 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 9 3 246 22 -2.7 0.069 -9.000 -9.000 -999. 44. 11.2 0.0260 0.47 1.00 1.08 289.0 10.0 289.2 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 9 3 246 23 -3.7 0.080 -9.000 -9.000 -999. 54. 12.2 0.0260 0.47 1.00 1.31 284.0 10.0 288.8 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 9 3 246 24 -5.6 0.099 -9.000 -9.000 -999. 75. 15.4 0.0380 0.47 1.00 1.54 224.0 10.0 288.1 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 9 4 247 1 -2.8 0.070 -9.000 -9.000 -999. 45. 11.2 0.0260 0.47 1.00 1.11 285.0 10.0 288.8 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 9 4 247 2 -1.7 0.061 -9.000 -9.000 -999. 36. 12.4 0.0330 0.47 1.00 0.75 307.0 10.0 288.1 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 9 4 247 3 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0260 0.47 1.00 1.52 284.0 10.0 288.1 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
19 9 4 247 4 -1.7 0.061 -9.000 -9.000 -999. 37. 12.1 0.0310 0.47 1.00 0.77 1.0 10.0 288.1 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
19 9 4 247 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 288.8 2.0 0
0.00 86. 1006. 0 ADJ-SFC NoSubs
19 9 4 247 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 287.5 2.0 0
0.00 89. 1007. 0 ADJ-SFC NoSubs
19 9 4 247 7 -1.3 0.115 -9.000 -9.000 -999. 94. 102.5 0.0290 0.47 0.40 1.76 256.0 10.0 289.9 2.0 0
0.00 83. 1007. 0 ADJ-SFC NoSubs
19 9 4 247 8 42.5 -9.000 -9.000 -9.000 229. -999. -99999.0 0.0317 0.47 0.24 0.00 0.0 10.0 291.4 2.0 0
0.00 75. 1007. 0 ADJ-SFC NoSubs
19 9 4 247 9 84.5 0.243 0.914 0.029 325. 288. -15.3 0.0370 0.47 0.19 2.86 161.0 10.0 293.8 2.0 0
0.00 67. 1007. 0 ADJ-SFC NoSubs
19 9 4 247 10 118.3 0.171 1.068 0.027 370. 171. -3.8 0.0317 0.47 0.18 1.76 999.0 10.0 295.9 2.0 0
0.00 58. 1007. 0 ADJ-SFC NoSubs
19 9 4 247 11 141.6 0.321 1.163 0.017 399. 436. -20.9 0.0380 0.47 0.17 3.86 220.0 10.0 296.4 2.0 0
0.00 56. 1007. 0 ADJ-SFC NoSubs
19 9 4 247 12 154.5 0.298 1.216 0.021 418. 391. -15.4 0.0230 0.47 0.17 3.86 209.0 10.0 298.1 2.0 0
0.00 49. 1007. 0 ADJ-SFC Sub_CC
19 9 4 247 13 155.2 0.389 1.234 0.006 435. 583. -34.1 0.0380 0.47 0.17 4.86 231.0 10.0 297.0 2.0 0
0.00 52. 1007. 0 ADJ-SFC NoSubs
19 9 4 247 14 144.9 0.327 1.225 0.015 456. 452. -21.7 0.0230 0.47 0.17 4.36 185.0 10.0 295.9 2.0 0
0.00 56. 1006. 0 ADJ-SFC NoSubs
19 9 4 247 15 123.4 0.383 1.180 0.007 478. 568. -40.7 0.0370 0.47 0.18 4.86 175.0 10.0 294.2 2.0 0
0.00 63. 1006. 0 ADJ-SFC NoSubs
19 9 4 247 16 92.2 0.339 1.085 0.011 497. 475. -37.9 0.0340 0.47 0.19 4.36 143.0 10.0 294.2 2.0 0
0.00 63. 1006. 0 ADJ-SFC NoSubs
19 9 4 247 17 51.6 0.334 0.900 0.011 507. 464. -65.0 0.0370 0.47 0.23 4.36 172.0 10.0 291.4 2.0 0

0.00 72. 1006. 0 ADJ-SFC NoSubs
19 9 4 247 18 6.6 0.330 0.454 0.011 507. 455. -487.1 0.0370 0.47 0.35 4.56 167.0 10.0 289.9 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
19 9 4 247 19 -26.5 0.272 -9.000 -9.000 -999. 341. 81.1 0.0370 0.47 1.00 4.00 150.0 10.0 288.1 2.0 0
0.00 89. 1006. 7 ADJ-A1 NoSubs
19 9 4 247 20 -20.0 0.205 -9.000 -9.000 -999. 224. 46.2 0.0340 0.47 1.00 3.10 135.0 10.0 288.8 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 9 4 247 21 -12.3 0.147 -9.000 -9.000 -999. 136. 23.8 0.0300 0.47 1.00 2.32 118.0 10.0 288.1 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 9 4 247 22 -9.4 0.128 -9.000 -9.000 -999. 110. 19.9 0.0300 0.47 1.00 2.04 103.0 10.0 288.8 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 9 4 247 23 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0290 0.47 1.00 1.62 61.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 4 247 24 -7.3 0.112 -9.000 -9.000 -999. 89. 17.1 0.0290 0.47 1.00 1.81 77.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 5 248 1 -2.7 0.071 -9.000 -9.000 -999. 45. 11.6 0.0330 0.47 1.00 1.06 40.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 5 248 2 -3.3 0.076 -9.000 -9.000 -999. 51. 12.2 0.0370 0.47 1.00 1.16 164.0 10.0 288.1 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 5 248 3 -4.2 0.085 -9.000 -9.000 -999. 60. 13.3 0.0370 0.47 1.00 1.33 168.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
19 9 5 248 4 -4.5 0.088 -9.000 -9.000 -999. 62. 13.4 0.0300 0.47 1.00 1.42 108.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 5 248 5 -4.9 0.091 -9.000 -9.000 -999. 66. 14.1 0.0340 0.47 1.00 1.45 145.0 10.0 287.5 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
19 9 5 248 6 -2.3 0.067 -9.000 -9.000 -999. 41. 11.6 0.0340 0.47 1.00 0.94 146.0 10.0 287.5 2.0 0
0.00 93. 1009. 10 ADJ-A1 NoSubs
19 9 5 248 7 -2.2 0.080 -9.000 -9.000 -999. 54. 20.4 0.0290 0.47 0.41 1.28 86.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 9 5 248 8 9.2 0.104 0.378 0.011 210. 80. -10.9 0.0300 0.47 0.24 1.23 91.0 10.0 289.2 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 9 5 248 9 70.9 0.135 0.922 0.032 399. 118. -3.1 0.0340 0.47 0.19 1.33 125.0 10.0 292.0 2.0 0
0.00 72. 1010. 7 ADJ-A1 NoSubs
19 9 5 248 10 117.2 0.170 1.199 0.033 531. 168. -3.8 0.0340 0.47 0.18 1.72 121.0 10.0 294.2 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
19 9 5 248 11 140.8 0.228 1.299 0.032 561. 261. -7.6 0.0370 0.47 0.17 2.49 177.0 10.0 295.9 2.0 0
0.00 58. 1010. 0 ADJ-A1 NoSubs
19 9 5 248 12 153.4 0.303 1.357 0.031 588. 400. -16.3 0.0380 0.47 0.17 3.56 218.0 10.0 297.0 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 9 5 248 13 154.7 0.314 1.448 0.031 708. 423. -18.1 0.0380 0.47 0.17 3.73 236.0 10.0 297.5 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
19 9 5 248 14 144.9 0.279 1.432 0.030 731. 353. -13.4 0.0230 0.47 0.17 3.56 206.0 10.0 298.1 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
19 9 5 248 15 124.3 0.273 1.368 0.029 742. 343. -14.7 0.0230 0.47 0.18 3.52 182.0 10.0 299.2 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 9 5 248 16 92.6 0.302 1.243 0.028 746. 399. -26.8 0.0370 0.47 0.19 3.73 175.0 10.0 298.1 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
19 9 5 248 17 51.9 0.286 1.026 0.028 749. 368. -40.8 0.0370 0.47 0.23 3.64 164.0 10.0 295.9 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 9 5 248 18 6.3 0.335 0.509 0.028 748. 464. -534.1 0.0370 0.47 0.36 4.63 163.0 10.0 292.5 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 9 5 248 19 -26.3 0.270 -9.000 -9.000 -999. 339. 80.3 0.0370 0.47 1.00 3.98 152.0 10.0 290.4 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 9 5 248 20 -18.5 0.190 -9.000 -9.000 -999. 201. 39.5 0.0340 0.47 1.00 2.88 147.0 10.0 289.9 2.0 0

0.00 80. 1011. 0 ADJ-A1 NoSubs
19 9 5 248 21 -8.0 0.117 -9.000 -9.000 -999. 98. 18.1 0.0290 0.47 1.00 1.89 86.0 10.0 290.4 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
19 9 5 248 22 -3.1 0.074 -9.000 -9.000 -999. 49. 11.8 0.0310 0.47 1.00 1.16 18.0 10.0 289.9 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
19 9 5 248 23 -5.0 0.093 -9.000 -9.000 -999. 68. 14.5 0.0380 0.47 1.00 1.45 331.0 10.0 289.2 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
19 9 5 248 24 -5.5 0.098 -9.000 -9.000 -999. 73. 15.2 0.0380 0.47 1.00 1.52 331.0 10.0 288.8 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 9 6 249 1 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.47 1.00 1.03 341.0 10.0 287.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 9 6 249 2 -3.0 0.073 -9.000 -9.000 -999. 47. 11.7 0.0330 0.47 1.00 1.11 321.0 10.0 287.5 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 9 6 249 3 -1.9 0.062 -9.000 -9.000 -999. 37. 11.5 0.0260 0.47 1.00 0.84 272.0 10.0 287.0 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 9 6 249 4 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.47 1.00 1.13 348.0 10.0 286.4 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 5 -4.6 0.089 -9.000 -9.000 -999. 63. 13.8 0.0380 0.47 1.00 1.38 339.0 10.0 286.4 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 6 -1.8 0.063 -9.000 -9.000 -999. 38. 12.6 0.0380 0.47 1.00 0.75 338.0 10.0 285.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 7 -0.6 0.048 -9.000 -9.000 -999. 26. 17.6 0.0380 0.47 0.41 0.75 353.0 10.0 288.8 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
19 9 6 249 8 41.4 0.110 0.741 0.026 355. 88. -2.9 0.0340 0.47 0.24 1.08 130.0 10.0 291.4 2.0 0
0.00 72. 1013. 0 ADJ-A1 NoSubs
19 9 6 249 9 83.4 0.147 1.014 0.027 451. 136. -3.5 0.0370 0.47 0.19 1.45 152.0 10.0 293.8 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
19 9 6 249 10 117.2 0.195 1.154 0.026 475. 206. -5.7 0.0230 0.47 0.18 2.28 189.0 10.0 295.9 2.0 0
0.00 58. 1013. 0 ADJ-A1 NoSubs
19 9 6 249 11 140.4 0.322 1.250 0.024 504. 438. -21.4 0.0380 0.47 0.17 3.88 218.0 10.0 296.4 2.0 0
0.00 54. 1013. 0 ADJ-A1 NoSubs
19 9 6 249 12 153.0 0.315 1.339 0.022 568. 425. -18.5 0.0380 0.47 0.17 3.75 211.0 10.0 297.5 2.0 0
0.00 51. 1013. 0 ADJ-A1 NoSubs
19 9 6 249 13 154.2 0.282 1.366 0.020 597. 359. -13.1 0.0230 0.47 0.17 3.59 187.0 10.0 298.1 2.0 0
0.00 47. 1013. 0 ADJ-A1 NoSubs
19 9 6 249 14 144.1 0.298 1.356 0.018 626. 390. -16.6 0.0230 0.47 0.17 3.88 187.0 10.0 298.1 2.0 0
0.00 49. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 15 122.2 0.333 1.318 0.017 677. 461. -27.3 0.0230 0.47 0.18 4.51 182.0 10.0 295.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 16 90.8 0.304 1.216 0.016 715. 402. -27.9 0.0370 0.47 0.19 3.76 179.0 10.0 295.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 17 50.2 0.272 1.003 0.016 724. 341. -36.1 0.0230 0.47 0.23 3.75 180.0 10.0 294.2 2.0 0
0.00 63. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 18 4.8 0.241 0.459 0.016 723. 284. -261.1 0.0230 0.47 0.36 3.58 187.0 10.0 290.9 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 19 -18.0 0.184 -9.000 -9.000 -999. 190. 37.3 0.0370 0.47 1.00 2.76 158.0 10.0 289.9 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 20 -21.7 0.222 -9.000 -9.000 -999. 250. 54.0 0.0340 0.47 1.00 3.34 142.0 10.0 288.8 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 21 -10.4 0.135 -9.000 -9.000 -999. 122. 21.3 0.0340 0.47 1.00 2.10 136.0 10.0 288.1 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 22 -3.2 0.074 -9.000 -9.000 -999. 50. 11.7 0.0290 0.47 1.00 1.18 61.0 10.0 288.1 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 23 -4.8 0.090 -9.000 -9.000 -999. 65. 13.7 0.0310 0.47 1.00 1.45 4.0 10.0 287.0 2.0 0

0.00 89. 1012. 0 ADJ-A1 NoSubs
19 9 6 249 24 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0310 0.47 1.00 1.72 6.0 10.0 287.0 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 9 7 250 1 -4.6 0.088 -9.000 -9.000 -999. 63. 13.5 0.0310 0.47 1.00 1.42 10.0 10.0 287.5 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 9 7 250 2 -5.8 0.099 -9.000 -9.000 -999. 75. 15.2 0.0310 0.47 1.00 1.60 20.0 10.0 288.8 2.0 0
0.00 83. 1012. 10 ADJ-A1 NoSubs
19 9 7 250 3 -9.3 0.126 -9.000 -9.000 -999. 108. 19.6 0.0300 0.47 1.00 2.02 97.0 10.0 288.1 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 9 7 250 4 -3.7 0.080 -9.000 -9.000 -999. 54. 12.3 0.0300 0.47 1.00 1.28 90.0 10.0 288.1 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 9 7 250 5 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0330 0.47 1.00 1.37 32.0 10.0 288.8 2.0 0
0.00 86. 1012. 10 ADJ-A1 Sub_CC
19 9 7 250 6 -6.5 0.106 -9.000 -9.000 -999. 82. 16.2 0.0300 0.47 1.00 1.71 101.0 10.0 288.8 2.0 9999
-9.00 999. 1007. 10 ADJ-A1 Sub_CC-TT
19 9 7 250 7 -3.7 0.103 -9.000 -9.000 -999. 79. 26.3 0.0370 0.47 0.41 1.55 160.0 10.0 288.8 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 9 7 250 8 8.8 0.108 0.518 0.023 570. 85. -13.0 0.0230 0.47 0.24 1.38 208.0 10.0 288.8 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 9 7 250 9 19.2 0.122 0.678 0.023 585. 102. -8.5 0.0290 0.47 0.19 1.42 249.0 10.0 289.2 2.0 0
0.00 83. 1013. 10 ADJ-A1 NoSubs
19 9 7 250 10 28.3 0.155 0.780 0.024 607. 146. -11.8 0.0300 0.47 0.18 1.85 104.0 10.0 292.0 2.0 0
0.00 69. 1013. 10 ADJ-A1 Sub_CC
19 9 7 250 11 34.3 0.198 0.841 0.024 625. 212. -20.5 0.0340 0.47 0.17 2.44 121.0 10.0 293.1 2.0 0
0.00 64. 1013. 10 ADJ-A1 NoSubs
19 9 7 250 12 37.7 0.321 0.874 0.024 640. 436. -78.9 0.0380 0.47 0.17 4.20 219.0 10.0 294.2 2.0 0
0.00 60. 1012. 10 ADJ-A1 NoSubs
19 9 7 250 13 152.3 0.387 1.439 0.025 708. 577. -34.2 0.0380 0.47 0.17 4.83 230.0 10.0 294.9 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
19 9 7 250 14 142.5 0.322 1.449 0.024 771. 441. -21.1 0.0290 0.47 0.17 4.09 240.0 10.0 295.9 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
19 9 7 250 15 119.9 0.405 1.391 0.023 810. 618. -49.9 0.0290 0.47 0.18 5.45 257.0 10.0 298.8 2.0 0
0.00 47. 1010. 5 ADJ-A1 NoSubs
19 9 7 250 16 90.0 0.466 1.273 0.022 827. 762. -101.2 0.0290 0.47 0.19 6.48 265.0 10.0 296.4 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
19 9 7 250 17 49.9 0.403 1.050 0.022 837. 617. -118.3 0.0260 0.47 0.23 5.75 280.0 10.0 296.4 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
19 9 7 250 18 4.4 0.380 0.468 0.022 837. 564. -1125.3 0.0260 0.47 0.37 5.63 285.0 10.0 293.1 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
19 9 7 250 19 -29.6 0.306 -9.000 -9.000 -999. 410. 103.1 0.0260 0.47 1.00 4.77 283.0 10.0 292.0 2.0 0
0.00 62. 1011. 0 ADJ-A1 NoSubs
19 9 7 250 20 -26.5 0.272 -9.000 -9.000 -999. 341. 81.5 0.0260 0.47 1.00 4.26 270.0 10.0 290.4 2.0 0
0.00 75. 1011. 0 ADJ-A1 NoSubs
19 9 7 250 21 -22.2 0.227 -9.000 -9.000 -999. 260. 56.5 0.0290 0.47 1.00 3.51 246.0 10.0 289.2 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 9 7 250 22 -17.3 0.177 -9.000 -9.000 -999. 180. 34.6 0.0290 0.47 1.00 2.78 246.0 10.0 289.2 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 9 7 250 23 -5.7 0.099 -9.000 -9.000 -999. 77. 15.4 0.0380 0.47 1.00 1.54 353.0 10.0 288.1 2.0 0
0.00 80. 1011. 7 ADJ-A1 NoSubs
19 9 7 250 24 -5.7 0.099 -9.000 -9.000 -999. 75. 15.4 0.0380 0.47 1.00 1.54 335.0 10.0 288.1 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
19 9 8 251 1 -4.6 0.089 -9.000 -9.000 -999. 63. 13.8 0.0380 0.47 1.00 1.38 346.0 10.0 287.0 2.0 0
0.00 86. 1011. 3 ADJ-A1 NoSubs
19 9 8 251 2 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0310 0.47 1.00 1.35 4.0 10.0 288.1 2.0 0

0.00 83. 1010. 7 ADJ-A1 NoSubs
19 9 8 251 3 -5.7 0.099 -9.000 -9.000 -999. 75. 15.4 0.0380 0.47 1.00 1.54 356.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 9 8 251 4 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.47 1.00 1.25 349.0 10.0 288.8 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 9 8 251 5 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.47 1.00 1.09 56.0 10.0 288.8 2.0 0
0.00 83. 1011. 10 ADJ-A1 NoSubs
19 9 8 251 6 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0330 0.47 1.00 1.31 41.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 9 8 251 7 -4.0 0.105 -9.000 -9.000 -999. 81. 25.7 0.0290 0.47 0.42 1.65 79.0 10.0 288.8 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 9 8 251 8 37.1 0.151 0.649 0.012 266. 140. -8.3 0.0300 0.47 0.25 1.74 115.0 10.0 290.9 2.0 0
0.00 74. 1011. 7 ADJ-A1 NoSubs
19 9 8 251 9 20.2 0.148 0.538 0.012 278. 136. -14.4 0.0340 0.47 0.19 1.76 125.0 10.0 293.1 2.0 0
0.00 64. 1011. 10 ADJ-A1 NoSubs
19 9 8 251 10 96.0 0.205 0.959 0.012 331. 223. -8.1 0.0340 0.47 0.18 2.30 148.0 10.0 294.9 2.0 0
0.00 60. 1011. 7 ADJ-A1 NoSubs
19 9 8 251 11 141.6 0.282 1.302 0.014 562. 360. -14.3 0.0230 0.47 0.17 3.63 188.0 10.0 295.9 2.0 0
0.00 54. 1011. 3 ADJ-A1 NoSubs
19 9 8 251 12 151.2 0.260 1.403 0.012 659. 318. -10.4 0.0230 0.47 0.17 3.24 194.0 10.0 296.4 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 9 8 251 13 152.5 0.295 1.441 0.010 707. 384. -15.1 0.0370 0.47 0.17 3.46 173.0 10.0 297.5 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
19 9 8 251 14 142.7 0.355 1.437 0.008 750. 507. -28.2 0.0380 0.47 0.17 4.37 226.0 10.0 298.8 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
19 9 8 251 15 121.4 0.323 1.382 0.007 784. 442. -25.1 0.0380 0.47 0.18 3.95 237.0 10.0 298.8 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 9 8 251 16 89.8 0.287 1.260 0.006 803. 370. -23.7 0.0290 0.47 0.19 3.68 246.0 10.0 298.8 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 9 8 251 17 49.6 0.301 1.039 0.006 812. 396. -49.4 0.0290 0.47 0.23 4.05 264.0 10.0 298.8 2.0 0
0.00 39. 1008. 0 ADJ-A1 NoSubs
19 9 8 251 18 4.7 0.198 0.473 0.006 812. 216. -148.7 0.0260 0.47 0.37 2.84 273.0 10.0 297.0 2.0 0
0.00 47. 1009. 0 ADJ-A1 NoSubs
19 9 8 251 19 -22.8 0.236 -9.000 -9.000 -999. 276. 61.4 0.0300 0.47 1.00 3.63 97.0 10.0 292.0 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 9 8 251 20 -12.8 0.150 -9.000 -9.000 -999. 142. 24.6 0.0290 0.47 1.00 2.37 79.0 10.0 290.9 2.0 0
0.00 69. 1010. 0 ADJ-A1 NoSubs
19 9 8 251 21 -10.9 0.137 -9.000 -9.000 -999. 122. 21.5 0.0300 0.47 1.00 2.18 108.0 10.0 289.2 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 9 8 251 22 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0290 0.47 1.00 1.74 67.0 10.0 289.2 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 9 8 251 23 -10.1 0.133 -9.000 -9.000 -999. 116. 20.9 0.0330 0.47 1.00 2.08 44.0 10.0 288.8 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
19 9 8 251 24 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0330 0.47 1.00 1.81 35.0 10.0 288.1 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 9 9 252 1 -6.3 0.104 -9.000 -9.000 -999. 80. 15.9 0.0310 0.47 1.00 1.67 10.0 10.0 287.0 2.0 0
0.00 86. 1009. 3 ADJ-A1 NoSubs
19 9 9 252 2 -3.8 0.081 -9.000 -9.000 -999. 56. 12.6 0.0310 0.47 1.00 1.30 6.0 10.0 288.1 2.0 0
0.00 83. 1009. 10 ADJ-A1 NoSubs
19 9 9 252 3 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0290 0.47 1.00 1.35 75.0 10.0 288.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 9 9 252 4 -4.5 0.088 -9.000 -9.000 -999. 62. 13.5 0.0330 0.47 1.00 1.40 58.0 10.0 288.1 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 9 9 252 5 -3.8 0.081 -9.000 -9.000 -999. 56. 12.6 0.0310 0.47 1.00 1.30 13.0 10.0 288.1 2.0 0

0.00 86. 1009. 10 ADJ-A1 NoSubs
19 9 9 252 6 -4.1 0.084 -9.000 -9.000 -999. 58. 13.2 0.0380 0.47 1.00 1.30 355.0 10.0 287.5 2.0 0
0.00 89. 1010. 10 ADJ-A1 NoSubs
19 9 9 252 7 -1.7 0.066 -9.000 -9.000 -999. 41. 15.2 0.0330 0.47 0.42 1.06 305.0 10.0 288.1 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 9 9 252 8 8.6 0.098 0.427 0.018 324. 74. -9.8 0.0330 0.47 0.25 1.13 45.0 10.0 289.2 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 9 9 252 9 19.4 0.123 0.564 0.018 332. 103. -8.6 0.0380 0.47 0.19 1.35 360.0 10.0 290.9 2.0 0
0.00 72. 1010. 10 ADJ-A1 NoSubs
19 9 9 252 10 114.5 0.203 1.063 0.017 378. 219. -6.6 0.0340 0.47 0.18 2.22 143.0 10.0 293.1 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 9 9 252 11 138.1 0.225 1.179 0.014 427. 256. -7.4 0.0370 0.47 0.17 2.45 171.0 10.0 295.4 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 9 9 252 12 150.0 0.297 1.288 0.012 513. 388. -15.7 0.0230 0.47 0.17 3.85 193.0 10.0 294.9 2.0 0
0.00 58. 1009. 0 ADJ-A1 NoSubs
19 9 9 252 13 151.2 0.305 1.355 0.009 592. 403. -16.8 0.0370 0.47 0.17 3.61 176.0 10.0 295.9 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
19 9 9 252 14 142.0 0.212 1.408 0.008 708. 238. -6.0 0.0370 0.47 0.17 2.25 162.0 10.0 299.2 2.0 0
0.00 43. 1008. 0 ADJ-A1 NoSubs
19 9 9 252 15 121.3 0.270 1.374 0.006 768. 336. -14.5 0.0230 0.47 0.18 3.47 194.0 10.0 300.9 2.0 0
0.00 40. 1007. 0 ADJ-A1 NoSubs
19 9 9 252 16 89.5 0.306 1.251 0.005 786. 407. -28.8 0.0380 0.47 0.19 3.78 234.0 10.0 300.4 2.0 0
0.00 38. 1006. 0 ADJ-A1 NoSubs
19 9 9 252 17 48.3 0.377 1.022 0.005 793. 555. -99.4 0.0290 0.47 0.23 5.24 250.0 10.0 298.1 2.0 0
0.00 47. 1006. 0 ADJ-A1 NoSubs
19 9 9 252 18 2.7 0.393 0.389 0.005 791. 592. -2053.9 0.0290 0.47 0.38 5.73 263.0 10.0 294.2 2.0 0
0.00 63. 1006. 0 ADJ-A1 NoSubs
19 9 9 252 19 -26.0 0.269 -9.000 -9.000 -999. 345. 79.8 0.0290 0.47 1.00 4.14 269.0 10.0 292.0 2.0 0
0.00 72. 1006. 0 ADJ-A1 NoSubs
19 9 9 252 20 -5.7 0.099 -9.000 -9.000 -999. 109. 15.3 0.0310 0.47 1.00 1.60 16.0 10.0 290.9 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 9 9 252 21 -6.8 0.108 -9.000 -9.000 -999. 85. 16.8 0.0330 0.47 1.00 1.72 39.0 10.0 289.9 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 9 9 252 22 -3.9 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.47 1.00 1.28 342.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 9 9 252 23 -3.9 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.47 1.00 1.28 350.0 10.0 288.1 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 9 9 252 24 -6.5 0.106 -9.000 -9.000 -999. 83. 16.5 0.0380 0.47 1.00 1.65 331.0 10.0 287.0 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 9 10 253 1 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.47 1.00 1.13 351.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 9 10 253 2 -3.2 0.075 -9.000 -9.000 -999. 50. 11.9 0.0310 0.47 1.00 1.18 15.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 9 10 253 3 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0330 0.47 1.00 1.45 37.0 10.0 287.5 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
19 9 10 253 4 -6.7 0.107 -9.000 -9.000 -999. 84. 16.4 0.0310 0.47 1.00 1.72 18.0 10.0 287.1 2.0 0
0.00 93. 1008. 10 ADJ-A1 NoSubs
19 9 10 253 5 -8.0 0.118 -9.000 -9.000 -999. 97. 18.5 0.0380 0.47 1.00 1.82 345.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 9 10 253 6 -8.0 0.118 -9.000 -9.000 -999. 97. 18.5 0.0380 0.47 1.00 1.82 336.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 10 253 7 -1.8 0.066 -9.000 -9.000 -999. 41. 14.6 0.0330 0.47 0.42 1.06 314.0 10.0 287.5 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 10 253 8 8.3 0.110 0.375 0.007 226. 88. -14.4 0.0380 0.47 0.25 1.28 339.0 10.0 288.8 2.0 0

0.00 86. 1008. 10 ADJ-A1 NoSubs
19 9 10 253 9 83.9 0.115 0.954 0.006 372. 94. -1.6 0.0230 0.47 0.19 1.13 180.0 10.0 292.0 2.0 0
0.00 69. 1008. 3 ADJ-A1 NoSubs
19 9 10 253 10 94.7 0.240 1.029 0.005 414. 282. -13.1 0.0230 0.47 0.18 3.06 207.0 10.0 293.8 2.0 0
0.00 62. 1009. 7 ADJ-A1 NoSubs
19 9 10 253 11 137.3 0.262 1.385 0.011 697. 321. -11.7 0.0230 0.47 0.17 3.30 193.0 10.0 294.9 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
19 9 10 253 12 150.0 0.271 1.540 0.012 876. 338. -11.9 0.0370 0.47 0.17 3.10 161.0 10.0 297.0 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
19 9 10 253 13 151.0 0.263 1.590 0.011 958. 325. -10.9 0.0230 0.47 0.17 3.30 196.0 10.0 297.5 2.0 0
0.00 47. 1008. 0 ADJ-A1 NoSubs
19 9 10 253 14 141.0 0.355 1.587 0.011 1020. 507. -28.4 0.0380 0.47 0.17 4.37 236.0 10.0 298.8 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
19 9 10 253 15 119.5 0.455 1.512 0.010 1040. 737. -70.9 0.0290 0.47 0.18 6.24 254.0 10.0 298.8 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
19 9 10 253 16 87.5 0.423 1.369 0.009 1053. 662. -77.7 0.0260 0.47 0.19 5.94 273.0 10.0 298.1 2.0 0
0.00 39. 1007. 0 ADJ-A1 NoSubs
19 9 10 253 17 46.5 0.426 1.111 0.009 1059. 667. -149.1 0.0260 0.47 0.24 6.12 283.0 10.0 296.4 2.0 0
0.00 45. 1007. 0 ADJ-A1 NoSubs
19 9 10 253 18 1.6 0.311 0.363 0.009 1058. 425. -1668.2 0.0260 0.47 0.39 4.61 282.0 10.0 294.2 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 9 10 253 19 -17.1 0.177 -9.000 -9.000 -999. 192. 34.6 0.0330 0.47 1.00 2.72 315.0 10.0 292.5 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
19 9 10 253 20 -18.9 0.194 -9.000 -9.000 -999. 205. 41.5 0.0300 0.47 1.00 3.01 113.0 10.0 290.4 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 9 10 253 21 -18.9 0.194 -9.000 -9.000 -999. 205. 41.4 0.0300 0.47 1.00 3.01 113.0 10.0 289.2 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 9 10 253 22 -6.2 0.103 -9.000 -9.000 -999. 83. 15.9 0.0330 0.47 1.00 1.64 59.0 10.0 288.8 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 9 10 253 23 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0330 0.47 1.00 1.69 35.0 10.0 288.1 2.0 0
0.00 83. 1009. 0 ADJ-A1 NoSubs
19 9 10 253 24 -8.5 0.121 -9.000 -9.000 -999. 101. 18.7 0.0310 0.47 1.00 1.93 4.0 10.0 287.0 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 1 -7.1 0.110 -9.000 -9.000 -999. 88. 16.9 0.0310 0.47 1.00 1.77 9.0 10.0 287.0 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 2 -9.0 0.126 -9.000 -9.000 -999. 107. 19.8 0.0380 0.47 1.00 1.93 348.0 10.0 285.9 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 3 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0380 0.47 1.00 1.72 349.0 10.0 285.9 2.0 0
0.00 86. 1010. 3 ADJ-A1 NoSubs
19 9 11 254 4 -7.7 0.116 -9.000 -9.000 -999. 95. 18.1 0.0380 0.47 1.00 1.79 348.0 10.0 285.9 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
19 9 11 254 5 -2.8 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.47 1.00 1.08 39.0 10.0 285.9 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 9 11 254 6 -2.9 0.072 -9.000 -9.000 -999. 46. 11.7 0.0330 0.47 1.00 1.09 31.0 10.0 287.0 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 9 11 254 7 -2.1 0.071 -9.000 -9.000 -999. 46. 15.3 0.0330 0.47 0.43 1.14 315.0 10.0 287.0 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 9 11 254 8 8.1 0.123 0.221 0.010 48. 104. -21.1 0.0310 0.47 0.25 1.55 14.0 10.0 288.1 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 9 11 254 9 79.9 0.147 0.885 0.015 313. 135. -3.6 0.0370 0.47 0.19 1.45 167.0 10.0 292.0 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 9 11 254 10 113.8 0.156 1.064 0.014 382. 148. -3.0 0.0370 0.47 0.18 1.50 165.0 10.0 294.9 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
19 9 11 254 11 137.8 0.188 1.264 0.013 529. 196. -4.4 0.0370 0.47 0.17 1.91 178.0 10.0 298.1 2.0 0

0.00 49. 1012. 0 ADJ-A1 NoSubs
19 9 11 254 12 150.6 0.290 1.367 0.011 612. 374. -14.6 0.0380 0.47 0.17 3.37 211.0 10.0 300.4 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
19 9 11 254 13 151.5 0.279 1.407 0.009 664. 354. -12.9 0.0260 0.47 0.17 3.47 274.0 10.0 300.9 2.0 0
0.00 37. 1011. 0 ADJ-A1 NoSubs
19 9 11 254 14 140.1 0.306 1.400 0.007 706. 406. -18.4 0.0260 0.47 0.17 3.93 271.0 10.0 298.8 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 15 119.4 0.275 1.350 0.006 743. 347. -15.7 0.0290 0.47 0.18 3.41 268.0 10.0 300.9 2.0 0
0.00 32. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 16 87.6 0.272 1.232 0.005 768. 341. -20.7 0.0380 0.47 0.19 3.27 222.0 10.0 300.9 2.0 0
0.00 34. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 17 45.2 0.281 0.991 0.005 776. 358. -44.2 0.0370 0.47 0.24 3.59 177.0 10.0 295.9 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 18 0.1 0.209 0.105 0.005 773. 232. -8888.0 0.0370 0.47 0.39 2.93 155.0 10.0 292.5 2.0 0
0.00 65. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 19 -17.7 0.183 -9.000 -9.000 -999. 188. 36.7 0.0370 0.47 1.00 2.74 165.0 10.0 290.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 20 -5.8 0.098 -9.000 -9.000 -999. 77. 14.8 0.0230 0.47 1.00 1.67 186.0 10.0 290.4 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 21 -3.7 0.080 -9.000 -9.000 -999. 54. 12.5 0.0330 0.47 1.00 1.26 310.0 10.0 290.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 22 -6.5 0.106 -9.000 -9.000 -999. 83. 16.6 0.0380 0.47 1.00 1.65 330.0 10.0 289.2 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 23 -13.0 0.152 -9.000 -9.000 -999. 142. 25.5 0.0380 0.47 1.00 2.30 350.0 10.0 288.8 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 9 11 254 24 -7.9 0.117 -9.000 -9.000 -999. 97. 18.5 0.0380 0.47 1.00 1.81 338.0 10.0 288.8 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 9 12 255 1 -7.3 0.112 -9.000 -9.000 -999. 90. 17.6 0.0380 0.47 1.00 1.74 349.0 10.0 287.5 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
19 9 12 255 2 -8.4 0.121 -9.000 -9.000 -999. 101. 19.0 0.0380 0.47 1.00 1.86 349.0 10.0 287.5 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 9 12 255 3 -6.9 0.109 -9.000 -9.000 -999. 86. 17.0 0.0380 0.47 1.00 1.69 332.0 10.0 285.9 2.0 0
0.00 79. 1010. 0 ADJ-A1 NoSubs
19 9 12 255 4 -5.7 0.098 -9.000 -9.000 -999. 74. 15.1 0.0330 0.47 1.00 1.57 323.0 10.0 287.0 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 9 12 255 5 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0380 0.47 1.00 1.57 347.0 10.0 288.1 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
19 9 12 255 6 -8.4 0.121 -9.000 -9.000 -999. 101. 19.0 0.0380 0.47 1.00 1.86 337.0 10.0 286.4 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
19 9 12 255 7 -1.9 0.077 -9.000 -9.000 -999. 52. 21.4 0.0380 0.47 0.43 1.18 341.0 10.0 289.9 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 9 12 255 8 38.3 0.107 0.456 0.015 89. 84. -2.9 0.0330 0.47 0.25 1.06 41.0 10.0 293.1 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
19 9 12 255 9 81.1 0.168 0.820 0.013 245. 166. -5.3 0.0340 0.47 0.20 1.79 132.0 10.0 297.5 2.0 0
0.00 44. 1011. 0 ADJ-A1 NoSubs
19 9 12 255 10 115.9 0.162 1.046 0.011 356. 157. -3.3 0.0340 0.47 0.18 1.62 132.0 10.0 302.0 2.0 0
0.00 32. 1011. 0 ADJ-A1 NoSubs
19 9 12 255 11 140.7 0.170 1.194 0.008 436. 169. -3.2 0.0300 0.47 0.17 1.74 103.0 10.0 305.9 2.0 0
0.00 24. 1011. 0 ADJ-A1 NoSubs
19 9 12 255 12 153.4 0.188 1.294 0.005 509. 196. -3.9 0.0290 0.47 0.17 1.99 83.0 10.0 307.5 2.0 0
0.00 20. 1010. 0 ADJ-A1 NoSubs
19 9 12 255 13 154.0 0.238 1.427 0.005 680. 278. -7.8 0.0230 0.47 0.17 2.88 209.0 10.0 307.5 2.0 0
0.00 22. 1009. 0 ADJ-A1 Sub_TT
19 9 12 255 14 143.4 0.344 1.452 0.005 769. 485. -25.6 0.0290 0.47 0.17 4.44 256.0 10.0 307.5 2.0 0

0.00 21. 1009. 0 ADJ-A1 NoSubs
19 9 12 255 15 121.4 0.355 1.495 0.005 990. 507. -33.1 0.0290 0.47 0.18 4.66 256.0 10.0 307.0 2.0 0
0.00 21. 1008. 0 ADJ-A1 NoSubs
19 9 12 255 16 89.5 0.252 1.393 0.005 1085. 308. -16.0 0.0290 0.47 0.19 3.12 248.0 10.0 307.0 2.0 0
0.00 18. 1008. 0 ADJ-A1 NoSubs
19 9 12 255 17 45.7 0.242 1.121 0.005 1108. 286. -27.9 0.0380 0.47 0.24 2.98 213.0 10.0 300.4 2.0 0
0.00 44. 1008. 0 ADJ-A1 NoSubs
19 9 12 255 18 -0.1 0.206 -9.000 -9.000 -999. 225. 5304.3 0.0230 0.47 0.40 3.13 192.0 10.0 295.4 2.0 0
0.00 58. 1008. 0 ADJ-A1 NoSubs
19 9 12 255 19 -12.1 0.147 -9.000 -9.000 -999. 136. 23.8 0.0380 0.47 1.00 2.23 226.0 10.0 291.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
19 9 12 255 20 -3.4 0.077 -9.000 -9.000 -999. 53. 12.0 0.0290 0.47 1.00 1.23 266.0 10.0 291.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 Sub_CC
19 9 12 255 21 -4.5 0.087 -9.000 -9.000 -999. 62. 13.3 0.0260 0.47 1.00 1.45 289.0 10.0 292.0 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 9 12 255 22 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0330 0.47 1.00 1.57 321.0 10.0 291.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 9 12 255 23 -3.5 0.079 -9.000 -9.000 -999. 53. 12.6 0.0380 0.47 1.00 1.21 351.0 10.0 290.9 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 9 12 255 24 -6.5 0.106 -9.000 -9.000 -999. 83. 16.7 0.0380 0.47 1.00 1.65 344.0 10.0 291.4 2.0 0
0.00 60. 1009. 0 ADJ-A1 NoSubs
19 9 13 256 1 -9.8 0.132 -9.000 -9.000 -999. 114. 21.0 0.0380 0.47 1.00 2.01 345.0 10.0 290.9 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
19 9 13 256 2 -14.6 0.161 -9.000 -9.000 -999. 156. 28.7 0.0330 0.47 1.00 2.49 324.0 10.0 291.4 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
19 9 13 256 3 -5.6 0.099 -9.000 -9.000 -999. 75. 15.5 0.0380 0.47 1.00 1.54 335.0 10.0 291.4 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
19 9 13 256 4 -11.3 0.141 -9.000 -9.000 -999. 128. 22.6 0.0380 0.47 1.00 2.15 331.0 10.0 289.9 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
19 9 13 256 5 -12.7 0.151 -9.000 -9.000 -999. 141. 25.0 0.0380 0.47 1.00 2.28 343.0 10.0 289.2 2.0 0
0.00 57. 1009. 0 ADJ-A1 NoSubs
19 9 13 256 6 -11.6 0.143 -9.000 -9.000 -999. 129. 22.6 0.0330 0.47 1.00 2.22 327.0 10.0 289.9 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
19 9 13 256 7 -2.6 0.089 -9.000 -9.000 -999. 64. 24.7 0.0330 0.47 0.44 1.38 314.0 10.0 292.0 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
19 9 13 256 8 39.0 0.124 0.487 0.018 107. 105. -4.4 0.0330 0.47 0.25 1.30 42.0 10.0 297.0 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
19 9 13 256 9 81.9 0.145 0.777 0.014 206. 132. -3.4 0.0370 0.47 0.20 1.42 157.0 10.0 300.9 2.0 0
0.00 32. 1010. 0 ADJ-A1 NoSubs
19 9 13 256 10 116.3 0.189 0.972 0.010 285. 197. -5.2 0.0370 0.47 0.18 1.96 158.0 10.0 304.2 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
19 9 13 256 11 141.6 0.202 1.122 0.007 359. 218. -5.2 0.0370 0.47 0.17 2.10 168.0 10.0 308.8 2.0 0
0.00 18. 1009. 0 ADJ-A1 NoSubs
19 9 13 256 12 154.3 0.207 1.289 0.005 500. 227. -5.2 0.0230 0.47 0.17 2.40 201.0 10.0 310.4 2.0 0
0.00 15. 1009. 0 ADJ-A1 NoSubs
19 9 13 256 13 154.7 0.319 1.433 0.005 684. 433. -18.9 0.0290 0.47 0.17 4.02 246.0 10.0 310.1 2.0 0
0.00 13. 1008. 0 ADJ-A1 Sub_TT
19 9 13 256 14 143.8 0.375 1.529 0.005 894. 550. -32.9 0.0290 0.47 0.17 4.92 260.0 10.0 309.9 2.0 0
0.00 12. 1008. 0 ADJ-A1 NoSubs
19 9 13 256 15 122.1 0.349 1.550 0.005 1097. 495. -31.2 0.0290 0.47 0.18 4.56 260.0 10.0 309.9 2.0 0
0.00 12. 1007. 0 ADJ-A1 NoSubs
19 9 13 256 16 90.1 0.314 1.453 0.005 1224. 422. -30.8 0.0290 0.47 0.19 4.10 250.0 10.0 309.9 2.0 0
0.00 13. 1007. 0 ADJ-A1 NoSubs
19 9 13 256 17 44.4 0.284 1.151 0.005 1236. 364. -46.4 0.0370 0.47 0.24 3.64 178.0 10.0 299.9 2.0 0

0.00 42. 1007. 0 ADJ-A1 NoSubs
19 9 13 256 18 -1.5 0.199 -9.000 -9.000 -999. 216. 461.4 0.0230 0.47 0.41 3.07 193.0 10.0 294.9 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
19 9 13 256 19 -8.5 0.122 -9.000 -9.000 -999. 105. 19.4 0.0380 0.47 1.00 1.88 229.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-A1 NoSubs
19 9 13 256 20 -7.5 0.115 -9.000 -9.000 -999. 93. 18.1 0.0380 0.47 1.00 1.77 229.0 10.0 292.0 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
19 9 13 256 21 -5.5 0.097 -9.000 -9.000 -999. 73. 15.0 0.0330 0.47 1.00 1.55 316.0 10.0 292.5 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 9 13 256 22 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0330 0.47 1.00 1.48 316.0 10.0 289.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 9 13 256 23 -5.5 0.098 -9.000 -9.000 -999. 74. 15.4 0.0380 0.47 1.00 1.53 347.0 10.0 291.4 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 9 13 256 24 -15.0 0.164 -9.000 -9.000 -999. 160. 29.7 0.0380 0.47 1.00 2.47 337.0 10.0 292.0 2.0 0
0.00 55. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 1 -13.7 0.157 -9.000 -9.000 -999. 150. 27.2 0.0380 0.47 1.00 2.37 348.0 10.0 291.4 2.0 0
0.00 55. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 2 -5.3 0.096 -9.000 -9.000 -999. 72. 15.1 0.0380 0.47 1.00 1.50 354.0 10.0 290.9 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 3 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.47 1.00 1.38 325.0 10.0 287.0 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 4 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0330 0.47 1.00 1.48 311.0 10.0 288.8 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 5 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0380 0.47 1.00 1.18 341.0 10.0 288.1 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 6 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.47 1.00 1.14 348.0 10.0 288.1 2.0 0
0.00 66. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 7 -2.5 0.085 -9.000 -9.000 -999. 60. 22.5 0.0380 0.47 0.44 1.30 333.0 10.0 290.9 2.0 0
0.00 57. 1009. 0 ADJ-A1 NoSubs
19 9 14 257 8 37.8 0.097 0.448 0.019 85. 72. -2.2 0.0330 0.47 0.25 0.91 32.0 10.0 295.4 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
19 9 14 257 9 79.9 0.145 0.716 0.016 165. 132. -3.4 0.0340 0.47 0.20 1.45 149.0 10.0 297.5 2.0 0
0.00 42. 1009. 0 ADJ-A1 NoSubs
19 9 14 257 10 113.9 0.205 0.927 0.013 252. 223. -6.8 0.0370 0.47 0.18 2.21 167.0 10.0 300.4 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
19 9 14 257 11 137.4 0.279 1.122 0.010 370. 353. -14.2 0.0230 0.47 0.17 3.58 205.0 10.0 302.0 2.0 0
0.00 31. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 12 149.7 0.315 1.309 0.007 539. 423. -18.7 0.0230 0.47 0.17 4.14 202.0 10.0 303.1 2.0 0
0.00 31. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 13 148.7 0.359 1.346 0.005 590. 516. -28.0 0.0230 0.47 0.17 4.87 200.0 10.0 299.9 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
19 9 14 257 14 137.9 0.333 1.360 0.005 656. 461. -23.9 0.0230 0.47 0.17 4.46 193.0 10.0 299.9 2.0 0
0.00 37. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 15 114.0 0.345 1.315 0.005 717. 487. -32.4 0.0370 0.47 0.18 4.32 175.0 10.0 294.2 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 16 81.5 0.314 1.200 0.005 762. 422. -34.0 0.0230 0.47 0.19 4.31 186.0 10.0 293.1 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 17 40.5 0.318 0.959 0.005 782. 431. -71.4 0.0370 0.47 0.24 4.17 176.0 10.0 292.0 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 18 -6.3 0.305 -9.000 -9.000 -999. 405. 407.8 0.0370 0.47 0.41 4.34 165.0 10.0 289.9 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 19 -24.2 0.248 -9.000 -9.000 -999. 297. 67.4 0.0370 0.47 1.00 3.66 155.0 10.0 288.1 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 20 -6.9 0.109 -9.000 -9.000 -999. 101. 16.9 0.0340 0.47 1.00 1.72 127.0 10.0 288.1 2.0 0

0.00 86. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 21 -6.3 0.104 -9.000 -9.000 -999. 81. 16.1 0.0340 0.47 1.00 1.65 133.0 10.0 287.5 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 22 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0380 0.47 1.00 0.94 348.0 10.0 286.4 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 23 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0290 0.47 1.00 1.26 264.0 10.0 286.4 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 9 14 257 24 -6.0 0.100 -9.000 -9.000 -999. 76. 15.0 0.0230 0.47 1.00 1.70 198.0 10.0 286.4 2.0 0
0.00 96. 1007. 10 ADJ-A1 NoSubs
19 9 15 258 1 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0300 0.47 1.00 1.55 108.0 10.0 287.0 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 9 15 258 2 -13.9 0.156 -9.000 -9.000 -999. 148. 26.7 0.0300 0.47 1.00 2.45 102.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 9 15 258 3 -6.9 0.108 -9.000 -9.000 -999. 86. 16.5 0.0290 0.47 1.00 1.76 76.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 9 15 258 4 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0290 0.47 1.00 1.54 68.0 10.0 286.4 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 9 15 258 5 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.47 1.00 1.28 59.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 9 15 258 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 92. 1007. 10 ADJ-SFC NoSubs
19 9 15 258 7 -5.5 0.112 -9.000 -9.000 -999. 90. 22.8 0.0310 0.47 0.45 1.76 16.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-SFC NoSubs
19 9 15 258 8 7.1 0.210 0.389 0.029 297. 231. -118.1 0.0340 0.47 0.25 2.86 121.0 10.0 286.4 2.0 0
0.00 92. 1007. 10 ADJ-SFC NoSubs
19 9 15 258 9 17.5 -9.000 -9.000 -9.000 382. -999. -99999.0 0.0317 0.47 0.20 0.00 0.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
19 9 15 258 10 26.4 0.151 0.709 0.033 485. 141. -11.7 0.0340 0.47 0.18 1.76 128.0 10.0 289.9 2.0 0
0.00 74. 1008. 10 ADJ-SFC NoSubs
19 9 15 258 11 133.4 0.252 1.281 0.033 567. 304. -10.8 0.0370 0.47 0.17 2.86 176.0 10.0 293.1 2.0 0
0.00 62. 1008. 0 ADJ-SFC NoSubs
19 9 15 258 12 145.2 0.297 1.324 0.031 575. 388. -16.2 0.0230 0.47 0.17 3.86 183.0 10.0 293.8 2.0 0
0.00 62. 1007. 0 ADJ-SFC NoSubs
19 9 15 258 13 145.3 0.235 1.330 0.030 582. 275. -8.0 0.0230 0.47 0.17 2.86 199.0 10.0 292.5 2.0 0
0.00 65. 1007. 0 ADJ-SFC NoSubs
19 9 15 258 14 134.8 0.173 1.302 0.028 589. 173. -3.4 0.0317 0.47 0.17 1.76 999.0 10.0 293.8 2.0 0
0.00 60. 1006. 0 ADJ-SFC NoSubs
19 9 15 258 15 112.8 0.252 1.232 0.026 594. 303. -12.7 0.0230 0.47 0.18 3.20 181.0 10.0 293.8 2.0 0
0.00 65. 1006. 0 ADJ-A1 NoSubs
19 9 15 258 16 80.6 0.279 1.104 0.025 598. 354. -24.2 0.0370 0.47 0.19 3.42 159.0 10.0 293.8 2.0 0
0.00 62. 1005. 0 ADJ-A1 NoSubs
19 9 15 258 17 39.5 0.286 0.871 0.025 600. 367. -53.1 0.0340 0.47 0.25 3.75 142.0 10.0 292.5 2.0 0
0.00 67. 1005. 0 ADJ-A1 NoSubs
19 9 15 258 18 -6.5 0.261 -9.000 -9.000 -999. 320. 242.8 0.0340 0.47 0.42 3.80 133.0 10.0 290.4 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
19 9 15 258 19 -16.5 0.171 -9.000 -9.000 -999. 173. 32.1 0.0300 0.47 1.00 2.67 106.0 10.0 289.9 2.0 0
0.00 83. 1006. 2 ADJ-A1 NoSubs
19 9 15 258 20 -9.8 0.131 -9.000 -9.000 -999. 113. 20.4 0.0300 0.47 1.00 2.08 98.0 10.0 289.9 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
19 9 15 258 21 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0330 0.47 1.00 1.45 56.0 10.0 289.9 2.0 0
0.00 83. 1007. 4 ADJ-A1 NoSubs
19 9 15 258 22 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0330 0.47 1.00 1.45 53.0 10.0 290.4 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
19 9 15 258 23 -6.4 0.105 -9.000 -9.000 -999. 82. 16.1 0.0300 0.47 1.00 1.70 103.0 10.0 289.9 2.0 0

0.00 83. 1007. 10 ADJ-A1 NoSubs
19 9 15 258 24 -7.9 0.117 -9.000 -9.000 -999. 96. 18.1 0.0300 0.47 1.00 1.88 103.0 10.0 289.2 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 9 16 259 1 -2.6 0.069 -9.000 -9.000 -999. 43. 11.3 0.0290 0.47 1.00 1.04 72.0 10.0 289.9 2.0 0
0.00 86. 1007. 10 ADJ-A1 NoSubs
19 9 16 259 2 -5.8 0.100 -9.000 -9.000 -999. 76. 15.3 0.0300 0.47 1.00 1.62 99.0 10.0 289.9 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
19 9 16 259 3 -4.4 0.087 -9.000 -9.000 -999. 62. 13.3 0.0290 0.47 1.00 1.42 68.0 10.0 289.9 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 9 16 259 4 -3.9 0.082 -9.000 -9.000 -999. 56. 12.7 0.0310 0.47 1.00 1.31 22.0 10.0 289.9 2.0 0
0.00 89. 1007. 10 ADJ-A1 NoSubs
19 9 16 259 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 289.9 2.0
11 0.30 93. 1007. 10 ADJ-SFC NoSubs
19 9 16 259 6 -7.1 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.47 1.00 1.76 324.0 10.0 289.9 2.0 11
0.50 93. 1007. 10 ADJ-SFC NoSubs
19 9 16 259 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.45 0.00 0.0 10.0 290.4 2.0
11 1.00 96. 1008. 10 ADJ-SFC NoSubs
19 9 16 259 8 7.8 0.135 0.370 0.005 232. 119. -28.4 0.0290 0.47 0.26 1.76 250.0 10.0 290.4 2.0 0
0.00 999. 1008. 10 ADJ-SFC NoSubs
19 9 16 259 9 18.3 0.209 0.554 0.005 334. 230. -45.1 0.0260 0.47 0.20 2.86 280.0 10.0 290.9 2.0 11
0.80 999. 1008. 10 ADJ-SFC NoSubs
19 9 16 259 10 91.6 0.212 1.173 0.005 635. 235. -9.4 0.0380 0.47 0.18 2.36 234.0 10.0 293.1 2.0 0
0.00 999. 1009. 7 ADJ-SFC NoSubs
19 9 16 259 11 109.0 0.415 1.355 0.005 823. 642. -59.1 0.0380 0.47 0.17 5.36 221.0 10.0 292.5 2.0 0
0.00 999. 1009. 7 ADJ-SFC NoSubs
19 9 16 259 12 144.6 0.371 1.578 0.005 979. 544. -31.8 0.0290 0.47 0.17 4.86 250.0 10.0 294.2 2.0 0
0.00 999. 1009. 0 ADJ-SFC NoSubs
19 9 16 259 13 145.2 0.421 1.649 0.005 1114. 655. -46.2 0.0380 0.47 0.17 5.36 223.0 10.0 294.9 2.0 0
0.00 999. 1009. 0 ADJ-SFC NoSubs
19 9 16 259 14 137.2 0.357 1.672 0.006 1229. 514. -29.8 0.0230 0.47 0.17 4.86 205.0 10.0 295.9 2.0 0
0.00 83. 1009. 2 ADJ-SFC NoSubs
19 9 16 259 15 112.5 0.261 1.601 0.006 1315. 326. -14.3 0.0230 0.47 0.18 3.36 191.0 10.0 295.9 2.0 0
0.00 58. 1009. 0 ADJ-SFC NoSubs
19 9 16 259 16 80.4 0.234 1.453 0.006 1374. 273. -14.4 0.0300 0.47 0.20 2.86 102.0 10.0 296.4 2.0 0
0.00 52. 1009. 0 ADJ-SFC NoSubs
19 9 16 259 17 39.2 0.254 1.151 0.006 1400. 307. -37.5 0.0290 0.47 0.25 3.36 89.0 10.0 295.4 2.0 0
0.00 56. 1009. 0 ADJ-SFC NoSubs
19 9 16 259 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.43 0.00 0.0 10.0 294.2 2.0
0 0.00 60. 1009. 0 ADJ-SFC NoSubs
19 9 16 259 19 -3.6 0.078 -9.000 -9.000 -999. 52. 12.0 0.0260 0.47 1.00 1.28 284.0 10.0 290.4 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 9 16 259 20 -9.6 0.130 -9.000 -9.000 -999. 113. 20.6 0.0380 0.47 1.00 1.99 226.0 10.0 289.2 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 9 16 259 21 -5.3 0.095 -9.000 -9.000 -999. 70. 14.5 0.0290 0.47 1.00 1.55 265.0 10.0 288.8 2.0 0
0.00 83. 1010. 0 ADJ-A1 NoSubs
19 9 16 259 22 -9.6 0.129 -9.000 -9.000 -999. 112. 20.2 0.0330 0.47 1.00 2.03 327.0 10.0 287.5 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 9 16 259 23 -5.5 0.096 -9.000 -9.000 -999. 72. 14.8 0.0330 0.47 1.00 1.54 322.0 10.0 285.4 2.0 0
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19 9 16 259 24 -6.5 0.106 -9.000 -9.000 -999. 82. 16.4 0.0380 0.47 1.00 1.64 339.0 10.0 285.4 2.0 0
0.00 86. 1010. 0 ADJ-A1 NoSubs
19 9 17 260 1 -10.6 0.136 -9.000 -9.000 -999. 121. 21.6 0.0380 0.47 1.00 2.08 346.0 10.0 285.4 2.0 0
0.00 86. 1011. 0 ADJ-A1 NoSubs
19 9 17 260 2 -13.1 0.152 -9.000 -9.000 -999. 142. 25.5 0.0380 0.47 1.00 2.30 331.0 10.0 285.4 2.0 0

0.00 86. 1011. 0 ADJ-A1 NoSubs
19 9 17 260 3 -4.2 0.085 -9.000 -9.000 -999. 60. 13.2 0.0380 0.47 1.00 1.31 355.0 10.0 284.2 2.0 0
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19 9 17 260 4 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.47 1.00 1.59 342.0 10.0 284.2 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 9 17 260 5 -10.6 0.136 -9.000 -9.000 -999. 121. 21.5 0.0380 0.47 1.00 2.08 342.0 10.0 284.9 2.0 0
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19 9 17 260 6 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.47 1.00 1.50 335.0 10.0 284.2 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 9 17 260 7 -2.6 0.079 -9.000 -9.000 -999. 54. 17.7 0.0380 0.47 0.45 1.23 349.0 10.0 285.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 9 17 260 8 34.1 0.108 0.586 0.008 212. 85. -3.3 0.0330 0.47 0.26 1.08 44.0 10.0 289.2 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
19 9 17 260 9 76.1 0.133 0.979 0.008 445. 116. -2.8 0.0300 0.47 0.20 1.33 98.0 10.0 292.0 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
19 9 17 260 10 109.8 0.153 1.137 0.006 484. 144. -2.9 0.0370 0.47 0.18 1.47 150.0 10.0 294.9 2.0 0
0.00 54. 1012. 0 ADJ-A1 NoSubs
19 9 17 260 11 133.0 0.293 1.250 0.005 531. 381. -17.1 0.0380 0.47 0.17 3.46 239.0 10.0 296.4 2.0 0
0.00 47. 1012. 0 ADJ-A1 NoSubs
19 9 17 260 12 144.4 0.330 1.447 0.005 757. 455. -22.5 0.0290 0.47 0.17 4.22 258.0 10.0 295.9 2.0 0
0.00 47. 1012. 0 ADJ-A1 NoSubs
19 9 17 260 13 144.7 0.401 1.543 0.005 917. 609. -40.1 0.0290 0.47 0.17 5.33 262.0 10.0 295.9 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
19 9 17 260 14 134.4 0.292 1.573 0.006 1046. 386. -16.7 0.0290 0.47 0.17 3.64 264.0 10.0 298.1 2.0 0
0.00 36. 1011. 0 ADJ-A1 NoSubs
19 9 17 260 15 112.8 0.294 1.561 0.005 1216. 383. -20.3 0.0290 0.47 0.18 3.73 245.0 10.0 299.2 2.0 0
0.00 33. 1010. 0 ADJ-A1 NoSubs
19 9 17 260 16 79.9 0.276 1.434 0.007 1331. 348. -23.7 0.0290 0.47 0.20 3.54 251.0 10.0 298.1 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
19 9 17 260 17 39.0 0.167 1.133 0.007 1344. 169. -10.7 0.0290 0.47 0.25 1.99 256.0 10.0 298.1 2.0 0
0.00 35. 1009. 0 ADJ-A1 NoSubs
19 9 17 260 18 -5.1 0.168 -9.000 -9.000 -999. 165. 83.2 0.0340 0.47 0.44 2.50 138.0 10.0 294.2 2.0 0
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19 9 17 260 19 -20.8 0.214 -9.000 -9.000 -999. 237. 50.3 0.0370 0.47 1.00 3.18 157.0 10.0 290.9 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 9 17 260 20 -7.4 0.112 -9.000 -9.000 -999. 94. 16.9 0.0230 0.47 1.00 1.88 208.0 10.0 289.9 2.0 0
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19 9 17 260 21 -2.6 0.068 -9.000 -9.000 -999. 43. 11.1 0.0260 0.47 1.00 1.06 270.0 10.0 289.2 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 9 17 260 22 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0380 0.47 1.00 1.57 344.0 10.0 288.1 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 9 17 260 23 -8.4 0.121 -9.000 -9.000 -999. 101. 19.0 0.0380 0.47 1.00 1.86 342.0 10.0 287.0 2.0 0
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19 9 17 260 24 -9.1 0.126 -9.000 -9.000 -999. 108. 19.9 0.0380 0.47 1.00 1.94 335.0 10.0 286.4 2.0 0
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19 9 18 261 1 -10.6 0.136 -9.000 -9.000 -999. 121. 21.6 0.0380 0.47 1.00 2.08 337.0 10.0 286.4 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 9 18 261 2 -11.1 0.140 -9.000 -9.000 -999. 126. 22.2 0.0380 0.47 1.00 2.13 330.0 10.0 285.9 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 9 18 261 3 -6.1 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.47 1.00 1.60 339.0 10.0 285.4 2.0 0
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19 9 18 261 4 -2.9 0.072 -9.000 -9.000 -999. 47. 11.6 0.0310 0.47 1.00 1.11 1.0 10.0 284.9 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
19 9 18 261 5 -5.7 0.099 -9.000 -9.000 -999. 75. 15.3 0.0380 0.47 1.00 1.54 339.0 10.0 284.9 2.0 0

0.00 85. 1009. 0 ADJ-A1 NoSubs
19 9 18 261 6 -9.4 0.128 -9.000 -9.000 -999. 110. 20.1 0.0380 0.47 1.00 1.96 339.0 10.0 284.9 2.0 0
0.00 85. 1009. 0 ADJ-A1 NoSubs
19 9 18 261 7 -5.8 0.121 -9.000 -9.000 -999. 102. 27.8 0.0380 0.47 0.46 1.82 334.0 10.0 287.5 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 9 18 261 8 33.9 0.106 0.610 0.005 241. 83. -3.2 0.0290 0.47 0.26 1.09 61.0 10.0 290.9 2.0 0
0.00 67. 1010. 0 ADJ-A1 NoSubs
19 9 18 261 9 78.7 0.155 1.195 0.008 781. 146. -4.2 0.0300 0.47 0.20 1.64 114.0 10.0 293.1 2.0 0
0.00 62. 1010. 4 ADJ-A1 NoSubs
19 9 18 261 10 27.4 0.155 0.852 0.009 813. 147. -12.4 0.0300 0.47 0.18 1.87 115.0 10.0 294.9 2.0 0
0.00 56. 1010. 10 ADJ-A1 NoSubs
19 9 18 261 11 33.8 0.155 0.928 0.009 852. 147. -10.0 0.0330 0.47 0.17 1.79 309.0 10.0 297.0 2.0 0
0.00 52. 1009. 10 ADJ-A1 NoSubs
19 9 18 261 12 36.3 0.306 0.964 0.008 890. 407. -71.3 0.0290 0.47 0.17 4.20 243.0 10.0 295.9 2.0 0
0.00 58. 1009. 10 ADJ-A1 NoSubs
19 9 18 261 13 36.3 0.295 0.978 0.008 926. 384. -63.5 0.0290 0.47 0.17 4.02 252.0 10.0 295.9 2.0 0
0.00 58. 1009. 10 ADJ-A1 NoSubs
19 9 18 261 14 134.0 0.361 1.574 0.010 1048. 520. -31.5 0.0380 0.47 0.17 4.48 232.0 10.0 296.4 2.0 0
0.00 59. 1008. 4 ADJ-A1 NoSubs
19 9 18 261 15 112.1 0.393 1.503 0.012 1091. 591. -48.7 0.0380 0.47 0.18 5.02 237.0 10.0 295.4 2.0 0
0.00 63. 1008. 4 ADJ-A1 NoSubs
19 9 18 261 16 65.8 0.306 1.268 0.012 1114. 411. -39.3 0.0290 0.47 0.20 4.07 261.0 10.0 292.5 2.0 0
0.00 78. 1008. 7 ADJ-A1 NoSubs
19 9 18 261 17 8.2 0.223 0.634 0.012 1117. 255. -121.1 0.0290 0.47 0.25 3.12 241.0 10.0 291.4 2.0 0
0.00 77. 1008. 10 ADJ-A1 NoSubs
19 9 18 261 18 -3.3 0.096 -9.000 -9.000 -999. 84. 24.1 0.0340 0.47 0.45 1.48 147.0 10.0 290.9 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 9 18 261 19 -3.9 0.082 -9.000 -9.000 -999. 56. 12.6 0.0290 0.47 1.00 1.33 66.0 10.0 290.9 2.0 0
0.00 80. 1007. 2 ADJ-A1 NoSubs
19 9 18 261 20 -3.1 0.074 -9.000 -9.000 -999. 48. 11.9 0.0330 0.47 1.00 1.14 49.0 10.0 289.9 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 9 18 261 21 -4.7 0.090 -9.000 -9.000 -999. 64. 13.8 0.0330 0.47 1.00 1.43 324.0 10.0 288.8 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 9 18 261 22 -6.3 0.104 -9.000 -9.000 -999. 81. 16.3 0.0380 0.47 1.00 1.62 341.0 10.0 288.1 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 9 18 261 23 -5.9 0.100 -9.000 -9.000 -999. 76. 15.4 0.0330 0.47 1.00 1.60 314.0 10.0 287.5 2.0 0
0.00 89. 1008. 0 ADJ-A1 NoSubs
19 9 18 261 24 -9.3 0.128 -9.000 -9.000 -999. 110. 20.2 0.0380 0.47 1.00 1.96 346.0 10.0 286.4 2.0 0
0.00 89. 1008. 2 ADJ-A1 NoSubs
19 9 19 262 1 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0330 0.47 1.00 1.77 322.0 10.0 286.4 2.0 0
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19 9 19 262 2 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0380 0.47 1.00 1.72 353.0 10.0 285.9 2.0 0
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19 9 19 262 3 -4.5 0.088 -9.000 -9.000 -999. 63. 13.7 0.0380 0.47 1.00 1.37 342.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 19 262 4 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0310 0.47 1.00 1.23 20.0 10.0 287.5 2.0 0
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19 9 19 262 5 -4.4 0.087 -9.000 -9.000 -999. 62. 13.6 0.0380 0.47 1.00 1.35 351.0 10.0 287.0 2.0 0
0.00 86. 1008. 10 ADJ-A1 NoSubs
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0.00 86. 1009. 4 ADJ-A1 NoSubs
19 9 19 262 7 -1.6 0.082 -9.000 -9.000 -999. 57. 30.5 0.0380 0.47 0.46 1.23 359.0 10.0 287.5 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
19 9 19 262 8 6.8 0.131 0.186 0.005 34. 114. -29.7 0.0290 0.47 0.26 1.71 69.0 10.0 288.1 2.0 0

0.00 83. 1009. 10 ADJ-A1 NoSubs
19 9 19 262 9 74.5 0.154 1.048 0.007 557. 146. -4.4 0.0300 0.47 0.20 1.65 116.0 10.0 290.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 9 19 262 10 107.9 0.222 1.261 0.006 670. 250. -9.1 0.0370 0.47 0.18 2.47 173.0 10.0 293.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 9 19 262 11 131.0 0.243 1.400 0.006 755. 287. -9.8 0.0230 0.47 0.17 3.01 198.0 10.0 294.9 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 9 19 262 12 142.4 0.347 1.481 0.005 821. 490. -26.3 0.0380 0.47 0.17 4.25 217.0 10.0 294.9 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 9 19 262 13 142.7 0.365 1.533 0.005 908. 530. -30.7 0.0380 0.47 0.17 4.53 220.0 10.0 295.4 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
19 9 19 262 14 131.5 0.332 1.570 0.005 1059. 460. -25.0 0.0380 0.47 0.17 4.05 234.0 10.0 295.4 2.0 0
0.00 50. 1008. 0 ADJ-A1 NoSubs
19 9 19 262 15 109.6 0.302 1.529 0.005 1174. 399. -22.6 0.0380 0.47 0.18 3.66 239.0 10.0 296.4 2.0 0
0.00 40. 1007. 0 ADJ-A1 NoSubs
19 9 19 262 16 76.7 0.249 1.384 0.005 1242. 300. -18.1 0.0380 0.47 0.20 2.96 238.0 10.0 295.4 2.0 0
0.00 47. 1007. 0 ADJ-A1 NoSubs
19 9 19 262 17 35.4 0.176 1.079 0.005 1273. 179. -13.9 0.0230 0.47 0.26 2.26 183.0 10.0 294.9 2.0 0
0.00 54. 1007. 0 ADJ-A1 Sub_CC
19 9 19 262 18 -10.6 0.237 -9.000 -9.000 -999. 277. 112.9 0.0370 0.47 0.46 3.46 155.0 10.0 290.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
19 9 19 262 19 -17.5 0.180 -9.000 -9.000 -999. 184. 35.6 0.0340 0.47 1.00 2.74 149.0 10.0 289.2 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 9 19 262 20 -14.6 0.161 -9.000 -9.000 -999. 155. 28.5 0.0340 0.47 1.00 2.47 141.0 10.0 288.8 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 9 19 262 21 -4.5 0.088 -9.000 -9.000 -999. 64. 13.5 0.0310 0.47 1.00 1.42 6.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 9 19 262 22 -8.5 0.122 -9.000 -9.000 -999. 103. 19.2 0.0380 0.47 1.00 1.88 334.0 10.0 287.0 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 9 19 262 23 -8.2 0.119 -9.000 -9.000 -999. 99. 18.7 0.0380 0.47 1.00 1.84 336.0 10.0 286.4 2.0 0
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19 9 19 262 24 -8.0 0.118 -9.000 -9.000 -999. 97. 18.5 0.0380 0.47 1.00 1.82 340.0 10.0 285.9 2.0 0
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19 9 20 263 1 -11.3 0.141 -9.000 -9.000 -999. 128. 22.4 0.0380 0.47 1.00 2.15 346.0 10.0 285.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 2 -6.9 0.109 -9.000 -9.000 -999. 86. 16.9 0.0380 0.47 1.00 1.69 334.0 10.0 285.4 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 3 -6.5 0.106 -9.000 -9.000 -999. 83. 16.5 0.0380 0.47 1.00 1.65 342.0 10.0 285.4 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 4 -10.9 0.139 -9.000 -9.000 -999. 124. 21.9 0.0380 0.47 1.00 2.11 331.0 10.0 285.4 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 5 -16.0 0.169 -9.000 -9.000 -999. 167. 31.5 0.0380 0.47 1.00 2.54 331.0 10.0 284.9 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 6 -8.2 0.119 -9.000 -9.000 -999. 99. 18.7 0.0380 0.47 1.00 1.84 346.0 10.0 284.9 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 7 -1.2 0.053 -9.000 -9.000 -999. 31. 11.6 0.0310 0.47 0.47 0.82 3.0 10.0 287.0 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 9 20 263 8 32.2 0.101 0.516 0.013 153. 77. -2.9 0.0340 0.47 0.26 0.99 127.0 10.0 289.2 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 9 20 263 9 74.4 0.142 0.849 0.010 296. 129. -3.5 0.0370 0.47 0.20 1.40 151.0 10.0 293.1 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 9 20 263 10 108.1 0.146 1.035 0.008 369. 133. -2.6 0.0340 0.47 0.18 1.40 149.0 10.0 295.9 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
19 9 20 263 11 131.7 0.184 1.152 0.005 418. 189. -4.3 0.0370 0.47 0.17 1.86 153.0 10.0 298.8 2.0 0

0.00 36. 1009. 0 ADJ-A1 NoSubs
19 9 20 263 12 143.5 0.295 1.249 0.005 489. 384. -16.1 0.0380 0.47 0.17 3.46 229.0 10.0 299.9 2.0 0
0.00 33. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 13 143.1 0.342 1.477 0.005 810. 480. -25.2 0.0290 0.47 0.17 4.41 247.0 10.0 298.8 2.0 0
0.00 36. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 14 131.8 0.353 1.667 0.005 1266. 504. -30.1 0.0290 0.47 0.17 4.61 259.0 10.0 298.8 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 15 109.0 0.300 1.620 0.005 1403. 396. -22.3 0.0380 0.47 0.18 3.63 238.0 10.0 297.5 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
19 9 20 263 16 76.3 0.211 1.469 0.007 1494. 235. -11.0 0.0230 0.47 0.20 2.64 183.0 10.0 297.5 2.0 0
0.00 47. 1007. 0 ADJ-A1 NoSubs
19 9 20 263 17 34.8 0.202 1.140 0.008 1529. 218. -21.2 0.0340 0.47 0.26 2.49 122.0 10.0 296.4 2.0 0
0.00 51. 1006. 0 ADJ-A1 NoSubs
19 9 20 263 18 -10.9 0.229 -9.000 -9.000 -999. 263. 99.2 0.0370 0.47 0.46 3.35 163.0 10.0 292.0 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
19 9 20 263 19 -17.5 0.181 -9.000 -9.000 -999. 185. 35.9 0.0370 0.47 1.00 2.71 151.0 10.0 290.4 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
19 9 20 263 20 -11.3 0.141 -9.000 -9.000 -999. 128. 22.6 0.0370 0.47 1.00 2.16 161.0 10.0 289.9 2.0 0
0.00 72. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 21 -7.0 0.110 -9.000 -9.000 -999. 88. 17.3 0.0380 0.47 1.00 1.71 353.0 10.0 289.2 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 22 -8.8 0.124 -9.000 -9.000 -999. 105. 19.6 0.0380 0.47 1.00 1.91 340.0 10.0 288.1 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 23 -12.2 0.147 -9.000 -9.000 -999. 135. 23.8 0.0380 0.47 1.00 2.23 338.0 10.0 287.5 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 9 20 263 24 -12.2 0.147 -9.000 -9.000 -999. 136. 23.8 0.0380 0.47 1.00 2.23 334.0 10.0 288.1 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
19 9 21 264 1 -8.5 0.122 -9.000 -9.000 -999. 103. 19.2 0.0380 0.47 1.00 1.88 345.0 10.0 287.5 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
19 9 21 264 2 -11.6 0.144 -9.000 -9.000 -999. 131. 22.9 0.0380 0.47 1.00 2.18 336.0 10.0 287.0 2.0 0
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19 9 21 264 3 -12.3 0.147 -9.000 -9.000 -999. 135. 23.7 0.0330 0.47 1.00 2.28 328.0 10.0 287.5 2.0 0
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19 9 21 264 4 -3.9 0.083 -9.000 -9.000 -999. 58. 13.0 0.0380 0.47 1.00 1.28 337.0 10.0 286.4 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
19 9 21 264 5 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0330 0.47 1.00 1.64 322.0 10.0 286.4 2.0 0
0.00 74. 1008. 0 ADJ-A1 NoSubs
19 9 21 264 6 -5.6 0.098 -9.000 -9.000 -999. 74. 15.2 0.0380 0.47 1.00 1.53 332.0 10.0 285.9 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
19 9 21 264 7 -5.3 0.112 -9.000 -9.000 -999. 89. 23.8 0.0380 0.47 0.47 1.69 339.0 10.0 287.5 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 9 21 264 8 32.0 0.122 0.495 0.012 136. 102. -5.1 0.0300 0.47 0.26 1.33 95.0 10.0 290.9 2.0 0
0.00 57. 1009. 0 ADJ-A1 NoSubs
19 9 21 264 9 74.3 0.157 0.847 0.011 295. 149. -4.7 0.0340 0.47 0.20 1.64 121.0 10.0 294.9 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 9 21 264 10 108.4 0.154 1.047 0.008 381. 144. -3.0 0.0370 0.47 0.18 1.48 154.0 10.0 298.8 2.0 0
0.00 35. 1009. 0 ADJ-A1 NoSubs
19 9 21 264 11 132.5 0.157 1.198 0.006 467. 150. -2.6 0.0340 0.47 0.17 1.52 139.0 10.0 302.5 2.0 0
0.00 28. 1008. 0 ADJ-A1 NoSubs
19 9 21 264 12 144.1 0.209 1.297 0.005 544. 229. -5.7 0.0380 0.47 0.17 2.18 219.0 10.0 303.1 2.0 0
0.00 24. 1007. 0 ADJ-A1 NoSubs
19 9 21 264 13 144.1 0.347 1.420 0.005 714. 491. -26.0 0.0380 0.47 0.17 4.25 239.0 10.0 303.1 2.0 0
0.00 27. 1006. 0 ADJ-A1 NoSubs
19 9 21 264 14 133.0 0.378 1.520 0.005 949. 558. -36.5 0.0290 0.47 0.17 5.00 265.0 10.0 303.8 2.0 0

0.00 23. 1006. 0 ADJ-A1 NoSubs
19 9 21 264 15 109.8 0.396 1.499 0.005 1103. 597. -50.6 0.0290 0.47 0.18 5.33 267.0 10.0 302.0 2.0 0
0.00 26. 1005. 0 ADJ-A1 NoSubs
19 9 21 264 16 77.0 0.262 1.351 0.005 1148. 334. -20.9 0.0260 0.47 0.20 3.40 277.0 10.0 302.0 2.0 0
0.00 31. 1005. 0 ADJ-A1 NoSubs
19 9 21 264 17 35.1 0.152 1.045 0.005 1165. 149. -8.9 0.0340 0.47 0.26 1.72 135.0 10.0 300.4 2.0 0
0.00 41. 1005. 0 ADJ-A1 NoSubs
19 9 21 264 18 -12.1 0.241 -9.000 -9.000 -999. 284. 104.1 0.0370 0.47 0.47 3.52 172.0 10.0 293.8 2.0 0
0.00 62. 1006. 0 ADJ-A1 NoSubs
19 9 21 264 19 -9.9 0.133 -9.000 -9.000 -999. 122. 21.2 0.0380 0.47 1.00 2.03 218.0 10.0 290.9 2.0 0
0.00 72. 1007. 0 ADJ-A1 NoSubs
19 9 21 264 20 -6.8 0.108 -9.000 -9.000 -999. 86. 16.7 0.0290 0.47 1.00 1.76 263.0 10.0 291.4 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
19 9 21 264 21 -10.6 0.136 -9.000 -9.000 -999. 121. 21.6 0.0330 0.47 1.00 2.13 304.0 10.0 290.9 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
19 9 21 264 22 -12.9 0.152 -9.000 -9.000 -999. 143. 25.5 0.0380 0.47 1.00 2.30 336.0 10.0 290.4 2.0 0
0.00 69. 1008. 0 ADJ-A1 NoSubs
19 9 21 264 23 -14.0 0.159 -9.000 -9.000 -999. 152. 27.7 0.0380 0.47 1.00 2.39 337.0 10.0 289.2 2.0 0
0.00 71. 1007. 0 ADJ-A1 NoSubs
19 9 21 264 24 -14.2 0.159 -9.000 -9.000 -999. 153. 27.9 0.0380 0.47 1.00 2.40 342.0 10.0 288.8 2.0 0
0.00 71. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 1 -5.9 0.101 -9.000 -9.000 -999. 78. 15.7 0.0380 0.47 1.00 1.57 341.0 10.0 288.8 2.0 0
0.00 68. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 2 -10.8 0.139 -9.000 -9.000 -999. 124. 22.1 0.0380 0.47 1.00 2.11 334.0 10.0 288.8 2.0 0
0.00 66. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 3 -5.0 0.093 -9.000 -9.000 -999. 68. 14.5 0.0380 0.47 1.00 1.45 347.0 10.0 287.5 2.0 0
0.00 71. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 4 -7.8 0.116 -9.000 -9.000 -999. 95. 18.0 0.0330 0.47 1.00 1.84 317.0 10.0 285.4 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 5 -2.9 0.073 -9.000 -9.000 -999. 48. 11.9 0.0380 0.47 1.00 1.08 333.0 10.0 285.9 2.0 0
0.00 76. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 6 -7.0 0.110 -9.000 -9.000 -999. 88. 17.2 0.0380 0.47 1.00 1.71 346.0 10.0 285.4 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
19 9 22 265 7 -3.5 0.088 -9.000 -9.000 -999. 63. 17.9 0.0330 0.47 0.48 1.40 310.0 10.0 287.0 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 9 22 265 8 31.3 0.129 0.493 0.020 138. 111. -6.1 0.0370 0.47 0.26 1.37 153.0 10.0 290.9 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
19 9 22 265 9 73.3 0.162 0.732 0.017 193. 157. -5.3 0.0370 0.47 0.20 1.69 161.0 10.0 293.8 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
19 9 22 265 10 106.7 0.177 0.909 0.013 253. 179. -4.7 0.0370 0.47 0.18 1.82 165.0 10.0 295.9 2.0 0
0.00 48. 1008. 0 ADJ-A1 NoSubs
19 9 22 265 11 129.7 0.239 1.047 0.009 318. 280. -9.4 0.0230 0.47 0.17 2.95 193.0 10.0 297.5 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
19 9 22 265 12 141.4 0.284 1.186 0.006 424. 363. -14.5 0.0290 0.47 0.17 3.49 242.0 10.0 298.8 2.0 0
0.00 39. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 13 140.9 0.319 1.226 0.005 470. 432. -20.7 0.0380 0.47 0.17 3.83 235.0 10.0 297.5 2.0 0
0.00 42. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 14 130.1 0.305 1.275 0.005 572. 404. -19.5 0.0370 0.47 0.17 3.66 169.0 10.0 299.2 2.0 0
0.00 43. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 15 105.9 0.343 1.331 0.005 801. 482. -34.3 0.0370 0.47 0.18 4.31 170.0 10.0 294.9 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 16 72.5 0.325 1.291 0.005 1067. 446. -42.7 0.0230 0.47 0.20 4.53 183.0 10.0 293.1 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 17 30.8 0.294 0.986 0.005 1119. 383. -74.1 0.0370 0.47 0.27 3.86 179.0 10.0 291.4 2.0 0

0.00 72. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 18 -16.4 0.283 -9.000 -9.000 -999. 362. 124.6 0.0370 0.47 0.48 4.12 160.0 10.0 289.9 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 9 22 265 19 -20.9 0.215 -9.000 -9.000 -999. 240. 50.6 0.0340 0.47 1.00 3.24 141.0 10.0 289.2 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 9 22 265 20 -8.0 0.117 -9.000 -9.000 -999. 100. 18.0 0.0290 0.47 1.00 1.89 85.0 10.0 289.2 2.0 0
0.00 80. 1008. 0 ADJ-A1 NoSubs
19 9 22 265 21 -5.3 0.095 -9.000 -9.000 -999. 71. 14.6 0.0310 0.47 1.00 1.54 17.0 10.0 288.8 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
19 9 22 265 22 -4.1 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.47 1.00 1.31 360.0 10.0 287.5 2.0 0
0.00 86. 1009. 0 ADJ-A1 NoSubs
19 9 22 265 23 -8.2 0.119 -9.000 -9.000 -999. 99. 18.7 0.0380 0.47 1.00 1.84 356.0 10.0 287.0 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 9 22 265 24 -6.5 0.106 -9.000 -9.000 -999. 83. 16.5 0.0380 0.47 1.00 1.65 348.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 9 23 266 1 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0380 0.47 1.00 1.57 336.0 10.0 286.4 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 9 23 266 2 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0380 0.47 1.00 1.62 350.0 10.0 285.9 2.0 0
0.00 86. 1008. 0 ADJ-A1 NoSubs
19 9 23 266 3 -4.3 0.086 -9.000 -9.000 -999. 60. 13.1 0.0310 0.47 1.00 1.38 16.0 10.0 286.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 23 266 4 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.47 1.00 1.14 58.0 10.0 287.0 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 9 23 266 5 -3.8 0.081 -9.000 -9.000 -999. 55. 12.6 0.0330 0.47 1.00 1.28 38.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 9 23 266 6 -3.6 0.078 -9.000 -9.000 -999. 53. 12.1 0.0290 0.47 1.00 1.26 64.0 10.0 287.0 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 9 23 266 7 -2.3 0.069 -9.000 -9.000 -999. 43. 12.5 0.0290 0.47 0.48 1.11 87.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 9 23 266 8 5.9 0.115 0.281 0.014 135. 93. -23.0 0.0290 0.47 0.27 1.47 68.0 10.0 287.0 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 9 23 266 9 61.3 0.112 0.826 0.018 332. 90. -2.1 0.0260 0.47 0.20 1.11 277.0 10.0 289.2 2.0 0
0.00 83. 1009. 7 ADJ-A1 NoSubs
19 9 23 266 10 105.4 0.145 1.070 0.016 418. 133. -2.6 0.0340 0.47 0.18 1.40 126.0 10.0 294.2 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
19 9 23 266 11 128.9 0.185 1.214 0.015 500. 191. -4.4 0.0370 0.47 0.18 1.88 171.0 10.0 297.5 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
19 9 23 266 12 140.6 0.306 1.304 0.013 567. 407. -18.4 0.0380 0.47 0.17 3.64 214.0 10.0 298.8 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
19 9 23 266 13 140.2 0.310 1.323 0.012 595. 414. -19.1 0.0290 0.47 0.17 3.91 251.0 10.0 298.1 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
19 9 23 266 14 129.1 0.329 1.305 0.010 619. 454. -24.9 0.0290 0.47 0.18 4.24 268.0 10.0 299.2 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
19 9 23 266 15 106.4 0.230 1.237 0.009 639. 269. -10.2 0.0230 0.47 0.18 2.86 209.0 10.0 299.2 2.0 0
0.00 47. 1007. 0 ADJ-A1 NoSubs
19 9 23 266 16 72.8 0.280 1.097 0.008 651. 356. -27.1 0.0370 0.47 0.20 3.46 171.0 10.0 297.5 2.0 0
0.00 53. 1007. 0 ADJ-A1 NoSubs
19 9 23 266 17 30.8 0.245 0.825 0.008 655. 291. -42.8 0.0370 0.47 0.27 3.12 176.0 10.0 295.4 2.0 0
0.00 60. 1007. 0 ADJ-A1 NoSubs
19 9 23 266 18 -7.9 0.135 -9.000 -9.000 -999. 125. 28.0 0.0230 0.47 0.49 2.20 187.0 10.0 293.8 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 9 23 266 19 -10.7 0.138 -9.000 -9.000 -999. 123. 22.1 0.0380 0.47 1.00 2.10 219.0 10.0 291.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 9 23 266 20 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0260 0.47 1.00 1.59 270.0 10.0 291.4 2.0 0

0.00 69. 1009. 0 ADJ-A1 NoSubs
19 9 23 266 21 -7.6 0.115 -9.000 -9.000 -999. 94. 17.9 0.0330 0.47 1.00 1.82 312.0 10.0 290.4 2.0 0
0.00 75. 1009. 0 ADJ-A1 NoSubs
19 9 23 266 22 -10.8 0.139 -9.000 -9.000 -999. 124. 22.1 0.0380 0.47 1.00 2.11 350.0 10.0 289.9 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 9 23 266 23 -16.6 0.173 -9.000 -9.000 -999. 173. 32.9 0.0380 0.47 1.00 2.59 331.0 10.0 290.4 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
19 9 23 266 24 -11.8 0.145 -9.000 -9.000 -999. 133. 23.2 0.0380 0.47 1.00 2.20 338.0 10.0 289.9 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 9 24 267 1 -11.4 0.142 -9.000 -9.000 -999. 129. 22.8 0.0380 0.47 1.00 2.16 337.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 9 24 267 2 -7.0 0.110 -9.000 -9.000 -999. 88. 17.3 0.0380 0.47 1.00 1.71 346.0 10.0 288.8 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 9 24 267 3 -5.1 0.094 -9.000 -9.000 -999. 70. 14.7 0.0380 0.47 1.00 1.47 339.0 10.0 288.8 2.0 0
0.00 74. 1009. 0 ADJ-A1 NoSubs
19 9 24 267 4 -7.1 0.111 -9.000 -9.000 -999. 89. 17.4 0.0380 0.47 1.00 1.72 345.0 10.0 288.1 2.0 0
0.00 77. 1009. 0 ADJ-A1 NoSubs
19 9 24 267 5 -7.7 0.116 -9.000 -9.000 -999. 95. 18.2 0.0380 0.47 1.00 1.79 330.0 10.0 287.5 2.0 0
0.00 77. 1010. 0 ADJ-A1 NoSubs
19 9 24 267 6 -2.2 0.065 -9.000 -9.000 -999. 41. 11.6 0.0330 0.47 1.00 0.91 313.0 10.0 288.1 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 9 24 267 7 -3.0 0.080 -9.000 -9.000 -999. 54. 15.5 0.0260 0.47 0.49 1.33 295.0 10.0 289.9 2.0 0
0.00 72. 1010. 0 ADJ-A1 NoSubs
19 9 24 267 8 31.0 0.082 0.432 0.017 94. 56. -1.6 0.0300 0.47 0.27 0.75 119.0 10.0 294.2 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 9 24 267 9 73.2 0.121 0.687 0.013 160. 101. -2.2 0.0340 0.47 0.20 1.13 142.0 10.0 297.5 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
19 9 24 267 10 107.6 0.161 0.950 0.011 287. 155. -3.5 0.0370 0.47 0.18 1.59 155.0 10.0 302.0 2.0 0
0.00 35. 1010. 0 ADJ-A1 NoSubs
19 9 24 267 11 131.5 0.163 1.080 0.009 345. 158. -3.0 0.0370 0.47 0.18 1.57 160.0 10.0 305.4 2.0 0
0.00 27. 1009. 0 ADJ-A1 NoSubs
19 9 24 267 12 143.6 0.230 1.279 0.008 524. 265. -7.6 0.0380 0.47 0.17 2.50 211.0 10.0 307.0 2.0 0
0.00 24. 1008. 0 ADJ-A1 NoSubs
19 9 24 267 13 143.7 0.300 1.402 0.009 690. 394. -16.9 0.0290 0.47 0.17 3.74 269.0 10.0 307.5 2.0 0
0.00 21. 1007. 0 ADJ-A1 NoSubs
19 9 24 267 14 132.1 0.307 1.420 0.007 779. 408. -19.7 0.0290 0.47 0.18 3.88 252.0 10.0 307.5 2.0 0
0.00 21. 1006. 0 ADJ-A1 NoSubs
19 9 24 267 15 108.7 0.325 1.350 0.006 812. 444. -28.3 0.0290 0.47 0.18 4.22 258.0 10.0 306.4 2.0 0
0.00 21. 1006. 0 ADJ-A1 NoSubs
19 9 24 267 16 76.0 0.239 1.213 0.005 843. 283. -16.0 0.0290 0.47 0.20 2.96 265.0 10.0 307.0 2.0 0
0.00 20. 1005. 0 ADJ-A1 NoSubs
19 9 24 267 17 30.6 0.237 0.897 0.005 844. 278. -39.2 0.0370 0.47 0.27 3.01 176.0 10.0 298.1 2.0 0
0.00 51. 1005. 0 ADJ-A1 NoSubs
19 9 24 267 18 -10.4 0.170 -9.000 -9.000 -999. 169. 42.0 0.0230 0.47 0.50 2.74 201.0 10.0 294.2 2.0 0
0.00 63. 1005. 0 ADJ-A1 NoSubs
19 9 24 267 19 -5.9 0.101 -9.000 -9.000 -999. 78. 15.6 0.0290 0.47 1.00 1.65 242.0 10.0 294.2 2.0 0
0.00 58. 1005. 0 ADJ-A1 NoSubs
19 9 24 267 20 -5.7 0.099 -9.000 -9.000 -999. 74. 15.1 0.0260 0.47 1.00 1.64 293.0 10.0 293.8 2.0 0
0.00 60. 1005. 0 ADJ-A1 NoSubs
19 9 24 267 21 -13.2 0.154 -9.000 -9.000 -999. 146. 26.2 0.0380 0.47 1.00 2.33 331.0 10.0 293.1 2.0 0
0.00 64. 1006. 0 ADJ-A1 NoSubs
19 9 24 267 22 -13.9 0.159 -9.000 -9.000 -999. 152. 27.7 0.0380 0.47 1.00 2.39 336.0 10.0 292.5 2.0 0
0.00 60. 1005. 0 ADJ-A1 NoSubs
19 9 24 267 23 -11.0 0.140 -9.000 -9.000 -999. 126. 22.5 0.0380 0.47 1.00 2.13 349.0 10.0 292.0 2.0 0

0.00 60. 1005. 0 ADJ-A1 NoSubs
19 9 24 267 24 -6.9 0.110 -9.000 -9.000 -999. 88. 17.4 0.0380 0.47 1.00 1.71 351.0 10.0 292.5 2.0 0
0.00 54. 1005. 0 ADJ-A1 NoSubs
19 9 25 268 1 -7.4 0.115 -9.000 -9.000 -999. 93. 18.1 0.0380 0.47 1.00 1.77 350.0 10.0 291.4 2.0 0
0.00 60. 1004. 0 ADJ-A1 NoSubs
19 9 25 268 2 -7.4 0.115 -9.000 -9.000 -999. 93. 18.1 0.0380 0.47 1.00 1.77 340.0 10.0 291.4 2.0 0
0.00 55. 1004. 0 ADJ-A1 NoSubs
19 9 25 268 3 -7.9 0.118 -9.000 -9.000 -999. 97. 18.7 0.0380 0.47 1.00 1.82 333.0 10.0 290.9 2.0 0
0.00 57. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 4 -9.4 0.129 -9.000 -9.000 -999. 112. 20.6 0.0380 0.47 1.00 1.98 332.0 10.0 290.4 2.0 0
0.00 57. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 5 -3.7 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.47 1.00 1.25 332.0 10.0 290.4 2.0 0
0.00 59. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 6 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0330 0.47 1.00 1.98 321.0 10.0 288.8 2.0 0
0.00 66. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 7 -5.5 0.112 -9.000 -9.000 -999. 90. 22.7 0.0380 0.47 0.49 1.70 346.0 10.0 291.4 2.0 0
0.00 57. 1004. 0 ADJ-A1 NoSubs
19 9 25 268 8 30.7 0.118 0.384 0.016 66. 98. -4.8 0.0300 0.47 0.27 1.28 118.0 10.0 295.4 2.0 0
0.00 42. 1004. 0 ADJ-A1 NoSubs
19 9 25 268 9 73.1 0.116 0.644 0.012 130. 95. -1.9 0.0310 0.47 0.20 1.09 17.0 10.0 299.2 2.0 0
0.00 38. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 10 107.7 0.178 0.919 0.008 258. 180. -4.7 0.0370 0.47 0.18 1.82 163.0 10.0 303.8 2.0 0
0.00 27. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 11 131.9 0.165 1.085 0.005 346. 160. -3.0 0.0340 0.47 0.18 1.62 143.0 10.0 307.5 2.0 0
0.00 25. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 12 144.0 0.206 1.282 0.005 523. 224. -5.4 0.0290 0.47 0.17 2.28 87.0 10.0 309.2 2.0 0
0.00 22. 1002. 0 ADJ-A1 NoSubs
19 9 25 268 13 144.4 0.202 1.556 0.007 933. 218. -5.1 0.0300 0.47 0.17 2.20 98.0 10.0 310.4 2.0 0
0.00 20. 1001. 0 ADJ-A1 NoSubs
19 9 25 268 14 131.4 0.350 1.614 0.009 1144. 497. -29.2 0.0290 0.47 0.18 4.56 258.0 10.0 308.1 2.0 0
0.00 22. 1001. 0 ADJ-A1 NoSubs
19 9 25 268 15 106.3 0.338 1.540 0.010 1229. 473. -32.6 0.0290 0.47 0.18 4.44 243.0 10.0 303.8 2.0 0
0.00 29. 1001. 0 ADJ-A1 NoSubs
19 9 25 268 16 73.4 0.260 1.369 0.009 1249. 321. -21.3 0.0380 0.47 0.20 3.13 236.0 10.0 304.2 2.0 0
0.00 29. 1001. 0 ADJ-A1 NoSubs
19 9 25 268 17 29.7 0.349 1.013 0.009 1253. 495. -128.0 0.0380 0.47 0.28 4.66 224.0 10.0 298.8 2.0 0
0.00 35. 1002. 0 ADJ-A1 NoSubs
19 9 25 268 18 -12.3 0.193 -9.000 -9.000 -999. 221. 51.9 0.0290 0.47 0.51 2.98 260.0 10.0 295.4 2.0 0
0.00 45. 1002. 0 ADJ-A1 NoSubs
19 9 25 268 19 -2.7 0.070 -9.000 -9.000 -999. 62. 11.3 0.0260 0.47 1.00 1.11 291.0 10.0 294.9 2.0 0
0.00 48. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 20 -2.6 0.069 -9.000 -9.000 -999. 44. 11.6 0.0330 0.47 1.00 1.03 316.0 10.0 293.1 2.0 0
0.00 56. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 21 -3.9 0.083 -9.000 -9.000 -999. 57. 12.9 0.0330 0.47 1.00 1.31 328.0 10.0 292.5 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
19 9 25 268 22 -10.3 0.135 -9.000 -9.000 -999. 119. 21.4 0.0330 0.47 1.00 2.11 322.0 10.0 292.5 2.0 0
0.00 56. 1004. 0 ADJ-A1 NoSubs
19 9 25 268 23 -11.7 0.145 -9.000 -9.000 -999. 133. 23.3 0.0380 0.47 1.00 2.20 340.0 10.0 291.4 2.0 0
0.00 60. 1003. 0 ADJ-A1 NoSubs
19 9 25 268 24 -4.8 0.091 -9.000 -9.000 -999. 67. 14.3 0.0380 0.47 1.00 1.42 337.0 10.0 290.4 2.0 0
0.00 64. 1003. 0 ADJ-A1 NoSubs
19 9 26 269 1 -8.6 0.122 -9.000 -9.000 -999. 103. 19.2 0.0330 0.47 1.00 1.93 327.0 10.0 289.9 2.0 0
0.00 66. 1003. 0 ADJ-A1 NoSubs
19 9 26 269 2 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0260 0.47 1.00 1.59 270.0 10.0 289.2 2.0 0

0.00 69. 1004. 0 ADJ-A1 NoSubs
19 9 26 269 3 -4.8 0.091 -9.000 -9.000 -999. 66. 14.0 0.0330 0.47 1.00 1.45 329.0 10.0 288.1 2.0 0
0.00 74. 1004. 0 ADJ-A1 NoSubs
19 9 26 269 4 -25.9 0.266 -9.000 -9.000 -999. 329. 77.9 0.0260 0.47 1.00 4.17 279.0 10.0 289.2 2.0 0
0.00 93. 1005. 7 ADJ-A1 NoSubs
19 9 26 269 5 -39.3 0.405 -9.000 -9.000 -999. 619. 180.5 0.0330 0.47 1.00 5.99 300.0 10.0 289.9 2.0 0
0.00 93. 1005. 10 ADJ-A1 NoSubs
19 9 26 269 6 -35.4 0.366 -9.000 -9.000 -999. 533. 147.6 0.0330 0.47 1.00 5.44 310.0 10.0 291.4 2.0 0
0.00 84. 1006. 10 ADJ-A1 NoSubs
19 9 26 269 7 -23.7 0.358 -9.000 -9.000 -999. 514. 173.9 0.0330 0.47 0.50 5.28 301.0 10.0 292.0 2.0 0
0.00 80. 1007. 10 ADJ-A1 NoSubs
19 9 26 269 8 6.8 0.359 0.308 0.012 154. 516. -611.3 0.0260 0.47 0.27 5.29 299.0 10.0 292.5 2.0 0
0.00 78. 1008. 10 ADJ-A1 NoSubs
19 9 26 269 9 17.4 0.351 0.430 0.013 164. 498. -222.6 0.0330 0.47 0.20 4.88 304.0 10.0 293.8 2.0 0
0.00 72. 1009. 10 ADJ-A1 NoSubs
19 9 26 269 10 25.9 0.324 0.505 0.016 179. 444. -118.7 0.0260 0.47 0.18 4.63 283.0 10.0 294.9 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
19 9 26 269 11 128.9 0.357 0.968 0.012 253. 513. -31.9 0.0260 0.47 0.18 4.78 284.0 10.0 296.4 2.0 0
0.00 61. 1009. 3 ADJ-A1 NoSubs
19 9 26 269 12 139.9 0.389 1.134 0.010 375. 582. -37.8 0.0260 0.47 0.17 5.26 283.0 10.0 297.0 2.0
9999 -9.00 999. 1007. 2 ADJ-A1 Sub_CC-TT
19 9 26 269 13 137.2 0.443 1.198 0.006 451. 708. -57.0 0.0260 0.47 0.17 6.13 273.0 10.0 297.5 2.0 0
0.00 57. 1008. 0 ADJ-A1 NoSubs
19 9 26 269 14 125.2 0.472 1.194 0.005 488. 778. -75.5 0.0260 0.47 0.18 6.62 273.0 10.0 297.0 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
19 9 26 269 15 101.9 0.478 1.135 0.005 516. 793. -96.3 0.0260 0.47 0.18 6.77 273.0 10.0 295.9 2.0 0
0.00 63. 1007. 0 ADJ-A1 NoSubs
19 9 26 269 16 68.4 0.503 1.005 0.005 533. 855. -167.1 0.0260 0.47 0.21 7.25 274.0 10.0 294.9 2.0 0
0.00 67. 1008. 0 ADJ-A1 NoSubs
19 9 26 269 17 31.0 0.390 0.775 0.010 540. 594. -171.2 0.0260 0.47 0.28 5.62 284.0 10.0 293.8 2.0 0
0.00 72. 1008. 5 ADJ-A1 NoSubs
19 9 26 269 18 -20.1 0.281 -9.000 -9.000 -999. 364. 98.8 0.0260 0.47 0.52 4.36 297.0 10.0 293.1 2.0 0
0.00 75. 1008. 10 ADJ-SFC NoSubs
19 9 26 269 19 -31.4 0.326 -9.000 -9.000 -999. 446. 116.7 0.0330 0.47 1.00 4.86 303.0 10.0 293.1 2.0 0
0.00 72. 1008. 10 ADJ-SFC NoSubs
19 9 26 269 20 -20.5 0.212 -9.000 -9.000 -999. 242. 49.7 0.0260 0.47 1.00 3.36 297.0 10.0 292.5 2.0 0
0.00 72. 1009. 10 ADJ-SFC NoSubs
19 9 26 269 21 -20.5 0.212 -9.000 -9.000 -999. 235. 49.7 0.0260 0.47 1.00 3.36 289.0 10.0 292.5 2.0 0
0.00 72. 1009. 10 ADJ-SFC NoSubs
19 9 26 269 22 -24.7 0.256 -9.000 -9.000 -999. 311. 72.2 0.0330 0.47 1.00 3.86 312.0 10.0 292.5 2.0 0
0.00 72. 1009. 10 ADJ-SFC NoSubs
19 9 26 269 23 -18.1 0.187 -9.000 -9.000 -999. 196. 38.5 0.0330 0.47 1.00 2.86 314.0 10.0 292.0 2.0 0
0.00 74. 1009. 7 ADJ-SFC NoSubs
19 9 26 269 24 -18.1 0.187 -9.000 -9.000 -999. 194. 38.5 0.0330 0.47 1.00 2.86 318.0 10.0 292.5 2.0 0
0.00 72. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 1 -18.1 0.187 -9.000 -9.000 -999. 194. 38.5 0.0330 0.47 1.00 2.86 305.0 10.0 292.5 2.0 0
0.00 72. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 2 -17.3 0.179 -9.000 -9.000 -999. 182. 35.4 0.0260 0.47 1.00 2.86 282.0 10.0 292.0 2.0 0
0.00 74. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 3 -30.8 0.318 -9.000 -9.000 -999. 431. 111.4 0.0290 0.47 1.00 4.86 267.0 10.0 292.0 2.0 0
0.00 74. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 4 -13.1 0.152 -9.000 -9.000 -999. 165. 25.6 0.0330 0.47 1.00 2.36 303.0 10.0 292.0 2.0 0
0.00 74. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 5 -12.2 0.146 -9.000 -9.000 -999. 134. 23.4 0.0260 0.47 1.00 2.36 290.0 10.0 292.0 2.0 0

0.00 74. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 6 -6.8 0.108 -9.000 -9.000 -999. 86. 16.7 0.0290 0.47 1.00 1.76 248.0 10.0 291.4 2.0 0
0.00 77. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 7 -5.6 0.108 -9.000 -9.000 -999. 85. 19.9 0.0260 0.47 0.50 1.76 272.0 10.0 292.0 2.0 0
0.00 74. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 8 6.6 0.175 0.406 0.005 362. 175. -72.4 0.0317 0.47 0.27 2.36 999.0 10.0 292.5 2.0 0
0.00 72. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 9 16.9 0.180 0.630 0.007 534. 184. -31.3 0.0290 0.47 0.20 2.36 267.0 10.0 292.5 2.0 0
0.00 72. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 10 25.4 0.248 0.766 0.016 637. 297. -54.3 0.0290 0.47 0.18 3.36 252.0 10.0 293.8 2.0 0
0.00 67. 1009. 10 ADJ-SFC NoSubs
19 9 27 270 11 31.1 0.315 0.839 0.020 684. 424. -90.3 0.0290 0.47 0.18 4.36 262.0 10.0 294.2 2.0 0
0.00 67. 1008. 10 ADJ-SFC NoSubs
19 9 27 270 12 34.0 0.439 0.885 0.022 733. 698. -224.0 0.0380 0.47 0.17 5.96 219.0 10.0 294.9 2.0 0
0.00 65. 1008. 10 ADJ-SFC NoSubs
19 9 27 270 13 33.9 0.316 0.901 0.024 776. 436. -83.4 0.0290 0.47 0.17 4.36 254.0 10.0 294.9 2.0 0
0.00 62. 1007. 10 ADJ-SFC NoSubs
19 9 27 270 14 30.7 0.419 0.881 0.024 799. 650. -214.4 0.0290 0.47 0.18 5.96 250.0 10.0 294.2 2.0 0
0.00 65. 1006. 10 ADJ-SFC NoSubs
19 9 27 270 15 24.6 0.450 0.824 0.024 814. 724. -331.9 0.0290 0.47 0.18 6.46 258.0 10.0 293.1 2.0 0
0.00 69. 1006. 10 ADJ-SFC NoSubs
19 9 27 270 16 15.8 0.308 0.714 0.024 822. 425. -165.8 0.0290 0.47 0.21 4.36 263.0 10.0 291.4 2.0 0
0.00 75. 1006. 10 ADJ-SFC NoSubs
19 9 27 270 17 5.2 0.173 0.493 0.024 824. 186. -89.5 0.0317 0.47 0.28 2.36 999.0 10.0 290.4 2.0 0
0.00 75. 1006. 10 ADJ-SFC NoSubs
19 9 27 270 18 -14.5 0.180 -9.000 -9.000 -999. 184. 36.2 0.0260 0.47 0.54 2.86 271.0 10.0 288.8 2.0 0
0.00 79. 1005. 10 ADJ-SFC NoSubs
19 9 27 270 19 -11.9 0.143 -9.000 -9.000 -999. 130. 22.4 0.0230 0.47 1.00 2.36 194.0 10.0 287.5 2.0 0
0.00 86. 1005. 10 ADJ-SFC NoSubs
19 9 27 270 20 -21.8 0.223 -9.000 -9.000 -999. 253. 54.6 0.0340 0.47 1.00 3.36 133.0 10.0 288.1 2.0 0
0.00 83. 1005. 10 ADJ-SFC NoSubs
19 9 27 270 21 -12.6 0.149 -9.000 -9.000 -999. 139. 24.3 0.0290 0.47 1.00 2.36 78.0 10.0 288.1 2.0 0
0.00 83. 1004. 10 ADJ-SFC NoSubs
19 9 27 270 22 -13.1 0.152 -9.000 -9.000 -999. 143. 25.5 0.0330 0.47 1.00 2.36 311.0 10.0 288.1 2.0 0
0.00 80. 1005. 10 ADJ-SFC NoSubs
19 9 27 270 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 288.1 2.0
0 0.00 80. 1004. 10 ADJ-SFC NoSubs
19 9 27 270 24 -17.8 0.183 -9.000 -9.000 -999. 188. 36.7 0.0290 0.47 1.00 2.86 248.0 10.0 288.1 2.0 0
0.00 80. 1004. 10 ADJ-SFC NoSubs
19 9 28 271 1 -21.2 0.217 -9.000 -9.000 -999. 242. 51.6 0.0290 0.47 1.00 3.36 264.0 10.0 287.5 2.0 0
0.00 86. 1004. 10 ADJ-SFC NoSubs
19 9 28 271 2 -18.8 0.192 -9.000 -9.000 -999. 202. 40.6 0.0380 0.47 1.00 2.86 238.0 10.0 287.5 2.0 0
0.00 80. 1004. 10 ADJ-SFC NoSubs
19 9 28 271 3 -17.9 0.183 -9.000 -9.000 -999. 187. 36.7 0.0290 0.47 1.00 2.86 262.0 10.0 287.0 2.0 0
0.00 80. 1004. 10 ADJ-SFC NoSubs
19 9 28 271 4 -21.2 0.217 -9.000 -9.000 -999. 242. 51.6 0.0290 0.47 1.00 3.36 251.0 10.0 286.4 2.0 0
0.00 80. 1004. 5 ADJ-SFC NoSubs
19 9 28 271 5 -18.0 0.183 -9.000 -9.000 -999. 188. 36.7 0.0290 0.47 1.00 2.86 253.0 10.0 285.4 2.0 0
0.00 80. 1004. 0 ADJ-SFC NoSubs
19 9 28 271 6 -13.7 0.156 -9.000 -9.000 -999. 149. 26.9 0.0380 0.47 1.00 2.36 227.0 10.0 284.2 2.0 0
0.00 82. 1004. 0 ADJ-SFC NoSubs
19 9 28 271 7 -10.6 0.151 -9.000 -9.000 -999. 140. 28.9 0.0290 0.47 0.51 2.36 265.0 10.0 284.9 2.0 0
0.00 82. 1005. 0 ADJ-SFC NoSubs
19 9 28 271 8 26.5 0.213 0.685 0.015 434. 237. -32.8 0.0260 0.47 0.28 2.86 272.0 10.0 288.1 2.0 0

0.00 66. 1005. 0 ADJ-SFC NoSubs
19 9 28 271 9 67.8 0.274 0.995 0.019 520. 343. -27.0 0.0380 0.47 0.20 3.36 226.0 10.0 289.9 2.0 0
0.00 59. 1005. 0 ADJ-SFC NoSubs
19 9 28 271 10 103.8 0.273 1.172 0.019 556. 343. -17.6 0.0317 0.47 0.18 3.36 999.0 10.0 291.4 2.0 0
0.00 55. 1005. 3 ADJ-SFC NoSubs
19 9 28 271 11 123.5 0.336 1.271 0.018 596. 468. -27.5 0.0290 0.47 0.18 4.36 258.0 10.0 293.8 2.0 0
0.00 46. 1004. 0 ADJ-SFC NoSubs
19 9 28 271 12 135.0 0.495 1.344 0.012 645. 836. -80.4 0.0260 0.47 0.17 6.96 276.0 10.0 295.4 2.0 0
0.00 33. 1003. 0 ADJ-SFC NoSubs
19 9 28 271 13 134.1 0.601 1.398 0.005 729. 1116. -144.6 0.0290 0.47 0.17 8.46 247.0 10.0 294.2 2.0
0 0.00 43. 1003. 0 ADJ-SFC NoSubs
19 9 28 271 14 122.4 0.493 1.375 0.012 761. 844. -87.7 0.0260 0.47 0.18 6.96 294.0 10.0 294.9 2.0 0
0.00 34. 1002. 0 ADJ-SFC NoSubs
19 9 28 271 15 99.4 0.531 1.297 0.011 785. 928. -134.6 0.0290 0.47 0.18 7.46 269.0 10.0 294.9 2.0 0
0.00 33. 1002. 0 ADJ-SFC NoSubs
19 9 28 271 16 65.5 0.484 1.136 0.013 799. 810. -154.5 0.0260 0.47 0.21 6.96 286.0 10.0 293.1 2.0 0
0.00 36. 1002. 0 ADJ-SFC NoSubs
19 9 28 271 17 23.5 0.475 0.808 0.013 803. 785. -406.5 0.0260 0.47 0.29 6.96 278.0 10.0 290.9 2.0 0
0.00 47. 1002. 0 ADJ-SFC NoSubs
19 9 28 271 18 -30.2 0.388 -9.000 -9.000 -999. 586. 173.0 0.0260 0.47 0.55 5.96 289.0 10.0 288.8 2.0 0
0.00 52. 1003. 0 ADJ-SFC NoSubs
19 9 28 271 19 -6.7 0.106 -9.000 -9.000 -999. 219. 16.1 0.0260 0.47 1.00 1.76 286.0 10.0 287.0 2.0 0
0.00 59. 1003. 0 ADJ-SFC NoSubs
19 9 28 271 20 -24.0 0.246 -9.000 -9.000 -999. 292. 66.3 0.0260 0.47 1.00 3.86 289.0 10.0 287.0 2.0 0
0.00 59. 1004. 0 ADJ-SFC NoSubs
19 9 28 271 21 -24.8 0.253 -9.000 -9.000 -999. 306. 70.7 0.0260 0.47 1.00 3.98 287.0 10.0 287.0 2.0 0
0.00 59. 1004. 0 ADJ-A1 NoSubs
19 9 28 271 22 -18.1 0.184 -9.000 -9.000 -999. 190. 37.1 0.0330 0.47 1.00 2.81 328.0 10.0 284.9 2.0 0
0.00 65. 1004. 0 ADJ-A1 NoSubs
19 9 28 271 23 -9.8 0.131 -9.000 -9.000 -999. 115. 20.6 0.0380 0.47 1.00 2.01 348.0 10.0 283.8 2.0 0
0.00 70. 1005. 0 ADJ-A1 NoSubs
19 9 28 271 24 -6.7 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.47 1.00 1.67 342.0 10.0 283.1 2.0 0
0.00 73. 1005. 0 ADJ-A1 NoSubs
19 9 29 272 1 -8.0 0.118 -9.000 -9.000 -999. 97. 18.3 0.0380 0.47 1.00 1.82 337.0 10.0 282.0 2.0 0
0.00 76. 1006. 0 ADJ-A1 NoSubs
19 9 29 272 2 -9.7 0.130 -9.000 -9.000 -999. 112. 20.3 0.0380 0.47 1.00 1.99 346.0 10.0 281.4 2.0 0
0.00 76. 1007. 0 ADJ-A1 NoSubs
19 9 29 272 3 -9.7 0.130 -9.000 -9.000 -999. 112. 20.3 0.0380 0.47 1.00 1.99 343.0 10.0 281.4 2.0 0
0.00 76. 1007. 0 ADJ-A1 NoSubs
19 9 29 272 4 -10.9 0.138 -9.000 -9.000 -999. 123. 21.6 0.0380 0.47 1.00 2.10 337.0 10.0 280.9 2.0 0
0.00 78. 1007. 0 ADJ-A1 NoSubs
19 9 29 272 5 -7.5 0.114 -9.000 -9.000 -999. 92. 17.6 0.0380 0.47 1.00 1.76 336.0 10.0 280.9 2.0 0
0.00 78. 1007. 0 ADJ-A1 NoSubs
19 9 29 272 6 -11.0 0.138 -9.000 -9.000 -999. 124. 21.7 0.0380 0.47 1.00 2.11 333.0 10.0 280.9 2.0 0
0.00 82. 1008. 0 ADJ-A1 NoSubs
19 9 29 272 7 -7.3 0.122 -9.000 -9.000 -999. 103. 22.5 0.0380 0.47 0.52 1.86 340.0 10.0 282.0 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 9 29 272 8 25.5 0.129 0.472 0.005 149. 112. -7.6 0.0310 0.47 0.28 1.47 6.0 10.0 286.4 2.0 0
0.00 69. 1009. 0 ADJ-A1 NoSubs
19 9 29 272 9 66.7 0.141 0.991 0.005 526. 127. -3.8 0.0300 0.47 0.21 1.47 108.0 10.0 288.1 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
19 9 29 272 10 99.7 0.196 1.236 0.005 683. 208. -6.8 0.0370 0.47 0.18 2.11 175.0 10.0 290.4 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
19 9 29 272 11 121.9 0.314 1.391 0.005 795. 421. -22.8 0.0380 0.47 0.18 3.80 221.0 10.0 290.9 2.0 0

0.00 51. 1009. 0 ADJ-A1 NoSubs
19 9 29 272 12 132.9 0.380 1.517 0.005 946. 563. -37.3 0.0380 0.47 0.17 4.78 237.0 10.0 291.4 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
19 9 29 272 13 132.5 0.385 1.583 0.005 1079. 573. -38.7 0.0380 0.47 0.17 4.85 237.0 10.0 292.0 2.0 0
0.00 55. 1008. 0 ADJ-A1 NoSubs
19 9 29 272 14 120.8 0.424 1.605 0.005 1231. 663. -56.7 0.0290 0.47 0.18 5.75 248.0 10.0 293.1 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
19 9 29 272 15 97.2 0.539 1.539 0.005 1348. 949. -144.7 0.0290 0.47 0.18 7.59 259.0 10.0 291.4 2.0 0
0.00 55. 1007. 0 ADJ-A1 NoSubs
19 9 29 272 16 67.4 0.591 1.373 0.005 1382. 1088. -274.8 0.0290 0.47 0.21 8.45 261.0 10.0 291.4 2.0
0 0.00 57. 1007. 3 ADJ-A1 NoSubs
19 9 29 272 17 22.1 0.481 0.950 0.005 1389. 814. -452.4 0.0290 0.47 0.29 6.94 263.0 10.0 290.4 2.0 0
0.00 57. 1007. 0 ADJ-A1 NoSubs
19 9 29 272 18 -23.4 0.290 -9.000 -9.000 -999. 408. 93.5 0.0260 0.47 0.56 4.51 274.0 10.0 288.8 2.0 0
0.00 64. 1007. 0 ADJ-A1 NoSubs
19 9 29 272 19 -15.2 0.163 -9.000 -9.000 -999. 172. 29.1 0.0260 0.47 1.00 2.61 296.0 10.0 288.1 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 9 29 272 20 -12.2 0.145 -9.000 -9.000 -999. 133. 23.2 0.0260 0.47 1.00 2.35 272.0 10.0 286.4 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
19 9 29 272 21 -10.9 0.138 -9.000 -9.000 -999. 123. 21.5 0.0330 0.47 1.00 2.15 308.0 10.0 284.9 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
19 9 29 272 22 -7.9 0.117 -9.000 -9.000 -999. 96. 18.3 0.0380 0.47 1.00 1.81 333.0 10.0 284.2 2.0 0
0.00 68. 1008. 0 ADJ-A1 NoSubs
19 9 29 272 23 -9.6 0.129 -9.000 -9.000 -999. 111. 20.3 0.0380 0.47 1.00 1.98 340.0 10.0 283.1 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
19 9 29 272 24 -15.6 0.166 -9.000 -9.000 -999. 163. 30.4 0.0380 0.47 1.00 2.50 334.0 10.0 283.1 2.0 0
0.00 73. 1008. 7 ADJ-A1 NoSubs
19 9 30 273 1 -10.8 0.138 -9.000 -9.000 -999. 123. 21.7 0.0380 0.47 1.00 2.10 333.0 10.0 282.5 2.0 0
0.00 76. 1008. 3 ADJ-A1 NoSubs
19 9 30 273 2 -11.5 0.142 -9.000 -9.000 -999. 128. 22.4 0.0380 0.47 1.00 2.16 348.0 10.0 282.5 2.0 0
0.00 79. 1008. 3 ADJ-A1 NoSubs
19 9 30 273 3 -4.7 0.090 -9.000 -9.000 -999. 65. 13.9 0.0380 0.47 1.00 1.40 345.0 10.0 282.5 2.0 0
0.00 79. 1008. 0 ADJ-A1 NoSubs
19 9 30 273 4 -10.6 0.136 -9.000 -9.000 -999. 121. 21.5 0.0380 0.47 1.00 2.08 342.0 10.0 283.8 2.0 0
0.00 76. 1008. 7 ADJ-A1 NoSubs
19 9 30 273 5 -12.6 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.47 1.00 2.30 325.0 10.0 284.2 2.0 0
0.00 79. 1009. 10 ADJ-A1 NoSubs
19 9 30 273 6 -10.7 0.136 -9.000 -9.000 -999. 121. 21.3 0.0330 0.47 1.00 2.13 328.0 10.0 283.8 2.0 0
0.00 82. 1009. 3 ADJ-A1 NoSubs
19 9 30 273 7 -10.7 0.144 -9.000 -9.000 -999. 131. 24.9 0.0330 0.47 0.52 2.22 327.0 10.0 284.2 2.0 0
0.00 82. 1009. 10 ADJ-A1 NoSubs
19 9 30 273 8 25.1 0.112 0.666 0.005 424. 90. -5.0 0.0310 0.47 0.28 1.21 26.0 10.0 287.0 2.0 0
0.00 74. 1010. 7 ADJ-A1 NoSubs
19 9 30 273 9 66.0 0.149 0.989 0.005 527. 138. -4.5 0.0230 0.47 0.21 1.69 198.0 10.0 288.8 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
19 9 30 273 10 98.0 0.212 1.340 0.005 887. 233. -8.7 0.0230 0.47 0.18 2.59 181.0 10.0 290.4 2.0 0
0.00 59. 1010. 5 ADJ-A1 NoSubs
19 9 30 273 11 121.3 0.350 1.573 0.005 1157. 496. -31.7 0.0290 0.47 0.18 4.58 243.0 10.0 292.0 2.0 0
0.00 53. 1010. 0 ADJ-A1 NoSubs
19 9 30 273 12 132.2 0.410 1.721 0.005 1392. 629. -46.8 0.0380 0.47 0.17 5.22 239.0 10.0 292.0 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
19 9 30 273 13 131.5 0.424 1.776 0.005 1535. 662. -52.1 0.0290 0.47 0.17 5.72 251.0 10.0 292.0 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
19 9 30 273 14 119.8 0.379 1.821 0.009 1817. 562. -41.0 0.0290 0.47 0.18 5.05 246.0 10.0 293.1 2.0 0

0.00 38. 1009. 0 ADJ-A1 NoSubs
19 9 30 273 15 96.8 0.340 1.712 0.009 1869. 476. -36.4 0.0380 0.47 0.18 4.26 235.0 10.0 293.8 2.0 0
0.00 35. 1009. 0 ADJ-A1 NoSubs
19 9 30 273 16 63.3 0.321 1.495 0.009 1901. 438. -47.2 0.0380 0.47 0.21 4.10 221.0 10.0 293.8 2.0 0
0.00 34. 1008. 0 ADJ-A1 NoSubs
19 9 30 273 17 21.9 0.222 1.052 0.009 1908. 256. -44.7 0.0290 0.47 0.29 2.97 255.0 10.0 293.8 2.0 0
0.00 32. 1008. 0 ADJ-A1 NoSubs
19 9 30 273 18 -12.3 0.155 -9.000 -9.000 -999. 148. 27.3 0.0380 0.47 0.57 2.33 354.0 10.0 290.4 2.0 0
0.00 37. 1008. 0 ADJ-A1 NoSubs
19 9 30 273 19 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0330 0.47 1.00 1.98 302.0 10.0 288.1 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
19 9 30 273 20 -6.0 0.100 -9.000 -9.000 -999. 76. 15.1 0.0260 0.47 1.00 1.67 292.0 10.0 285.9 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
19 9 30 273 21 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.47 1.00 1.59 348.0 10.0 284.9 2.0 0
0.00 63. 1009. 0 ADJ-A1 NoSubs
19 9 30 273 22 -7.2 0.111 -9.000 -9.000 -999. 89. 17.2 0.0380 0.47 1.00 1.72 352.0 10.0 283.1 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 9 30 273 23 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.47 1.00 1.91 338.0 10.0 282.5 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
19 9 30 273 24 -11.2 0.140 -9.000 -9.000 -999. 126. 22.0 0.0380 0.47 1.00 2.13 343.0 10.0 282.0 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 1 -8.4 0.121 -9.000 -9.000 -999. 101. 18.8 0.0380 0.47 1.00 1.86 342.0 10.0 281.4 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 2 -11.0 0.138 -9.000 -9.000 -999. 124. 21.7 0.0380 0.47 1.00 2.11 339.0 10.0 280.9 2.0 0
0.00 73. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 3 -13.2 0.152 -9.000 -9.000 -999. 142. 25.4 0.0380 0.47 1.00 2.30 341.0 10.0 280.4 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 4 -12.9 0.151 -9.000 -9.000 -999. 140. 24.9 0.0380 0.47 1.00 2.28 338.0 10.0 280.4 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 5 -12.0 0.145 -9.000 -9.000 -999. 132. 23.1 0.0380 0.47 1.00 2.20 340.0 10.0 280.4 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 6 -5.1 0.093 -9.000 -9.000 -999. 69. 14.3 0.0380 0.47 1.00 1.45 340.0 10.0 279.9 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 7 -5.5 0.104 -9.000 -9.000 -999. 80. 18.3 0.0380 0.47 0.53 1.60 346.0 10.0 281.4 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 8 23.6 0.095 0.551 0.007 255. 70. -3.2 0.0300 0.47 0.28 0.97 97.0 10.0 284.2 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
19 10 1 274 9 64.9 0.136 0.944 0.007 466. 121. -3.5 0.0340 0.47 0.21 1.37 142.0 10.0 287.0 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
19 10 1 274 10 97.9 0.158 1.106 0.005 498. 150. -3.6 0.0340 0.47 0.18 1.59 146.0 10.0 289.9 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
19 10 1 274 11 120.5 0.235 1.236 0.005 565. 273. -9.7 0.0380 0.47 0.18 2.62 216.0 10.0 292.0 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
19 10 1 274 12 131.3 0.348 1.361 0.005 692. 492. -28.8 0.0380 0.47 0.17 4.29 230.0 10.0 292.0 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 13 130.7 0.366 1.524 0.005 976. 532. -33.9 0.0290 0.47 0.17 4.82 245.0 10.0 292.5 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 14 118.4 0.362 1.554 0.005 1142. 523. -36.0 0.0290 0.47 0.18 4.78 261.0 10.0 292.0 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 15 95.2 0.319 1.507 0.005 1295. 434. -30.7 0.0290 0.47 0.19 4.17 266.0 10.0 292.0 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 16 61.8 0.227 1.359 0.005 1462. 263. -17.0 0.0290 0.47 0.21 2.83 261.0 10.0 292.5 2.0 0
0.00 48. 1008. 0 ADJ-A1 NoSubs
19 10 1 274 17 20.8 0.115 0.957 0.005 1516. 101. -6.6 0.0340 0.47 0.30 1.26 135.0 10.0 293.8 2.0 0

0.00 41. 1008. 0 ADJ-A1 NoSubs
19 10 1 274 18 -4.9 0.094 -9.000 -9.000 -999. 70. 15.5 0.0290 0.47 0.58 1.54 74.0 10.0 291.4 2.0 0
0.00 49. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 19 -5.7 0.100 -9.000 -9.000 -999. 75. 15.5 0.0380 0.47 1.00 1.55 340.0 10.0 287.5 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
19 10 1 274 20 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0290 0.47 1.00 1.35 250.0 10.0 287.0 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
19 10 1 274 21 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.47 1.00 1.76 334.0 10.0 285.4 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
19 10 1 274 22 -11.4 0.141 -9.000 -9.000 -999. 128. 22.4 0.0380 0.47 1.00 2.15 339.0 10.0 284.2 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
19 10 1 274 23 -13.1 0.152 -9.000 -9.000 -999. 142. 25.4 0.0380 0.47 1.00 2.30 335.0 10.0 283.8 2.0 0
0.00 70. 1010. 0 ADJ-A1 NoSubs
19 10 1 274 24 -13.1 0.152 -9.000 -9.000 -999. 142. 25.4 0.0380 0.47 1.00 2.30 340.0 10.0 283.1 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
19 10 2 275 1 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.47 1.00 2.27 348.0 10.0 282.5 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
19 10 2 275 2 -10.3 0.134 -9.000 -9.000 -999. 118. 21.1 0.0380 0.47 1.00 2.05 331.0 10.0 282.0 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 10 2 275 3 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0380 0.47 1.00 1.77 333.0 10.0 281.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 10 2 275 4 -10.9 0.138 -9.000 -9.000 -999. 123. 21.6 0.0380 0.47 1.00 2.10 340.0 10.0 281.4 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
19 10 2 275 5 -11.2 0.140 -9.000 -9.000 -999. 126. 22.0 0.0380 0.47 1.00 2.13 346.0 10.0 280.9 2.0 0
0.00 76. 1011. 0 ADJ-A1 NoSubs
19 10 2 275 6 -7.4 0.112 -9.000 -9.000 -999. 90. 17.3 0.0380 0.47 1.00 1.74 356.0 10.0 280.4 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
19 10 2 275 7 -3.2 0.078 -9.000 -9.000 -999. 52. 13.3 0.0310 0.47 0.53 1.25 11.0 10.0 283.1 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
19 10 2 275 8 23.1 0.155 0.407 0.012 105. 146. -14.4 0.0340 0.47 0.28 1.84 121.0 10.0 285.4 2.0 0
0.00 58. 1012. 0 ADJ-A1 NoSubs
19 10 2 275 9 64.5 0.121 0.801 0.011 288. 101. -2.5 0.0370 0.47 0.21 1.13 159.0 10.0 288.8 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
19 10 2 275 10 97.9 0.148 0.972 0.009 339. 136. -3.0 0.0340 0.47 0.18 1.45 140.0 10.0 292.5 2.0 0
0.00 38. 1012. 0 ADJ-A1 NoSubs
19 10 2 275 11 120.9 0.193 1.166 0.007 474. 203. -5.3 0.0370 0.47 0.18 2.01 171.0 10.0 295.9 2.0 0
0.00 32. 1011. 0 ADJ-A1 NoSubs
19 10 2 275 12 131.6 0.278 1.243 0.005 527. 351. -14.7 0.0290 0.47 0.17 3.42 253.0 10.0 295.9 2.0 0
0.00 30. 1010. 0 ADJ-A1 NoSubs
19 10 2 275 13 131.4 0.332 1.281 0.005 576. 459. -25.1 0.0260 0.47 0.17 4.37 271.0 10.0 297.5 2.0 0
0.00 28. 1010. 0 ADJ-A1 NoSubs
19 10 2 275 14 119.2 0.382 1.358 0.005 757. 567. -42.1 0.0260 0.47 0.18 5.20 270.0 10.0 297.5 2.0 0
0.00 25. 1009. 0 ADJ-A1 NoSubs
19 10 2 275 15 95.9 0.381 1.339 0.005 902. 564. -51.9 0.0290 0.47 0.19 5.14 257.0 10.0 297.5 2.0 0
0.00 28. 1009. 0 ADJ-A1 NoSubs
19 10 2 275 16 62.1 0.317 1.194 0.005 987. 431. -46.2 0.0290 0.47 0.21 4.25 265.0 10.0 297.0 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
19 10 2 275 17 20.7 0.180 0.836 0.005 1015. 195. -25.3 0.0290 0.47 0.30 2.32 248.0 10.0 297.0 2.0 0
0.00 32. 1008. 0 ADJ-A1 NoSubs
19 10 2 275 18 -20.2 0.233 -9.000 -9.000 -999. 269. 59.5 0.0370 0.47 0.60 3.44 151.0 10.0 290.4 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 10 2 275 19 -21.2 0.217 -9.000 -9.000 -999. 242. 51.6 0.0340 0.47 1.00 3.27 148.0 10.0 288.1 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
19 10 2 275 20 -15.4 0.166 -9.000 -9.000 -999. 162. 30.2 0.0370 0.47 1.00 2.50 168.0 10.0 287.0 2.0 0

0.00 71. 1009. 0 ADJ-A1 NoSubs
19 10 2 275 21 -4.4 0.087 -9.000 -9.000 -999. 64. 13.5 0.0380 0.47 1.00 1.35 234.0 10.0 286.4 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 10 2 275 22 -8.2 0.119 -9.000 -9.000 -999. 98. 18.4 0.0330 0.47 1.00 1.88 316.0 10.0 285.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 10 2 275 23 -12.3 0.147 -9.000 -9.000 -999. 135. 23.8 0.0380 0.47 1.00 2.23 340.0 10.0 284.9 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
19 10 2 275 24 -13.4 0.154 -9.000 -9.000 -999. 145. 26.2 0.0380 0.47 1.00 2.33 337.0 10.0 284.2 2.0 0
0.00 74. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 1 -5.3 0.095 -9.000 -9.000 -999. 71. 14.7 0.0380 0.47 1.00 1.48 348.0 10.0 283.1 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 2 -9.7 0.130 -9.000 -9.000 -999. 112. 20.4 0.0380 0.47 1.00 1.99 333.0 10.0 283.1 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 3 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.47 1.00 1.60 334.0 10.0 282.5 2.0 0
0.00 73. 1009. 0 ADJ-A1 NoSubs
19 10 3 276 4 -7.6 0.114 -9.000 -9.000 -999. 93. 17.5 0.0330 0.47 1.00 1.81 326.0 10.0 282.0 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 5 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0380 0.47 1.00 1.65 354.0 10.0 281.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 6 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.47 1.00 1.67 338.0 10.0 281.4 2.0 0
0.00 76. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 7 -7.8 0.123 -9.000 -9.000 -999. 103. 21.3 0.0310 0.47 0.54 1.94 4.0 10.0 282.5 2.0 0
0.00 70. 1011. 0 ADJ-A1 NoSubs
19 10 3 276 8 22.6 0.092 0.493 0.016 191. 67. -3.1 0.0330 0.47 0.29 0.92 48.0 10.0 286.4 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
19 10 3 276 9 63.8 0.140 0.829 0.016 322. 126. -3.9 0.0340 0.47 0.21 1.43 127.0 10.0 289.2 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
19 10 3 276 10 96.7 0.162 1.026 0.014 402. 156. -4.0 0.0370 0.47 0.18 1.62 178.0 10.0 291.4 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
19 10 3 276 11 118.9 0.265 1.127 0.012 434. 327. -14.1 0.0380 0.47 0.18 3.07 212.0 10.0 292.5 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 12 130.1 0.263 1.189 0.010 466. 323. -12.6 0.0380 0.47 0.17 3.01 218.0 10.0 294.2 2.0 0
0.00 34. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 13 129.1 0.281 1.211 0.008 496. 357. -15.4 0.0230 0.47 0.17 3.63 193.0 10.0 293.8 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 14 117.4 0.219 1.210 0.007 544. 248. -8.1 0.0230 0.47 0.18 2.67 182.0 10.0 295.4 2.0 0
0.00 34. 1009. 0 ADJ-A1 NoSubs
19 10 3 276 15 94.0 0.237 1.154 0.006 589. 277. -12.8 0.0340 0.47 0.19 2.79 146.0 10.0 295.4 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
19 10 3 276 16 60.1 0.247 1.006 0.005 609. 295. -22.6 0.0340 0.47 0.21 3.06 128.0 10.0 294.9 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
19 10 3 276 17 18.2 0.261 0.678 0.005 613. 320. -87.7 0.0300 0.47 0.31 3.59 98.0 10.0 293.1 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 10 3 276 18 -14.5 0.164 -9.000 -9.000 -999. 163. 29.5 0.0290 0.47 0.61 2.57 87.0 10.0 290.4 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 19 -20.7 0.212 -9.000 -9.000 -999. 234. 49.3 0.0300 0.47 1.00 3.27 93.0 10.0 288.8 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
19 10 3 276 20 -9.3 0.126 -9.000 -9.000 -999. 110. 19.5 0.0290 0.47 1.00 2.03 66.0 10.0 287.0 2.0 0
0.00 77. 1011. 0 ADJ-A1 NoSubs
19 10 3 276 21 -8.7 0.122 -9.000 -9.000 -999. 103. 19.0 0.0330 0.47 1.00 1.93 51.0 10.0 286.4 2.0 0
0.00 77. 1012. 0 ADJ-A1 NoSubs
19 10 3 276 22 -5.0 0.092 -9.000 -9.000 -999. 67. 13.9 0.0310 0.47 1.00 1.48 26.0 10.0 284.9 2.0 0
0.00 79. 1012. 0 ADJ-A1 NoSubs
19 10 3 276 23 -7.6 0.114 -9.000 -9.000 -999. 92. 17.4 0.0310 0.47 1.00 1.82 1.0 10.0 283.8 2.0 0

0.00 82. 1013. 0 ADJ-A1 NoSubs
19 10 3 276 24 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.47 1.00 1.93 354.0 10.0 283.1 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 1 -10.5 0.135 -9.000 -9.000 -999. 119. 21.2 0.0380 0.47 1.00 2.06 354.0 10.0 282.5 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 2 -10.7 0.136 -9.000 -9.000 -999. 121. 21.4 0.0380 0.47 1.00 2.08 342.0 10.0 282.0 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 3 -12.1 0.146 -9.000 -9.000 -999. 133. 23.3 0.0380 0.47 1.00 2.21 340.0 10.0 281.4 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 4 -13.4 0.153 -9.000 -9.000 -999. 144. 25.9 0.0380 0.47 1.00 2.32 340.0 10.0 280.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 5 -5.3 0.095 -9.000 -9.000 -999. 71. 14.6 0.0380 0.47 1.00 1.48 346.0 10.0 280.4 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 6 -7.1 0.110 -9.000 -9.000 -999. 88. 17.0 0.0380 0.47 1.00 1.71 343.0 10.0 280.4 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
19 10 4 277 7 -11.3 0.148 -9.000 -9.000 -999. 137. 26.1 0.0380 0.47 0.55 2.23 339.0 10.0 282.0 2.0 0
0.00 82. 1014. 0 ADJ-A1 NoSubs
19 10 4 277 8 21.7 0.118 0.401 0.007 107. 97. -6.8 0.0330 0.47 0.29 1.30 53.0 10.0 285.4 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
19 10 4 277 9 62.8 0.155 0.842 0.010 344. 147. -5.4 0.0370 0.47 0.21 1.62 157.0 10.0 288.1 2.0 0
0.00 61. 1015. 0 ADJ-A1 NoSubs
19 10 4 277 10 96.1 0.148 1.066 0.010 456. 137. -3.1 0.0370 0.47 0.19 1.43 154.0 10.0 292.0 2.0 0
0.00 44. 1015. 0 ADJ-A1 NoSubs
19 10 4 277 11 118.4 0.209 1.250 0.009 597. 229. -7.0 0.0230 0.47 0.18 2.50 206.0 10.0 293.8 2.0 0
0.00 43. 1014. 0 ADJ-A1 NoSubs
19 10 4 277 12 129.5 0.305 1.381 0.008 736. 403. -19.7 0.0290 0.47 0.17 3.85 257.0 10.0 295.4 2.0 0
0.00 36. 1014. 0 ADJ-A1 NoSubs
19 10 4 277 13 128.5 0.298 1.398 0.007 770. 390. -18.5 0.0290 0.47 0.17 3.74 251.0 10.0 294.9 2.0 0
0.00 35. 1014. 0 ADJ-A1 NoSubs
19 10 4 277 14 116.1 0.386 1.368 0.006 798. 576. -44.8 0.0290 0.47 0.18 5.17 263.0 10.0 294.9 2.0 0
0.00 33. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 15 92.8 0.295 1.287 0.005 831. 389. -25.0 0.0260 0.47 0.19 3.88 282.0 10.0 295.4 2.0 0
0.00 34. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 16 59.3 0.231 1.120 0.005 855. 268. -18.8 0.0290 0.47 0.22 2.91 248.0 10.0 295.9 2.0 0
0.00 29. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 17 17.6 0.158 0.749 0.005 860. 153. -20.4 0.0230 0.47 0.31 2.10 182.0 10.0 294.9 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 18 -15.6 0.171 -9.000 -9.000 -999. 170. 32.2 0.0370 0.47 0.62 2.57 173.0 10.0 289.2 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 19 -7.3 0.112 -9.000 -9.000 -999. 91. 17.6 0.0380 0.47 1.00 1.74 232.0 10.0 289.2 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
19 10 4 277 20 -4.9 0.091 -9.000 -9.000 -999. 65. 13.7 0.0290 0.47 1.00 1.48 268.0 10.0 285.9 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
19 10 4 277 21 -7.9 0.116 -9.000 -9.000 -999. 95. 18.0 0.0330 0.47 1.00 1.84 317.0 10.0 285.9 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
19 10 4 277 22 -11.0 0.139 -9.000 -9.000 -999. 124. 21.9 0.0380 0.47 1.00 2.11 334.0 10.0 284.9 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
19 10 4 277 23 -8.3 0.119 -9.000 -9.000 -999. 99. 18.6 0.0380 0.47 1.00 1.84 348.0 10.0 283.8 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
19 10 4 277 24 -10.5 0.135 -9.000 -9.000 -999. 119. 21.2 0.0380 0.47 1.00 2.06 353.0 10.0 283.1 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
19 10 5 278 1 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0380 0.47 1.00 1.38 351.0 10.0 282.0 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
19 10 5 278 2 -12.4 0.147 -9.000 -9.000 -999. 135. 23.8 0.0380 0.47 1.00 2.23 334.0 10.0 282.5 2.0 0

0.00 70. 1014. 0 ADJ-A1 NoSubs
19 10 5 278 3 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.47 1.00 1.91 335.0 10.0 282.5 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
19 10 5 278 4 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0380 0.47 1.00 1.60 337.0 10.0 282.0 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
19 10 5 278 5 -4.7 0.090 -9.000 -9.000 -999. 65. 13.9 0.0380 0.47 1.00 1.40 333.0 10.0 282.0 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
19 10 5 278 6 -3.7 0.080 -9.000 -9.000 -999. 55. 12.6 0.0380 0.47 1.00 1.23 331.0 10.0 280.4 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 10 5 278 7 -3.3 0.079 -9.000 -9.000 -999. 54. 13.5 0.0380 0.47 0.55 1.23 337.0 10.0 283.1 2.0 0
0.00 67. 1014. 0 ADJ-A1 NoSubs
19 10 5 278 8 21.3 0.088 0.354 0.015 75. 62. -2.9 0.0290 0.47 0.29 0.89 67.0 10.0 287.0 2.0 0
0.00 54. 1014. 0 ADJ-A1 NoSubs
19 10 5 278 9 62.7 0.152 0.719 0.012 214. 142. -5.0 0.0340 0.47 0.21 1.60 126.0 10.0 290.9 2.0 0
0.00 42. 1014. 0 ADJ-A1 NoSubs
19 10 5 278 10 96.1 0.148 0.946 0.010 319. 136. -3.0 0.0300 0.47 0.19 1.50 99.0 10.0 294.9 2.0 0
0.00 35. 1014. 0 ADJ-A1 NoSubs
19 10 5 278 11 118.8 0.153 1.051 0.008 354. 144. -2.7 0.0290 0.47 0.18 1.54 68.0 10.0 297.5 2.0 0
0.00 25. 1013. 0 ADJ-A1 NoSubs
19 10 5 278 12 130.5 0.189 1.129 0.005 398. 197. -4.6 0.0370 0.47 0.17 1.93 178.0 10.0 300.4 2.0 0
0.00 21. 1013. 0 ADJ-A1 NoSubs
19 10 5 278 13 129.8 0.301 1.255 0.005 550. 397. -19.0 0.0290 0.47 0.18 3.80 245.0 10.0 300.9 2.0 0
0.00 21. 1012. 0 ADJ-A1 NoSubs
19 10 5 278 14 116.9 0.314 1.369 0.005 792. 423. -23.9 0.0260 0.47 0.18 4.12 270.0 10.0 299.9 2.0 0
0.00 20. 1011. 0 ADJ-A1 NoSubs
19 10 5 278 15 93.6 0.304 1.323 0.006 893. 402. -27.0 0.0260 0.47 0.19 4.02 276.0 10.0 300.4 2.0 0
0.00 20. 1011. 0 ADJ-A1 NoSubs
19 10 5 278 16 59.8 0.244 1.166 0.007 954. 291. -21.9 0.0260 0.47 0.22 3.18 275.0 10.0 300.4 2.0 0
0.00 21. 1010. 0 ADJ-A1 NoSubs
19 10 5 278 17 18.3 0.169 0.791 0.007 971. 169. -23.8 0.0260 0.47 0.31 2.22 271.0 10.0 299.9 2.0 0
0.00 20. 1010. 0 ADJ-A1 NoSubs
19 10 5 278 18 -15.2 0.168 -9.000 -9.000 -999. 166. 31.2 0.0380 0.47 0.64 2.52 221.0 10.0 290.9 2.0 0
0.00 62. 1010. 0 ADJ-A1 NoSubs
19 10 5 278 19 -11.4 0.142 -9.000 -9.000 -999. 129. 22.8 0.0380 0.47 1.00 2.16 232.0 10.0 289.9 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
19 10 5 278 20 -3.9 0.082 -9.000 -9.000 -999. 57. 12.4 0.0260 0.47 1.00 1.35 277.0 10.0 289.2 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
19 10 5 278 21 -5.2 0.093 -9.000 -9.000 -999. 68. 14.0 0.0260 0.47 1.00 1.55 286.0 10.0 288.1 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
19 10 5 278 22 -11.1 0.140 -9.000 -9.000 -999. 126. 22.3 0.0380 0.47 1.00 2.13 336.0 10.0 287.0 2.0 0
0.00 61. 1011. 0 ADJ-A1 NoSubs
19 10 5 278 23 -4.0 0.083 -9.000 -9.000 -999. 58. 13.0 0.0380 0.47 1.00 1.28 334.0 10.0 285.9 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
19 10 5 278 24 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.47 1.00 1.25 334.0 10.0 285.9 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 1 -9.7 0.130 -9.000 -9.000 -999. 112. 20.5 0.0380 0.47 1.00 1.99 339.0 10.0 285.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 2 -11.0 0.138 -9.000 -9.000 -999. 124. 21.7 0.0330 0.47 1.00 2.16 326.0 10.0 285.4 2.0 0
0.00 56. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 3 -12.3 0.147 -9.000 -9.000 -999. 135. 23.8 0.0380 0.47 1.00 2.23 346.0 10.0 285.4 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 4 -9.2 0.126 -9.000 -9.000 -999. 108. 19.8 0.0380 0.47 1.00 1.94 352.0 10.0 284.2 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 5 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.47 1.00 1.93 359.0 10.0 283.8 2.0 0

0.00 58. 1011. 0 ADJ-A1 NoSubs
19 10 6 279 6 -6.5 0.106 -9.000 -9.000 -999. 82. 16.3 0.0380 0.47 1.00 1.64 348.0 10.0 283.8 2.0 0
0.00 55. 1011. 0 ADJ-A1 NoSubs
19 10 6 279 7 -5.2 0.099 -9.000 -9.000 -999. 74. 16.6 0.0330 0.47 0.56 1.57 328.0 10.0 286.4 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
19 10 6 279 8 21.3 0.130 0.308 0.015 49. 113. -9.3 0.0290 0.47 0.29 1.53 72.0 10.0 290.4 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
19 10 6 279 9 63.1 0.158 0.638 0.013 148. 150. -5.6 0.0300 0.47 0.21 1.74 93.0 10.0 294.9 2.0 0
0.00 29. 1011. 0 ADJ-A1 NoSubs
19 10 6 279 10 96.4 0.228 0.797 0.005 189. 261. -11.1 0.0370 0.47 0.19 2.59 151.0 10.0 298.1 2.0 0
0.00 25. 1011. 0 ADJ-A1 NoSubs
19 10 6 279 11 119.8 0.213 0.952 0.005 260. 236. -7.3 0.0300 0.47 0.18 2.42 103.0 10.0 302.0 2.0 0
0.00 18. 1011. 0 ADJ-A1 NoSubs
19 10 6 279 12 130.8 0.206 1.260 0.007 551. 224. -6.0 0.0370 0.47 0.18 2.18 159.0 10.0 303.1 2.0 0
0.00 15. 1011. 0 ADJ-A1 NoSubs
19 10 6 279 13 130.3 0.173 1.391 0.006 744. 173. -3.6 0.0290 0.47 0.18 1.81 85.0 10.0 304.2 2.0 0
0.00 14. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 14 116.3 0.345 1.419 0.006 885. 486. -31.8 0.0290 0.47 0.18 4.52 253.0 10.0 300.9 2.0 0
0.00 19. 1009. 0 ADJ-A1 NoSubs
19 10 6 279 15 91.6 0.323 1.326 0.006 917. 441. -33.1 0.0290 0.47 0.19 4.24 250.0 10.0 298.1 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 16 57.6 0.198 1.144 0.007 938. 221. -12.2 0.0290 0.47 0.22 2.40 258.0 10.0 297.5 2.0 0
0.00 21. 1009. 0 ADJ-A1 NoSubs
19 10 6 279 17 15.3 0.157 0.738 0.007 941. 150. -22.9 0.0380 0.47 0.32 1.91 220.0 10.0 294.9 2.0 0
0.00 28. 1009. 0 ADJ-A1 NoSubs
19 10 6 279 18 -7.9 0.120 -9.000 -9.000 -999. 100. 19.4 0.0380 0.47 0.65 1.84 217.0 10.0 292.0 2.0 0
0.00 36. 1009. 0 ADJ-A1 NoSubs
19 10 6 279 19 -9.9 0.130 -9.000 -9.000 -999. 112. 19.9 0.0230 0.47 1.00 2.16 209.0 10.0 290.9 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 20 -9.2 0.125 -9.000 -9.000 -999. 106. 19.2 0.0260 0.47 1.00 2.05 285.0 10.0 287.5 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 21 -9.0 0.126 -9.000 -9.000 -999. 107. 19.9 0.0380 0.47 1.00 1.93 360.0 10.0 289.2 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 22 -8.5 0.121 -9.000 -9.000 -999. 101. 18.9 0.0330 0.47 1.00 1.91 319.0 10.0 289.2 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 23 -6.4 0.106 -9.000 -9.000 -999. 82. 16.5 0.0380 0.47 1.00 1.64 340.0 10.0 287.5 2.0 0
0.00 52. 1010. 0 ADJ-A1 NoSubs
19 10 6 279 24 -4.4 0.087 -9.000 -9.000 -999. 62. 13.6 0.0380 0.47 1.00 1.35 342.0 10.0 287.0 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 10 7 280 1 -11.3 0.141 -9.000 -9.000 -999. 128. 22.5 0.0380 0.47 1.00 2.15 347.0 10.0 287.0 2.0 0
0.00 54. 1010. 0 ADJ-A1 NoSubs
19 10 7 280 2 -3.2 0.075 -9.000 -9.000 -999. 50. 11.9 0.0330 0.47 1.00 1.16 318.0 10.0 286.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 10 7 280 3 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0380 0.47 1.00 1.72 353.0 10.0 287.0 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
19 10 7 280 4 -5.5 0.097 -9.000 -9.000 -999. 73. 14.9 0.0330 0.47 1.00 1.55 315.0 10.0 286.4 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 10 7 280 5 -10.2 0.134 -9.000 -9.000 -999. 118. 21.3 0.0380 0.47 1.00 2.05 351.0 10.0 287.5 2.0 0
0.00 48. 1009. 0 ADJ-A1 NoSubs
19 10 7 280 6 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0380 0.47 1.00 1.43 348.0 10.0 287.0 2.0 0
0.00 54. 1009. 0 ADJ-A1 NoSubs
19 10 7 280 7 -3.3 0.079 -9.000 -9.000 -999. 53. 13.2 0.0330 0.47 0.57 1.25 303.0 10.0 288.8 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
19 10 7 280 8 20.7 0.116 0.359 0.015 80. 95. -6.8 0.0370 0.47 0.30 1.25 152.0 10.0 290.9 2.0 0

0.00 40. 1010. 0 ADJ-A1 NoSubs
19 10 7 280 9 62.1 0.120 0.642 0.012 153. 100. -2.5 0.0330 0.47 0.21 1.16 305.0 10.0 294.2 2.0 0
0.00 35. 1010. 0 ADJ-A1 NoSubs
19 10 7 280 10 95.8 0.133 0.836 0.010 219. 116. -2.2 0.0300 0.47 0.19 1.28 106.0 10.0 298.8 2.0 0
0.00 28. 1010. 0 ADJ-A1 NoSubs
19 10 7 280 11 119.1 0.177 1.056 0.010 356. 179. -4.2 0.0370 0.47 0.18 1.79 156.0 10.0 302.5 2.0 0
0.00 21. 1009. 0 ADJ-A1 NoSubs
19 10 7 280 12 130.1 0.259 1.258 0.009 550. 316. -12.0 0.0380 0.47 0.18 2.95 232.0 10.0 303.8 2.0 0
0.00 20. 1008. 0 ADJ-A1 NoSubs
19 10 7 280 13 127.3 0.332 1.331 0.008 667. 460. -25.9 0.0290 0.47 0.18 4.29 262.0 10.0 299.9 2.0 0
0.00 22. 1008. 0 ADJ-A1 NoSubs
19 10 7 280 14 114.4 0.305 1.312 0.007 711. 405. -22.4 0.0290 0.47 0.18 3.90 250.0 10.0 298.8 2.0 0
0.00 22. 1008. 0 ADJ-A1 NoSubs
19 10 7 280 15 90.7 0.272 1.234 0.006 745. 340. -19.8 0.0380 0.47 0.19 3.25 218.0 10.0 298.8 2.0 0
0.00 23. 1008. 0 ADJ-A1 NoSubs
19 10 7 280 16 56.2 0.282 1.061 0.005 763. 360. -36.0 0.0380 0.47 0.22 3.54 215.0 10.0 297.0 2.0 0
0.00 25. 1007. 0 ADJ-A1 NoSubs
19 10 7 280 17 14.0 0.249 0.669 0.005 765. 299. -99.3 0.0380 0.47 0.32 3.30 229.0 10.0 294.2 2.0 0
0.00 34. 1007. 0 ADJ-A1 NoSubs
19 10 7 280 18 -6.7 0.109 -9.000 -9.000 -999. 102. 17.4 0.0380 0.47 0.66 1.69 217.0 10.0 290.4 2.0 0
0.00 57. 1007. 0 ADJ-A1 NoSubs
19 10 7 280 19 -8.6 0.123 -9.000 -9.000 -999. 103. 19.4 0.0380 0.47 1.00 1.89 232.0 10.0 289.2 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
19 10 7 280 20 -2.8 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.47 1.00 1.08 328.0 10.0 287.5 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
19 10 7 280 21 -4.2 0.086 -9.000 -9.000 -999. 60. 13.4 0.0380 0.47 1.00 1.33 351.0 10.0 287.0 2.0 0
0.00 63. 1008. 0 ADJ-A1 NoSubs
19 10 7 280 22 -5.7 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.47 1.00 1.55 354.0 10.0 286.4 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
19 10 7 280 23 -8.2 0.119 -9.000 -9.000 -999. 99. 18.7 0.0380 0.47 1.00 1.84 337.0 10.0 286.4 2.0 0
0.00 61. 1007. 0 ADJ-A1 NoSubs
19 10 7 280 24 -14.8 0.163 -9.000 -9.000 -999. 158. 29.2 0.0380 0.47 1.00 2.45 334.0 10.0 287.0 2.0 0
0.00 57. 1007. 0 ADJ-A1 NoSubs
19 10 8 281 1 -8.4 0.122 -9.000 -9.000 -999. 102. 19.1 0.0380 0.47 1.00 1.87 333.0 10.0 286.4 2.0 0
0.00 56. 1007. 0 ADJ-A1 NoSubs
19 10 8 281 2 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.47 1.00 0.92 343.0 10.0 283.1 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
19 10 8 281 3 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0330 0.47 1.00 1.18 317.0 10.0 283.1 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
19 10 8 281 4 -6.2 0.103 -9.000 -9.000 -999. 79. 15.7 0.0330 0.47 1.00 1.64 322.0 10.0 284.2 2.0 0
0.00 63. 1006. 0 ADJ-A1 NoSubs
19 10 8 281 5 -9.8 0.131 -9.000 -9.000 -999. 114. 20.7 0.0380 0.47 1.00 2.01 343.0 10.0 284.2 2.0 0
0.00 63. 1006. 0 ADJ-A1 NoSubs
19 10 8 281 6 -6.1 0.102 -9.000 -9.000 -999. 78. 15.8 0.0380 0.47 1.00 1.59 352.0 10.0 283.1 2.0 0
0.00 67. 1007. 0 ADJ-A1 NoSubs
19 10 8 281 7 -7.1 0.115 -9.000 -9.000 -999. 93. 19.2 0.0330 0.47 0.58 1.81 327.0 10.0 285.4 2.0 0
0.00 61. 1007. 0 ADJ-A1 NoSubs
19 10 8 281 8 19.4 0.084 0.340 0.021 73. 58. -2.7 0.0330 0.47 0.30 0.82 51.0 10.0 288.8 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
19 10 8 281 9 60.7 0.129 0.666 0.018 175. 111. -3.2 0.0370 0.47 0.21 1.25 156.0 10.0 292.5 2.0 0
0.00 38. 1007. 0 ADJ-A1 NoSubs
19 10 8 281 10 93.5 0.166 0.868 0.014 251. 163. -4.4 0.0370 0.47 0.19 1.69 173.0 10.0 294.9 2.0 0
0.00 34. 1007. 0 ADJ-A1 NoSubs
19 10 8 281 11 116.3 0.170 1.052 0.012 359. 168. -3.8 0.0370 0.47 0.18 1.69 167.0 10.0 298.1 2.0 0

0.00 25. 1007. 0 ADJ-A1 NoSubs
19 10 8 281 12 127.6 0.221 1.141 0.010 418. 249. -7.6 0.0230 0.47 0.18 2.67 199.0 10.0 300.4 2.0 0
0.00 23. 1006. 0 ADJ-A1 NoSubs
19 10 8 281 13 125.0 0.369 1.169 0.007 459. 539. -36.1 0.0380 0.47 0.18 4.63 218.0 10.0 296.4 2.0 0
0.00 37. 1006. 0 ADJ-A1 NoSubs
19 10 8 281 14 112.6 0.313 1.158 0.008 494. 422. -24.3 0.0380 0.47 0.18 3.81 235.0 10.0 297.0 2.0 0
0.00 35. 1006. 0 ADJ-A1 NoSubs
19 10 8 281 15 88.3 0.308 1.097 0.007 536. 410. -29.7 0.0380 0.47 0.19 3.81 219.0 10.0 295.4 2.0 0
0.00 43. 1006. 0 ADJ-A1 NoSubs
19 10 8 281 16 53.7 0.283 0.943 0.007 560. 361. -37.7 0.0230 0.47 0.22 3.91 205.0 10.0 293.1 2.0 0
0.00 64. 1006. 0 ADJ-A1 NoSubs
19 10 8 281 17 12.1 0.216 0.575 0.007 563. 243. -75.2 0.0230 0.47 0.33 3.10 201.0 10.0 291.4 2.0 0
0.00 72. 1005. 0 ADJ-A1 NoSubs
19 10 8 281 18 -18.8 0.198 -9.000 -9.000 -999. 211. 43.0 0.0230 0.47 0.68 3.20 197.0 10.0 288.8 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
19 10 8 281 19 -11.5 0.140 -9.000 -9.000 -999. 127. 21.6 0.0230 0.47 1.00 2.32 188.0 10.0 288.1 2.0 0
0.00 89. 1006. 7 ADJ-A1 NoSubs
19 10 8 281 20 -9.0 0.123 -9.000 -9.000 -999. 104. 18.7 0.0230 0.47 1.00 2.06 182.0 10.0 287.5 2.0 0
0.00 93. 1006. 10 ADJ-A1 NoSubs
19 10 8 281 21 -3.5 0.077 -9.000 -9.000 -999. 51. 11.7 0.0230 0.47 1.00 1.28 201.0 10.0 287.5 2.0 0
0.00 93. 1006. 10 ADJ-A1 NoSubs
19 10 8 281 22 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0290 0.47 1.00 1.62 66.0 10.0 287.0 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
19 10 8 281 23 -8.0 0.117 -9.000 -9.000 -999. 96. 17.9 0.0290 0.47 1.00 1.89 85.0 10.0 286.4 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
19 10 8 281 24 -7.7 0.115 -9.000 -9.000 -999. 93. 17.6 0.0290 0.47 1.00 1.86 80.0 10.0 287.0 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 10 9 282 1 -6.6 0.106 -9.000 -9.000 -999. 82. 16.1 0.0290 0.47 1.00 1.72 74.0 10.0 287.0 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 10 9 282 2 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.25 34.0 10.0 287.0 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 10 9 282 3 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0310 0.47 1.00 1.52 12.0 10.0 285.9 2.0 0
0.00 92. 1006. 10 ADJ-A1 NoSubs
19 10 9 282 4 -3.8 0.082 -9.000 -9.000 -999. 56. 12.9 0.0380 0.47 1.00 1.26 346.0 10.0 286.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 10 9 282 5 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.47 1.00 1.35 33.0 10.0 286.4 2.0 0
0.00 86. 1006. 10 ADJ-A1 NoSubs
19 10 9 282 6 -10.7 0.136 -9.000 -9.000 -999. 120. 21.2 0.0300 0.47 1.00 2.16 95.0 10.0 286.4 2.0 0
0.00 83. 1007. 10 ADJ-A1 NoSubs
19 10 9 282 7 -13.3 0.156 -9.000 -9.000 -999. 148. 26.9 0.0300 0.47 0.58 2.45 90.0 10.0 286.4 2.0 0
0.00 77. 1007. 10 ADJ-A1 NoSubs
19 10 9 282 8 22.3 0.190 0.497 0.018 198. 199. -27.7 0.0300 0.47 0.30 2.45 90.0 10.0 286.4 2.0 0
0.00 77. 1008. 3 ADJ-A1 NoSubs
19 10 9 282 9 59.1 0.159 0.789 0.018 299. 152. -6.1 0.0300 0.47 0.21 1.77 112.0 10.0 289.9 2.0 0
0.00 64. 1008. 0 ADJ-A1 NoSubs
19 10 9 282 10 91.3 0.145 0.937 0.016 324. 133. -3.0 0.0370 0.47 0.19 1.40 160.0 10.0 290.4 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
19 10 9 282 11 113.5 0.214 1.038 0.014 354. 237. -7.7 0.0230 0.47 0.18 2.59 184.0 10.0 292.5 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
19 10 9 282 12 123.9 0.295 1.181 0.018 478. 384. -18.6 0.0230 0.47 0.18 3.88 209.0 10.0 292.5 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
19 10 9 282 13 122.7 0.328 1.209 0.018 517. 452. -25.9 0.0380 0.47 0.18 4.02 215.0 10.0 292.5 2.0 0
0.00 54. 1006. 0 ADJ-A1 NoSubs
19 10 9 282 14 110.5 0.287 1.208 0.017 572. 369. -19.1 0.0380 0.47 0.18 3.42 220.0 10.0 293.8 2.0 0

0.00 43. 1005. 0 ADJ-A1 NoSubs
19 10 9 282 15 87.0 0.242 1.151 0.017 628. 287. -14.6 0.0230 0.47 0.19 3.12 189.0 10.0 294.9 2.0 0
0.00 37. 1005. 0 ADJ-A1 NoSubs
19 10 9 282 16 52.5 0.234 0.980 0.016 641. 271. -21.8 0.0370 0.47 0.22 2.84 169.0 10.0 293.1 2.0 0
0.00 49. 1005. 0 ADJ-A1 NoSubs
19 10 9 282 17 10.5 0.252 0.574 0.016 642. 303. -135.7 0.0340 0.47 0.33 3.44 147.0 10.0 289.9 2.0 0
0.00 66. 1005. 0 ADJ-A1 NoSubs
19 10 9 282 18 -21.6 0.224 -9.000 -9.000 -999. 254. 55.0 0.0340 0.47 0.69 3.37 148.0 10.0 287.0 2.0 0
0.00 77. 1006. 0 ADJ-A1 NoSubs
19 10 9 282 19 -20.4 0.207 -9.000 -9.000 -999. 226. 47.1 0.0340 0.47 1.00 3.13 144.0 10.0 285.9 2.0 0
0.00 76. 1006. 0 ADJ-A1 NoSubs
19 10 9 282 20 -5.7 0.098 -9.000 -9.000 -999. 80. 14.9 0.0290 0.47 1.00 1.60 85.0 10.0 285.9 2.0 0
0.00 76. 1007. 0 ADJ-A1 NoSubs
19 10 9 282 21 -5.7 0.098 -9.000 -9.000 -999. 74. 15.0 0.0330 0.47 1.00 1.57 325.0 10.0 284.2 2.0 0
0.00 82. 1007. 0 ADJ-A1 NoSubs
19 10 9 282 22 -9.2 0.126 -9.000 -9.000 -999. 108. 19.8 0.0380 0.47 1.00 1.94 337.0 10.0 283.1 2.0 0
0.00 86. 1007. 0 ADJ-A1 NoSubs
19 10 9 282 23 -5.3 0.095 -9.000 -9.000 -999. 70. 14.6 0.0380 0.47 1.00 1.48 359.0 10.0 282.0 2.0 0
0.00 85. 1007. 0 ADJ-A1 NoSubs
19 10 9 282 24 -7.9 0.117 -9.000 -9.000 -999. 96. 18.2 0.0380 0.47 1.00 1.81 343.0 10.0 282.0 2.0 0
0.00 85. 1007. 0 ADJ-A1 NoSubs
19 10 10 283 1 -6.7 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.47 1.00 1.67 349.0 10.0 280.4 2.0 0
0.00 85. 1007. 0 ADJ-A1 NoSubs
19 10 10 283 2 -8.0 0.117 -9.000 -9.000 -999. 96. 18.2 0.0380 0.47 1.00 1.81 333.0 10.0 280.9 2.0 0
0.00 82. 1007. 0 ADJ-A1 NoSubs
19 10 10 283 3 -14.4 0.159 -9.000 -9.000 -999. 152. 27.9 0.0380 0.47 1.00 2.40 341.0 10.0 280.4 2.0 0
0.00 76. 1007. 0 ADJ-A1 NoSubs
19 10 10 283 4 -6.2 0.103 -9.000 -9.000 -999. 80. 15.8 0.0380 0.47 1.00 1.60 332.0 10.0 279.9 2.0 0
0.00 78. 1007. 0 ADJ-A1 NoSubs
19 10 10 283 5 -7.4 0.112 -9.000 -9.000 -999. 90. 17.3 0.0380 0.47 1.00 1.74 337.0 10.0 279.9 2.0 0
0.00 76. 1008. 0 ADJ-A1 NoSubs
19 10 10 283 6 -8.1 0.118 -9.000 -9.000 -999. 97. 18.2 0.0380 0.47 1.00 1.82 330.0 10.0 279.2 2.0 0
0.00 75. 1008. 0 ADJ-A1 NoSubs
19 10 10 283 7 -3.0 0.075 -9.000 -9.000 -999. 49. 12.4 0.0380 0.47 0.59 1.14 354.0 10.0 280.9 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
19 10 10 283 8 17.3 0.124 0.415 0.005 148. 105. -9.9 0.0330 0.47 0.30 1.43 320.0 10.0 285.9 2.0 0
0.00 56. 1009. 0 ADJ-A1 NoSubs
19 10 10 283 9 58.3 0.134 0.913 0.008 470. 118. -3.7 0.0370 0.47 0.22 1.33 160.0 10.0 289.9 2.0 0
0.00 34. 1010. 0 ADJ-A1 NoSubs
19 10 10 283 10 91.4 0.167 1.142 0.011 587. 164. -4.6 0.0290 0.47 0.19 1.81 83.0 10.0 293.8 2.0 0
0.00 17. 1009. 0 ADJ-A1 NoSubs
19 10 10 283 11 113.9 0.264 1.308 0.013 709. 326. -14.6 0.0340 0.47 0.18 3.15 126.0 10.0 296.4 2.0 0
0.00 13. 1009. 0 ADJ-A1 NoSubs
19 10 10 283 12 124.8 0.276 1.423 0.014 832. 348. -15.2 0.0340 0.47 0.18 3.30 148.0 10.0 298.1 2.0 0
0.00 12. 1009. 0 ADJ-A1 NoSubs
19 10 10 283 13 124.0 0.222 1.463 0.014 909. 252. -7.9 0.0340 0.47 0.18 2.48 146.0 10.0 299.2 2.0 0
0.00 11. 1008. 0 ADJ-A1 NoSubs
19 10 10 283 14 112.1 0.215 1.437 0.014 953. 239. -7.9 0.0340 0.47 0.18 2.40 132.0 10.0 300.9 2.0 0
0.00 11. 1007. 0 ADJ-A1 NoSubs
19 10 10 283 15 86.7 0.331 1.325 0.014 965. 458. -37.7 0.0260 0.47 0.19 4.48 274.0 10.0 297.0 2.0 0
0.00 17. 1007. 0 ADJ-A1 NoSubs
19 10 10 283 16 52.3 0.315 1.122 0.014 972. 424. -53.6 0.0260 0.47 0.23 4.34 272.0 10.0 295.9 2.0 0
0.00 17. 1008. 0 ADJ-A1 NoSubs
19 10 10 283 17 10.9 0.132 0.666 0.014 973. 148. -19.1 0.0290 0.47 0.34 1.67 253.0 10.0 294.9 2.0 0

0.00 18. 1008. 0 ADJ-A1 NoSubs
19 10 10 283 18 -11.2 0.142 -9.000 -9.000 -999. 128. 22.7 0.0370 0.47 0.71 2.16 179.0 10.0 289.9 2.0 0
0.00 45. 1008. 0 ADJ-A1 NoSubs
19 10 10 283 19 -3.1 0.074 -9.000 -9.000 -999. 50. 11.8 0.0330 0.47 1.00 1.14 311.0 10.0 288.8 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
19 10 10 283 20 -11.3 0.141 -9.000 -9.000 -999. 128. 22.5 0.0380 0.47 1.00 2.15 333.0 10.0 287.5 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
19 10 10 283 21 -12.7 0.150 -9.000 -9.000 -999. 139. 24.8 0.0380 0.47 1.00 2.27 338.0 10.0 287.0 2.0 0
0.00 39. 1009. 0 ADJ-A1 NoSubs
19 10 10 283 22 -12.5 0.149 -9.000 -9.000 -999. 137. 24.3 0.0380 0.47 1.00 2.25 335.0 10.0 286.4 2.0 0
0.00 39. 1009. 0 ADJ-A1 NoSubs
19 10 10 283 23 -5.2 0.093 -9.000 -9.000 -999. 69. 13.9 0.0260 0.47 1.00 1.55 289.0 10.0 282.0 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
19 10 10 283 24 -14.3 0.159 -9.000 -9.000 -999. 153. 27.9 0.0380 0.47 1.00 2.40 339.0 10.0 284.9 2.0 0
0.00 44. 1010. 0 ADJ-A1 NoSubs
19 10 11 284 1 -12.7 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.47 1.00 2.27 333.0 10.0 284.9 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
19 10 11 284 2 -6.5 0.106 -9.000 -9.000 -999. 83. 16.5 0.0380 0.47 1.00 1.65 354.0 10.0 284.9 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
19 10 11 284 3 -5.8 0.099 -9.000 -9.000 -999. 75. 15.1 0.0310 0.47 1.00 1.60 4.0 10.0 285.4 2.0 0
0.00 39. 1009. 0 ADJ-A1 NoSubs
19 10 11 284 4 -6.3 0.103 -9.000 -9.000 -999. 80. 15.8 0.0330 0.47 1.00 1.65 49.0 10.0 283.8 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
19 10 11 284 5 -2.2 0.066 -9.000 -9.000 -999. 40. 11.5 0.0310 0.47 1.00 0.92 17.0 10.0 283.8 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
19 10 11 284 6 -2.2 0.065 -9.000 -9.000 -999. 40. 11.5 0.0310 0.47 1.00 0.91 19.0 10.0 283.1 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
19 10 11 284 7 -2.5 0.069 -9.000 -9.000 -999. 43. 11.9 0.0380 0.47 0.60 1.01 338.0 10.0 284.9 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
19 10 11 284 8 16.9 0.102 0.292 0.013 53. 78. -5.7 0.0290 0.47 0.31 1.14 69.0 10.0 287.5 2.0 0
0.00 34. 1011. 0 ADJ-A1 NoSubs
19 10 11 284 9 57.7 0.124 0.580 0.011 122. 104. -2.9 0.0300 0.47 0.22 1.25 109.0 10.0 290.9 2.0 0
0.00 28. 1011. 0 ADJ-A1 NoSubs
19 10 11 284 10 91.1 0.140 0.909 0.007 298. 126. -2.7 0.0370 0.47 0.19 1.33 151.0 10.0 295.4 2.0 0
0.00 21. 1011. 0 ADJ-A1 NoSubs
19 10 11 284 11 114.0 0.169 1.139 0.006 468. 167. -3.8 0.0370 0.47 0.18 1.69 154.0 10.0 299.2 2.0 0
0.00 14. 1010. 0 ADJ-A1 NoSubs
19 10 11 284 12 124.5 0.194 1.208 0.005 511. 205. -5.3 0.0340 0.47 0.18 2.06 127.0 10.0 299.9 2.0 0
0.00 10. 1010. 0 ADJ-A1 NoSubs
19 10 11 284 13 123.9 0.188 1.323 0.005 673. 196. -4.9 0.0370 0.47 0.18 1.94 154.0 10.0 301.4 2.0 0
0.00 9. 1009. 0 ADJ-A1 NoSubs
19 10 11 284 14 111.2 0.249 1.392 0.007 873. 298. -12.5 0.0380 0.47 0.18 2.85 217.0 10.0 301.4 2.0 0
0.00 10. 1008. 0 ADJ-A1 NoSubs
19 10 11 284 15 86.7 0.300 1.320 0.008 955. 395. -28.1 0.0290 0.47 0.19 3.90 240.0 10.0 299.9 2.0 0
0.00 11. 1008. 0 ADJ-A1 NoSubs
19 10 11 284 16 52.2 0.243 1.126 0.008 985. 289. -24.8 0.0290 0.47 0.23 3.13 249.0 10.0 298.8 2.0 0
0.00 12. 1008. 0 ADJ-A1 NoSubs
19 10 11 284 17 10.4 0.178 0.659 0.008 988. 181. -48.5 0.0290 0.47 0.34 2.39 242.0 10.0 296.4 2.0 0
0.00 14. 1007. 0 ADJ-A1 NoSubs
19 10 11 284 18 -5.4 0.098 -9.000 -9.000 -999. 75. 15.4 0.0380 0.47 0.72 1.52 229.0 10.0 293.1 2.0 0
0.00 21. 1008. 0 ADJ-A1 NoSubs
19 10 11 284 19 -5.7 0.100 -9.000 -9.000 -999. 75. 15.5 0.0380 0.47 1.00 1.55 348.0 10.0 289.9 2.0 0
0.00 33. 1008. 0 ADJ-A1 NoSubs
19 10 11 284 20 -5.0 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.47 1.00 1.45 352.0 10.0 286.4 2.0 0

0.00 41. 1008. 0 ADJ-A1 NoSubs
19 10 11 284 21 -9.5 0.129 -9.000 -9.000 -999. 112. 20.4 0.0380 0.47 1.00 1.98 339.0 10.0 286.4 2.0 0
0.00 39. 1009. 0 ADJ-A1 NoSubs
19 10 11 284 22 -17.6 0.179 -9.000 -9.000 -999. 181. 35.2 0.0330 0.47 1.00 2.74 323.0 10.0 287.0 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
19 10 11 284 23 -9.6 0.130 -9.000 -9.000 -999. 113. 20.5 0.0380 0.47 1.00 1.99 336.0 10.0 285.9 2.0 0
0.00 36. 1008. 0 ADJ-A1 NoSubs
19 10 11 284 24 -17.7 0.179 -9.000 -9.000 -999. 181. 35.1 0.0380 0.47 1.00 2.67 344.0 10.0 284.9 2.0 0
0.00 40. 1008. 0 ADJ-A1 NoSubs
19 10 12 285 1 -8.9 0.124 -9.000 -9.000 -999. 106. 19.4 0.0380 0.47 1.00 1.91 339.0 10.0 283.8 2.0 0
0.00 42. 1008. 0 ADJ-A1 NoSubs
19 10 12 285 2 -3.9 0.082 -9.000 -9.000 -999. 56. 12.8 0.0380 0.47 1.00 1.26 345.0 10.0 283.1 2.0 0
0.00 43. 1008. 0 ADJ-A1 NoSubs
19 10 12 285 3 -9.8 0.130 -9.000 -9.000 -999. 112. 20.2 0.0330 0.47 1.00 2.04 322.0 10.0 284.2 2.0 0
0.00 40. 1007. 0 ADJ-A1 NoSubs
19 10 12 285 4 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.47 1.00 1.43 334.0 10.0 282.0 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
19 10 12 285 5 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0330 0.47 1.00 1.79 310.0 10.0 282.0 2.0 0
0.00 49. 1007. 0 ADJ-A1 NoSubs
19 10 12 285 6 -4.3 0.086 -9.000 -9.000 -999. 60. 13.3 0.0380 0.47 1.00 1.33 331.0 10.0 280.9 2.0 0
0.00 53. 1007. 0 ADJ-A1 NoSubs
19 10 12 285 7 -5.4 0.098 -9.000 -9.000 -999. 74. 15.8 0.0380 0.47 0.61 1.53 335.0 10.0 282.5 2.0 0
0.00 49. 1008. 0 ADJ-A1 NoSubs
19 10 12 285 8 16.1 0.085 0.282 0.018 50. 60. -3.5 0.0290 0.47 0.31 0.89 245.0 10.0 287.5 2.0 0
0.00 37. 1008. 0 ADJ-A1 NoSubs
19 10 12 285 9 56.9 0.140 0.638 0.015 164. 126. -4.3 0.0370 0.47 0.22 1.42 177.0 10.0 290.9 2.0 0
0.00 28. 1008. 0 ADJ-A1 NoSubs
19 10 12 285 10 89.8 0.159 0.834 0.012 232. 153. -4.0 0.0380 0.47 0.19 1.59 210.0 10.0 294.2 2.0 0
0.00 25. 1008. 0 ADJ-A1 NoSubs
19 10 12 285 11 112.6 0.162 0.995 0.009 314. 157. -3.4 0.0370 0.47 0.18 1.59 155.0 10.0 298.1 2.0 0
0.00 20. 1007. 0 ADJ-A1 NoSubs
19 10 12 285 12 123.5 0.217 1.113 0.007 401. 242. -7.4 0.0230 0.47 0.18 2.61 198.0 10.0 299.9 2.0 0
0.00 17. 1007. 0 ADJ-A1 NoSubs
19 10 12 285 13 122.0 0.278 1.210 0.006 521. 352. -15.8 0.0260 0.47 0.18 3.52 273.0 10.0 299.2 2.0 0
0.00 20. 1006. 0 ADJ-A1 NoSubs
19 10 12 285 14 109.7 0.258 1.242 0.005 627. 316. -14.1 0.0290 0.47 0.18 3.17 256.0 10.0 300.4 2.0 0
0.00 18. 1005. 0 ADJ-A1 NoSubs
19 10 12 285 15 84.9 0.360 1.198 0.005 728. 518. -49.3 0.0380 0.47 0.19 4.60 234.0 10.0 298.1 2.0 0
0.00 18. 1005. 0 ADJ-A1 NoSubs
19 10 12 285 16 50.4 0.245 1.022 0.005 759. 298. -26.1 0.0380 0.47 0.23 3.00 221.0 10.0 297.0 2.0 0
0.00 26. 1005. 0 ADJ-A1 NoSubs
19 10 12 285 17 7.2 0.248 0.532 0.005 751. 296. -189.9 0.0230 0.47 0.35 3.66 183.0 10.0 289.2 2.0 0
0.00 69. 1005. 0 ADJ-A1 NoSubs
19 10 12 285 18 -17.4 0.177 -9.000 -9.000 -999. 181. 34.6 0.0230 0.47 0.74 2.89 194.0 10.0 286.4 2.0 0
0.00 83. 1005. 0 ADJ-A1 NoSubs
19 10 12 285 19 -9.9 0.130 -9.000 -9.000 -999. 112. 19.7 0.0230 0.47 1.00 2.16 201.0 10.0 285.4 2.0 0
0.00 89. 1006. 0 ADJ-A1 Sub_CC
19 10 12 285 20 -2.0 0.063 -9.000 -9.000 -999. 40. 11.3 0.0260 0.47 1.00 0.89 283.0 10.0 285.4 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
19 10 12 285 21 -2.6 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.47 1.00 1.01 218.0 10.0 285.4 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
19 10 12 285 22 -8.2 0.118 -9.000 -9.000 -999. 98. 18.2 0.0310 0.47 1.00 1.89 17.0 10.0 284.2 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
19 10 12 285 23 -9.3 0.126 -9.000 -9.000 -999. 108. 19.5 0.0310 0.47 1.00 2.01 2.0 10.0 283.1 2.0 0

0.00 86. 1006. 0 ADJ-A1 NoSubs
19 10 12 285 24 -12.1 0.146 -9.000 -9.000 -999. 134. 23.6 0.0380 0.47 1.00 2.22 343.0 10.0 283.1 2.0 0
0.00 76. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 1 -6.3 0.104 -9.000 -9.000 -999. 81. 16.1 0.0380 0.47 1.00 1.62 350.0 10.0 282.0 2.0 0
0.00 79. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 2 -7.8 0.116 -9.000 -9.000 -999. 95. 17.9 0.0380 0.47 1.00 1.79 331.0 10.0 281.4 2.0 0
0.00 70. 1005. 0 ADJ-A1 NoSubs
19 10 13 286 3 -6.6 0.106 -9.000 -9.000 -999. 83. 16.2 0.0330 0.47 1.00 1.69 326.0 10.0 280.9 2.0 0
0.00 70. 1005. 0 ADJ-A1 NoSubs
19 10 13 286 4 -6.7 0.107 -9.000 -9.000 -999. 84. 16.2 0.0330 0.47 1.00 1.70 328.0 10.0 279.2 2.0 0
0.00 82. 1005. 0 ADJ-A1 NoSubs
19 10 13 286 5 -6.5 0.105 -9.000 -9.000 -999. 81. 15.9 0.0310 0.47 1.00 1.69 5.0 10.0 280.4 2.0 0
0.00 73. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 6 -5.4 0.096 -9.000 -9.000 -999. 72. 14.7 0.0380 0.47 1.00 1.50 338.0 10.0 279.2 2.0 0
0.00 73. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 7 -3.9 0.084 -9.000 -9.000 -999. 58. 13.4 0.0380 0.47 0.61 1.30 359.0 10.0 280.9 2.0 0
0.00 67. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 8 14.9 0.133 -9.000 -9.000 -999. 116. -14.1 0.0380 0.47 0.31 1.54 355.0 10.0 285.4 2.0 0
0.00 58. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 9 55.5 0.144 -9.000 -9.000 -999. 131. -4.8 0.0370 0.47 0.22 1.48 155.0 10.0 288.8 2.0 0
0.00 40. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 10 88.4 0.196 -9.000 -9.000 -999. 208. -7.7 0.0380 0.47 0.19 2.13 225.0 10.0 292.5 2.0 0
0.00 39. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 11 110.5 0.168 -9.000 -9.000 -999. 165. -3.8 0.0290 0.47 0.18 1.77 251.0 10.0 294.9 2.0 0
0.00 31. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 12 121.1 0.333 -9.000 -9.000 -999. 462. -27.5 0.0380 0.47 0.18 4.10 219.0 10.0 295.9 2.0
0 0.00 28. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 13 119.0 0.342 -9.000 -9.000 -999. 479. -30.1 0.0290 0.47 0.18 4.46 247.0 10.0 293.8 2.0
0 0.00 35. 1005. 0 ADJ-A1 NoSubs
19 10 13 286 14 106.0 0.332 -9.000 -9.000 -999. 459. -31.0 0.0380 0.47 0.18 4.12 224.0 10.0 293.1 2.0
0 0.00 32. 1005. 0 ADJ-A1 NoSubs
19 10 13 286 15 81.7 0.329 -9.000 -9.000 -999. 452. -38.9 0.0380 0.47 0.19 4.14 219.0 10.0 292.0 2.0 0
0.00 51. 1005. 0 ADJ-A1 NoSubs
19 10 13 286 16 46.9 0.291 -9.000 -9.000 -999. 377. -47.1 0.0380 0.47 0.23 3.71 236.0 10.0 289.2 2.0 0
0.00 64. 1005. 0 ADJ-A1 NoSubs
19 10 13 286 17 5.6 0.216 -9.000 -9.000 -999. 242. -159.8 0.0380 0.47 0.35 2.90 236.0 10.0 287.0 2.0 0
0.00 80. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 18 -17.1 0.175 -9.000 -9.000 -999. 176. 33.7 0.0380 0.47 0.75 2.62 210.0 10.0 285.4 2.0 0
0.00 86. 1006. 0 ADJ-A1 NoSubs
19 10 13 286 19 -5.5 0.095 -9.000 -9.000 -999. 73. 14.2 0.0230 0.47 1.00 1.62 192.0 10.0 285.4 2.0 0
0.00 86. 1006. 3 ADJ-A1 NoSubs
19 10 13 286 20 -7.0 0.109 -9.000 -9.000 -999. 86. 16.6 0.0300 0.47 1.00 1.76 95.0 10.0 284.9 2.0 0
0.00 89. 1007. 3 ADJ-SFC NoSubs
19 10 13 286 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 285.4 2.0
0 0.00 86. 1007. 10 ADJ-SFC NoSubs
19 10 13 286 22 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0290 0.47 1.00 1.76 64.0 10.0 285.4 2.0 0
0.00 86. 1007. 10 ADJ-SFC NoSubs
19 10 13 286 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 89. 1007. 10 ADJ-SFC NoSubs
19 10 13 286 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 85. 1008. 10 ADJ-SFC NoSubs
19 10 14 287 1 -7.2 0.111 -9.000 -9.000 -999. 88. 17.0 0.0330 0.47 1.00 1.76 45.0 10.0 284.2 2.0 0
0.00 86. 1008. 10 ADJ-SFC NoSubs
19 10 14 287 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 283.8 2.0

0 0.00 85. 1008. 10 ADJ-SFC NoSubs
19 10 14 287 3 -7.2 0.111 -9.000 -9.000 -999. 88. 17.0 0.0330 0.47 1.00 1.76 32.0 10.0 283.8 2.0 0
0.00 85. 1007. 10 ADJ-SFC NoSubs
19 10 14 287 4 -7.1 0.110 -9.000 -9.000 -999. 88. 16.8 0.0317 0.47 1.00 1.76 999.0 10.0 283.1 2.0 0
0.00 89. 1008. 10 ADJ-SFC NoSubs
19 10 14 287 5 -13.9 0.156 -9.000 -9.000 -999. 148. 26.9 0.0380 0.47 1.00 2.36 351.0 10.0 281.4 2.0 0
0.00 92. 1008. 10 ADJ-SFC NoSubs
19 10 14 287 6 -13.1 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.47 1.00 2.36 9.0 10.0 281.4 2.0 0
0.00 89. 1009. 10 ADJ-SFC NoSubs
19 10 14 287 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.62 0.00 0.0 10.0 282.0 2.0
0 0.00 82. 1009. 10 ADJ-SFC NoSubs
19 10 14 287 8 1.3 -9.000 -9.000 -9.000 29. -999. -99999.0 0.0317 0.47 0.31 0.00 0.0 10.0 283.1 2.0 0
0.00 82. 1010. 10 ADJ-SFC NoSubs
19 10 14 287 9 47.2 -9.000 -9.000 -9.000 238. -999. -99999.0 0.0317 0.47 0.22 0.00 0.0 10.0 283.8 2.0 0
0.00 79. 1010. 7 ADJ-SFC NoSubs
19 10 14 287 10 86.2 -9.000 -9.000 -9.000 303. -999. -99999.0 0.0317 0.47 0.19 0.00 0.0 10.0 287.5 2.0
0 0.00 64. 1010. 0 ADJ-SFC NoSubs
19 10 14 287 11 108.2 0.249 1.030 0.015 364. 298. -12.9 0.0380 0.47 0.18 2.86 225.0 10.0 290.4 2.0 0
0.00 57. 1010. 0 ADJ-SFC NoSubs
19 10 14 287 12 118.5 0.350 1.105 0.012 411. 497. -32.6 0.0380 0.47 0.18 4.36 232.0 10.0 290.9 2.0 0
0.00 53. 1010. 0 ADJ-SFC NoSubs
19 10 14 287 13 117.3 0.284 1.138 0.012 452. 365. -17.6 0.0380 0.47 0.18 3.36 223.0 10.0 291.4 2.0 0
0.00 49. 1009. 0 ADJ-SFC NoSubs
19 10 14 287 14 104.3 0.327 1.128 0.012 496. 449. -30.2 0.0260 0.47 0.18 4.36 275.0 10.0 290.9 2.0 0
0.00 55. 1009. 0 ADJ-SFC NoSubs
19 10 14 287 15 80.3 0.233 1.058 0.011 532. 274. -14.2 0.0290 0.47 0.19 2.86 256.0 10.0 290.9 2.0 0
0.00 59. 1009. 0 ADJ-SFC NoSubs
19 10 14 287 16 45.7 0.256 0.887 0.011 549. 310. -33.0 0.0290 0.47 0.23 3.36 250.0 10.0 289.2 2.0 0
0.00 69. 1010. 0 ADJ-SFC NoSubs
19 10 14 287 17 4.6 0.235 0.412 0.011 549. 274. -255.0 0.0290 0.47 0.36 3.36 242.0 10.0 287.0 2.0 0
0.00 77. 1010. 0 ADJ-SFC NoSubs
19 10 14 287 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 89. 1010. 0 ADJ-SFC NoSubs
19 10 14 287 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 89. 1011. 5 ADJ-SFC NoSubs
19 10 14 287 20 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0290 0.47 1.00 1.76 74.0 10.0 285.4 2.0 0
0.00 86. 1011. 10 ADJ-SFC NoSubs
19 10 14 287 21 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.47 1.00 1.76 224.0 10.0 284.2 2.0 0
0.00 89. 1011. 10 ADJ-SFC NoSubs
19 10 14 287 22 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.47 1.00 0.91 230.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 10 14 287 23 -3.4 0.077 -9.000 -9.000 -999. 51. 12.1 0.0330 0.47 1.00 1.20 51.0 10.0 284.2 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 10 14 287 24 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0330 0.47 1.00 1.23 325.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 10 15 288 1 -5.5 0.096 -9.000 -9.000 -999. 72. 14.7 0.0330 0.47 1.00 1.54 327.0 10.0 283.1 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 10 15 288 2 -4.4 0.086 -9.000 -9.000 -999. 61. 13.2 0.0330 0.47 1.00 1.37 320.0 10.0 283.1 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 10 15 288 3 -4.2 0.085 -9.000 -9.000 -999. 59. 13.0 0.0330 0.47 1.00 1.35 315.0 10.0 282.5 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 10 15 288 4 -5.6 0.098 -9.000 -9.000 -999. 73. 15.0 0.0380 0.47 1.00 1.52 346.0 10.0 282.0 2.0 0
0.00 95. 1012. 10 ADJ-A1 NoSubs
19 10 15 288 5 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.47 1.00 1.21 20.0 10.0 282.5 2.0 0

0.00 96. 1012. 10 ADJ-A1 NoSubs
19 10 15 288 6 -4.1 0.083 -9.000 -9.000 -999. 57. 12.7 0.0310 0.47 1.00 1.33 16.0 10.0 282.5 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 10 15 288 7 -1.7 0.061 -9.000 -9.000 -999. 36. 12.0 0.0290 0.47 0.63 0.77 240.0 10.0 282.0 2.0 0
0.00 95. 1013. 10 ADJ-A1 NoSubs
19 10 15 288 8 1.1 0.078 0.161 0.024 141. 53. -41.1 0.0230 0.47 0.32 1.09 181.0 10.0 282.5 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
19 10 15 288 9 11.2 0.094 0.380 0.025 177. 70. -6.8 0.0230 0.47 0.22 1.13 203.0 10.0 283.8 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
19 10 15 288 10 71.9 0.161 0.801 0.024 259. 154. -5.2 0.0230 0.47 0.19 1.86 199.0 10.0 287.0 2.0 0
0.00 74. 1014. 7 ADJ-A1 NoSubs
19 10 15 288 11 106.9 0.199 0.968 0.022 307. 213. -6.7 0.0380 0.47 0.18 2.13 211.0 10.0 288.8 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
19 10 15 288 12 117.5 0.230 1.048 0.020 353. 265. -9.3 0.0370 0.47 0.18 2.57 179.0 10.0 290.9 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
19 10 15 288 13 116.4 0.246 1.082 0.018 393. 293. -11.5 0.0230 0.47 0.18 3.10 201.0 10.0 292.0 2.0 0
0.00 55. 1012. 0 ADJ-A1 NoSubs
19 10 15 288 14 103.8 0.264 1.068 0.016 423. 325. -15.9 0.0230 0.47 0.18 3.42 201.0 10.0 293.1 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
19 10 15 288 15 80.0 0.217 0.996 0.015 445. 244. -11.6 0.0230 0.47 0.20 2.74 190.0 10.0 293.8 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 10 15 288 16 45.5 0.255 0.832 0.014 456. 308. -32.7 0.0230 0.47 0.24 3.49 197.0 10.0 292.5 2.0 0
0.00 46. 1011. 0 ADJ-A1 NoSubs
19 10 15 288 17 4.2 0.217 0.377 0.014 456. 244. -218.4 0.0380 0.47 0.36 2.95 212.0 10.0 289.9 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 10 15 288 18 -12.4 0.145 -9.000 -9.000 -999. 134. 23.2 0.0230 0.47 1.00 2.40 193.0 10.0 285.9 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
19 10 15 288 19 -18.3 0.185 -9.000 -9.000 -999. 190. 37.5 0.0340 0.47 1.00 2.81 148.0 10.0 285.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 10 15 288 20 -8.9 0.124 -9.000 -9.000 -999. 105. 19.1 0.0300 0.47 1.00 1.98 110.0 10.0 285.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 10 15 288 21 -5.3 0.095 -9.000 -9.000 -999. 70. 14.4 0.0290 0.47 1.00 1.55 75.0 10.0 285.4 2.0 0
0.00 89. 1012. 7 ADJ-A1 NoSubs
19 10 15 288 22 -3.0 0.072 -9.000 -9.000 -999. 47. 11.5 0.0290 0.47 1.00 1.13 67.0 10.0 285.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 10 15 288 23 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0330 0.47 1.00 1.16 38.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 10 15 288 24 -2.4 0.067 -9.000 -9.000 -999. 41. 11.3 0.0290 0.47 1.00 0.97 77.0 10.0 284.2 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 10 16 289 1 -2.8 0.071 -9.000 -9.000 -999. 45. 11.6 0.0330 0.47 1.00 1.06 31.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 10 16 289 2 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0330 0.47 1.00 1.60 313.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 10 16 289 3 -3.3 0.075 -9.000 -9.000 -999. 50. 11.8 0.0310 0.47 1.00 1.18 7.0 10.0 282.5 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 10 16 289 4 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.47 1.00 1.21 14.0 10.0 283.1 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 10 16 289 5 -3.6 0.079 -9.000 -9.000 -999. 53. 12.2 0.0310 0.47 1.00 1.25 6.0 10.0 282.0 2.0 0
0.00 95. 1011. 10 ADJ-A1 NoSubs
19 10 16 289 6 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0330 0.47 1.00 1.04 320.0 10.0 281.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 10 16 289 7 -2.3 0.067 -9.000 -9.000 -999. 41. 11.8 0.0380 0.47 0.64 0.92 350.0 10.0 282.0 2.0 0
0.00 95. 1011. 10 ADJ-A1 NoSubs
19 10 16 289 8 0.8 0.092 0.060 0.022 10. 67. -90.5 0.0330 0.47 0.32 1.25 54.0 10.0 282.0 2.0 0

0.00 95. 1011. 10 ADJ-A1 NoSubs
19 10 16 289 9 54.2 0.145 0.756 0.025 287. 132. -5.0 0.0330 0.47 0.22 1.54 319.0 10.0 283.8 2.0 0
0.00 96. 1011. 5 ADJ-A1 NoSubs
19 10 16 289 10 84.2 0.116 0.918 0.023 331. 95. -1.7 0.0380 0.47 0.19 1.01 230.0 10.0 287.0 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
19 10 16 289 11 105.8 0.177 1.004 0.021 345. 179. -4.7 0.0370 0.47 0.18 1.82 151.0 10.0 288.1 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
19 10 16 289 12 116.4 0.154 1.052 0.018 361. 145. -2.8 0.0370 0.47 0.18 1.47 150.0 10.0 290.4 2.0 0
0.00 59. 1009. 0 ADJ-A1 NoSubs
19 10 16 289 13 115.1 0.196 1.063 0.016 375. 208. -5.9 0.0230 0.47 0.18 2.30 181.0 10.0 290.9 2.0 0
0.00 62. 1008. 0 ADJ-A1 NoSubs
19 10 16 289 14 102.1 0.256 1.085 0.015 449. 311. -14.8 0.0380 0.47 0.18 2.98 215.0 10.0 290.9 2.0 0
0.00 59. 1008. 0 ADJ-A1 NoSubs
19 10 16 289 15 78.1 0.243 1.010 0.014 475. 288. -16.5 0.0380 0.47 0.20 2.86 217.0 10.0 290.9 2.0 0
0.00 51. 1007. 0 ADJ-A1 NoSubs
19 10 16 289 16 43.6 0.224 0.839 0.014 486. 254. -23.1 0.0370 0.47 0.24 2.73 166.0 10.0 289.9 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
19 10 16 289 17 2.8 0.252 0.337 0.014 486. 304. -508.0 0.0340 0.47 0.37 3.54 139.0 10.0 288.1 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 10 16 289 18 -20.7 0.212 -9.000 -9.000 -999. 234. 49.3 0.0300 0.47 1.00 3.27 118.0 10.0 287.5 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 10 16 289 19 -11.8 0.143 -9.000 -9.000 -999. 131. 22.6 0.0290 0.47 1.00 2.28 70.0 10.0 287.0 2.0 0
0.00 83. 1007. 0 ADJ-A1 NoSubs
19 10 16 289 20 -6.6 0.106 -9.000 -9.000 -999. 83. 16.4 0.0330 0.47 1.00 1.69 42.0 10.0 287.0 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 10 16 289 21 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0310 0.47 1.00 1.86 22.0 10.0 286.4 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 10 16 289 22 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0310 0.47 1.00 1.62 16.0 10.0 286.4 2.0 0
0.00 83. 1008. 0 ADJ-A1 NoSubs
19 10 16 289 23 -4.9 0.091 -9.000 -9.000 -999. 66. 13.9 0.0310 0.47 1.00 1.47 5.0 10.0 285.9 2.0 0
0.00 82. 1007. 0 ADJ-A1 NoSubs
19 10 16 289 24 -6.3 0.104 -9.000 -9.000 -999. 81. 16.2 0.0380 0.47 1.00 1.62 353.0 10.0 285.4 2.0 0
0.00 86. 1007. 7 ADJ-A1 NoSubs
19 10 17 290 1 -2.0 0.064 -9.000 -9.000 -999. 39. 11.6 0.0310 0.47 1.00 0.87 12.0 10.0 284.9 2.0 0
0.00 85. 1007. 3 ADJ-A1 NoSubs
19 10 17 290 2 -7.5 0.114 -9.000 -9.000 -999. 93. 17.9 0.0380 0.47 1.00 1.77 333.0 10.0 285.9 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
19 10 17 290 3 -4.6 0.089 -9.000 -9.000 -999. 64. 13.8 0.0380 0.47 1.00 1.38 331.0 10.0 285.9 2.0 0
0.00 82. 1007. 7 ADJ-A1 NoSubs
19 10 17 290 4 -5.7 0.097 -9.000 -9.000 -999. 73. 14.6 0.0260 0.47 1.00 1.62 299.0 10.0 283.8 2.0 0
0.00 92. 1007. 3 ADJ-A1 NoSubs
19 10 17 290 5 -3.8 0.081 -9.000 -9.000 -999. 56. 12.8 0.0380 0.47 1.00 1.25 354.0 10.0 285.4 2.0 0
0.00 86. 1008. 7 ADJ-A1 NoSubs
19 10 17 290 6 -2.3 0.067 -9.000 -9.000 -999. 41. 11.4 0.0310 0.47 1.00 0.96 15.0 10.0 285.4 2.0 0
0.00 89. 1008. 10 ADJ-A1 NoSubs
19 10 17 290 7 -4.4 0.087 -9.000 -9.000 -999. 61. 13.4 0.0310 0.47 0.65 1.40 26.0 10.0 285.4 2.0 0
0.00 92. 1008. 10 ADJ-A1 NoSubs
19 10 17 290 8 1.4 0.124 0.156 0.006 98. 105. -124.1 0.0290 0.47 0.32 1.74 63.0 10.0 286.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 10 17 290 9 11.5 0.137 0.399 0.007 198. 121. -20.1 0.0380 0.47 0.22 1.64 211.0 10.0 287.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 10 17 290 10 84.2 0.177 0.982 0.006 406. 179. -5.9 0.0230 0.47 0.19 2.08 183.0 10.0 289.9 2.0 0
0.00 74. 1010. 5 ADJ-A1 NoSubs
19 10 17 290 11 105.7 0.246 1.156 0.005 526. 293. -12.7 0.0370 0.47 0.18 2.84 166.0 10.0 291.4 2.0 0

0.00 60. 1010. 0 ADJ-A1 NoSubs
19 10 17 290 12 116.5 0.289 1.272 0.005 636. 373. -18.7 0.0370 0.47 0.18 3.46 163.0 10.0 294.2 2.0 0
0.00 41. 1009. 0 ADJ-A1 NoSubs
19 10 17 290 13 115.2 0.308 1.355 0.005 778. 411. -22.9 0.0370 0.47 0.18 3.76 176.0 10.0 294.9 2.0 0
0.00 35. 1008. 0 ADJ-A1 NoSubs
19 10 17 290 14 102.8 0.219 1.373 0.005 905. 249. -9.1 0.0300 0.47 0.18 2.55 113.0 10.0 296.4 2.0 0
0.00 31. 1008. 0 ADJ-A1 NoSubs
19 10 17 290 15 78.9 0.375 1.296 0.005 992. 550. -59.8 0.0330 0.47 0.20 4.97 306.0 10.0 297.0 2.0 0
0.00 25. 1008. 0 ADJ-A1 NoSubs
19 10 17 290 16 44.4 0.317 1.085 0.005 1034. 430. -64.4 0.0330 0.47 0.24 4.22 309.0 10.0 295.9 2.0 0
0.00 28. 1008. 0 ADJ-A1 NoSubs
19 10 17 290 17 3.2 0.257 0.451 0.005 1031. 314. -478.3 0.0260 0.47 0.38 3.78 294.0 10.0 293.1 2.0 0
0.00 43. 1008. 0 ADJ-A1 NoSubs
19 10 17 290 18 -19.0 0.195 -9.000 -9.000 -999. 209. 42.0 0.0330 0.47 1.00 2.98 302.0 10.0 290.4 2.0 0
0.00 53. 1009. 0 ADJ-A1 NoSubs
19 10 17 290 19 -4.6 0.089 -9.000 -9.000 -999. 70. 13.7 0.0330 0.47 1.00 1.42 321.0 10.0 288.1 2.0 0
0.00 61. 1009. 0 ADJ-A1 NoSubs
19 10 17 290 20 -4.5 0.088 -9.000 -9.000 -999. 62. 13.5 0.0330 0.47 1.00 1.40 300.0 10.0 285.9 2.0 0
0.00 68. 1010. 0 ADJ-A1 NoSubs
19 10 17 290 21 -3.2 0.074 -9.000 -9.000 -999. 49. 11.8 0.0310 0.47 1.00 1.16 24.0 10.0 284.9 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
19 10 17 290 22 -5.4 0.096 -9.000 -9.000 -999. 71. 14.6 0.0310 0.47 1.00 1.55 26.0 10.0 284.9 2.0 0
0.00 73. 1010. 0 ADJ-A1 NoSubs
19 10 17 290 23 -8.7 0.122 -9.000 -9.000 -999. 102. 18.7 0.0310 0.47 1.00 1.94 25.0 10.0 283.8 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
19 10 17 290 24 -2.9 0.072 -9.000 -9.000 -999. 47. 11.6 0.0330 0.47 1.00 1.09 326.0 10.0 283.1 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
19 10 18 291 1 -10.4 0.135 -9.000 -9.000 -999. 119. 21.2 0.0380 0.47 1.00 2.06 335.0 10.0 282.5 2.0 0
0.00 83. 1011. 0 ADJ-A1 NoSubs
19 10 18 291 2 -10.9 0.138 -9.000 -9.000 -999. 123. 21.7 0.0380 0.47 1.00 2.10 353.0 10.0 282.0 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
19 10 18 291 3 -14.0 0.157 -9.000 -9.000 -999. 149. 27.1 0.0380 0.47 1.00 2.37 340.0 10.0 282.0 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 4 -11.8 0.143 -9.000 -9.000 -999. 130. 22.6 0.0380 0.47 1.00 2.18 348.0 10.0 281.4 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 5 -13.4 0.153 -9.000 -9.000 -999. 144. 25.9 0.0380 0.47 1.00 2.32 335.0 10.0 282.0 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 6 -10.2 0.133 -9.000 -9.000 -999. 116. 20.7 0.0380 0.47 1.00 2.03 335.0 10.0 280.4 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 7 -9.7 0.130 -9.000 -9.000 -999. 113. 20.5 0.0330 0.47 0.66 2.04 327.0 10.0 282.5 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
19 10 18 291 8 11.0 0.094 0.239 0.005 45. 70. -6.9 0.0310 0.47 0.33 1.06 14.0 10.0 285.4 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 10 18 291 9 50.8 0.144 0.824 0.007 398. 131. -5.3 0.0290 0.47 0.22 1.59 75.0 10.0 287.5 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
19 10 18 291 10 83.3 0.147 1.049 0.008 501. 135. -3.4 0.0340 0.47 0.19 1.47 124.0 10.0 290.9 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
19 10 18 291 11 105.2 0.219 1.208 0.010 607. 246. -9.0 0.0230 0.47 0.18 2.69 195.0 10.0 293.1 2.0 0
0.00 49. 1014. 0 ADJ-A1 NoSubs
19 10 18 291 12 114.9 0.337 1.307 0.009 703. 469. -30.1 0.0380 0.47 0.18 4.17 224.0 10.0 292.0 2.0 0
0.00 49. 1013. 0 ADJ-A1 NoSubs
19 10 18 291 13 113.3 0.319 1.351 0.009 786. 432. -25.8 0.0380 0.47 0.18 3.90 219.0 10.0 292.0 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 14 100.3 0.320 1.353 0.009 891. 434. -29.4 0.0380 0.47 0.18 3.95 226.0 10.0 292.0 2.0 0

0.00 69. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 15 76.7 0.222 1.258 0.008 937. 256. -12.9 0.0380 0.47 0.20 2.55 228.0 10.0 293.8 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 16 42.7 0.223 1.039 0.008 949. 252. -23.3 0.0330 0.47 0.24 2.78 51.0 10.0 294.2 2.0 0
0.00 58. 1011. 0 ADJ-A1 NoSubs
19 10 18 291 17 1.6 0.294 0.348 0.008 947. 382. -1426.4 0.0300 0.47 0.38 4.25 100.0 10.0 290.9 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 10 18 291 18 -22.8 0.232 -9.000 -9.000 -999. 270. 59.3 0.0300 0.47 1.00 3.57 118.0 10.0 288.8 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 19 -8.0 0.117 -9.000 -9.000 -999. 104. 18.0 0.0300 0.47 1.00 1.88 116.0 10.0 287.0 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 20 -4.1 0.085 -9.000 -9.000 -999. 59. 13.2 0.0380 0.47 1.00 1.31 337.0 10.0 285.4 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
19 10 18 291 21 -7.2 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.47 1.00 1.76 321.0 10.0 285.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
19 10 18 291 22 -8.9 0.124 -9.000 -9.000 -999. 105. 19.5 0.0380 0.47 1.00 1.91 342.0 10.0 284.2 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
19 10 18 291 23 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.47 1.00 1.93 334.0 10.0 283.8 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 10 18 291 24 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.47 1.00 1.93 339.0 10.0 283.1 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
19 10 19 292 1 -11.2 0.140 -9.000 -9.000 -999. 126. 22.1 0.0380 0.47 1.00 2.13 340.0 10.0 282.5 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
19 10 19 292 2 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0380 0.47 1.00 1.91 347.0 10.0 281.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 10 19 292 3 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.47 1.00 1.67 345.0 10.0 281.4 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
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0.00 89. 1013. 0 ADJ-A1 NoSubs
19 10 19 292 5 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.47 1.00 2.27 340.0 10.0 282.0 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 10 19 292 6 -8.8 0.123 -9.000 -9.000 -999. 103. 19.1 0.0380 0.47 1.00 1.89 336.0 10.0 281.4 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 10 19 292 7 -8.5 0.122 -9.000 -9.000 -999. 102. 19.2 0.0380 0.47 0.67 1.87 336.0 10.0 282.0 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
19 10 19 292 8 10.0 0.122 0.255 0.007 60. 102. -16.5 0.0310 0.47 0.33 1.50 22.0 10.0 284.2 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
19 10 19 292 9 49.8 0.102 0.703 0.011 252. 79. -1.9 0.0300 0.47 0.23 0.97 113.0 10.0 287.0 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
19 10 19 292 10 82.4 0.135 0.907 0.012 328. 119. -2.7 0.0340 0.47 0.19 1.31 136.0 10.0 290.9 2.0 0
0.00 51. 1015. 0 ADJ-A1 NoSubs
19 10 19 292 11 104.1 0.164 1.135 0.011 509. 160. -3.8 0.0340 0.47 0.18 1.67 136.0 10.0 292.5 2.0 0
0.00 43. 1014. 0 ADJ-A1 NoSubs
19 10 19 292 12 114.5 0.246 1.260 0.010 631. 292. -11.7 0.0370 0.47 0.18 2.81 177.0 10.0 294.2 2.0 0
0.00 43. 1014. 0 ADJ-A1 NoSubs
19 10 19 292 13 112.6 0.339 1.275 0.009 666. 474. -31.3 0.0290 0.47 0.18 4.44 245.0 10.0 293.1 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
19 10 19 292 14 99.6 0.291 1.242 0.008 695. 377. -22.2 0.0290 0.47 0.18 3.71 247.0 10.0 293.1 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
19 10 19 292 15 75.1 0.276 1.141 0.007 715. 348. -25.3 0.0290 0.47 0.20 3.56 258.0 10.0 292.0 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
19 10 19 292 16 40.9 0.166 0.937 0.007 726. 168. -10.0 0.0230 0.47 0.24 2.06 203.0 10.0 292.0 2.0 0
0.00 67. 1012. 0 ADJ-A1 NoSubs
19 10 19 292 17 0.5 0.173 0.217 0.007 725. 173. -930.7 0.0340 0.47 0.39 2.45 148.0 10.0 290.4 2.0 0

0.00 77. 1011. 0 ADJ-A1 NoSubs
19 10 19 292 18 -7.3 0.112 -9.000 -9.000 -999. 90. 17.2 0.0290 0.47 1.00 1.81 81.0 10.0 289.2 2.0 0
0.00 80. 1012. 0 ADJ-A1 NoSubs
19 10 19 292 19 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0290 0.47 1.00 1.59 62.0 10.0 288.1 2.0 0
0.00 86. 1012. 5 ADJ-A1 NoSubs
19 10 19 292 20 -10.6 0.135 -9.000 -9.000 -999. 119. 21.1 0.0300 0.47 1.00 2.15 116.0 10.0 287.5 2.0 0
0.00 93. 1012. 10 ADJ-A1 NoSubs
19 10 19 292 21 -11.5 0.142 -9.000 -9.000 -999. 128. 22.4 0.0340 0.47 1.00 2.20 132.0 10.0 287.0 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 10 19 292 22 -5.2 0.094 -9.000 -9.000 -999. 70. 14.5 0.0340 0.47 1.00 1.50 126.0 10.0 287.5 2.0 0
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19 10 19 292 23 -1.6 0.060 -9.000 -9.000 -999. 35. 12.1 0.0260 0.47 1.00 0.74 288.0 10.0 287.5 2.0 0
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19 10 19 292 24 -4.0 0.083 -9.000 -9.000 -999. 57. 12.8 0.0340 0.47 1.00 1.30 121.0 10.0 287.0 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 10 20 293 1 -3.7 0.080 -9.000 -9.000 -999. 55. 12.5 0.0340 0.47 1.00 1.26 128.0 10.0 287.0 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 10 20 293 2 -3.8 0.081 -9.000 -9.000 -999. 55. 12.4 0.0290 0.47 1.00 1.31 247.0 10.0 287.0 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 10 20 293 3 -3.7 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.25 316.0 10.0 287.0 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 10 20 293 4 -2.8 0.071 -9.000 -9.000 -999. 45. 11.6 0.0330 0.47 1.00 1.06 32.0 10.0 287.0 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 10 20 293 5 -3.4 0.078 -9.000 -9.000 -999. 52. 12.4 0.0380 0.47 1.00 1.18 338.0 10.0 286.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 10 20 293 6 -3.2 0.076 -9.000 -9.000 -999. 50. 12.2 0.0380 0.47 1.00 1.14 350.0 10.0 286.4 2.0 0
0.00 89. 1013. 10 ADJ-A1 NoSubs
19 10 20 293 7 -3.6 0.079 -9.000 -9.000 -999. 53. 12.6 0.0380 0.47 0.68 1.21 354.0 10.0 285.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 10 20 293 8 0.8 0.093 0.088 0.014 31. 68. -92.1 0.0380 0.47 0.33 1.23 349.0 10.0 286.4 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
19 10 20 293 9 53.2 0.122 0.694 0.012 228. 102. -3.1 0.0290 0.47 0.23 1.25 84.0 10.0 289.2 2.0 0
0.00 74. 1015. 3 ADJ-A1 NoSubs
19 10 20 293 10 81.6 0.149 0.932 0.011 359. 138. -3.7 0.0370 0.47 0.19 1.48 153.0 10.0 291.4 2.0 0
0.00 67. 1015. 0 ADJ-A1 NoSubs
19 10 20 293 11 103.5 0.178 1.056 0.009 412. 180. -4.9 0.0370 0.47 0.18 1.84 162.0 10.0 293.8 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
19 10 20 293 12 113.9 0.235 1.127 0.007 455. 274. -10.3 0.0230 0.47 0.18 2.93 202.0 10.0 295.4 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
19 10 20 293 13 112.1 0.346 1.148 0.006 488. 488. -33.3 0.0380 0.47 0.18 4.31 229.0 10.0 294.9 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
19 10 20 293 14 99.0 0.294 1.143 0.005 545. 383. -23.1 0.0230 0.47 0.18 3.93 209.0 10.0 294.9 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
19 10 20 293 15 75.2 0.213 1.108 0.005 653. 239. -11.6 0.0230 0.47 0.20 2.69 203.0 10.0 295.9 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
19 10 20 293 16 41.1 0.229 0.938 0.005 724. 264. -26.5 0.0370 0.47 0.25 2.83 169.0 10.0 295.9 2.0 0
0.00 40. 1012. 0 ADJ-A1 NoSubs
19 10 20 293 17 0.9 0.151 0.264 0.005 721. 143. -338.8 0.0370 0.47 0.39 2.08 167.0 10.0 294.9 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
19 10 20 293 18 -8.3 0.121 -9.000 -9.000 -999. 101. 19.1 0.0380 0.47 1.00 1.86 220.0 10.0 290.9 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
19 10 20 293 19 -4.8 0.090 -9.000 -9.000 -999. 65. 13.7 0.0290 0.47 1.00 1.47 253.0 10.0 288.8 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
19 10 20 293 20 -9.7 0.130 -9.000 -9.000 -999. 113. 20.6 0.0380 0.47 1.00 1.99 237.0 10.0 287.5 2.0 0

0.00 66. 1013. 0 ADJ-A1 NoSubs
19 10 20 293 21 -3.5 0.077 -9.000 -9.000 -999. 52. 11.8 0.0260 0.47 1.00 1.26 299.0 10.0 287.5 2.0 0
0.00 69. 1014. 0 ADJ-A1 NoSubs
19 10 20 293 22 -5.8 0.100 -9.000 -9.000 -999. 75. 15.5 0.0380 0.47 1.00 1.55 338.0 10.0 287.0 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
19 10 20 293 23 -5.1 0.093 -9.000 -9.000 -999. 68. 14.4 0.0380 0.47 1.00 1.45 335.0 10.0 285.4 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 10 20 293 24 -6.8 0.107 -9.000 -9.000 -999. 85. 16.5 0.0330 0.47 1.00 1.71 324.0 10.0 285.4 2.0 0
0.00 74. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 1 -8.0 0.117 -9.000 -9.000 -999. 96. 18.3 0.0380 0.47 1.00 1.81 338.0 10.0 284.9 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 2 -8.6 0.122 -9.000 -9.000 -999. 102. 19.1 0.0380 0.47 1.00 1.88 345.0 10.0 283.8 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 3 -8.9 0.124 -9.000 -9.000 -999. 105. 19.5 0.0380 0.47 1.00 1.91 342.0 10.0 284.2 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 4 -9.2 0.126 -9.000 -9.000 -999. 107. 19.6 0.0330 0.47 1.00 1.98 316.0 10.0 284.9 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 5 -3.3 0.076 -9.000 -9.000 -999. 51. 12.0 0.0330 0.47 1.00 1.18 307.0 10.0 283.8 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 6 -3.5 0.078 -9.000 -9.000 -999. 52. 12.1 0.0330 0.47 1.00 1.21 34.0 10.0 284.2 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 7 -3.4 0.077 -9.000 -9.000 -999. 51. 12.1 0.0330 0.47 0.69 1.20 37.0 10.0 284.2 2.0 0
0.00 76. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 8 9.1 0.084 0.224 0.015 45. 59. -6.0 0.0260 0.47 0.34 0.97 271.0 10.0 287.5 2.0 0
0.00 66. 1015. 0 ADJ-A1 NoSubs
19 10 21 294 9 49.0 0.128 0.598 0.014 158. 109. -3.8 0.0230 0.47 0.23 1.42 195.0 10.0 290.9 2.0 0
0.00 53. 1015. 0 ADJ-A1 NoSubs
19 10 21 294 10 81.5 0.178 0.867 0.014 289. 181. -6.3 0.0340 0.47 0.19 1.94 145.0 10.0 294.2 2.0 0
0.00 45. 1015. 0 ADJ-A1 NoSubs
19 10 21 294 11 103.8 0.208 0.994 0.012 343. 228. -7.9 0.0340 0.47 0.18 2.33 143.0 10.0 297.5 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
19 10 21 294 12 114.1 0.209 1.075 0.010 393. 230. -7.3 0.0230 0.47 0.18 2.52 190.0 10.0 298.8 2.0 0
0.00 36. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 13 113.0 0.215 1.158 0.008 498. 239. -7.9 0.0230 0.47 0.18 2.61 205.0 10.0 299.9 2.0 0
0.00 33. 1014. 0 ADJ-A1 NoSubs
19 10 21 294 14 100.3 0.212 1.178 0.008 590. 234. -8.6 0.0230 0.47 0.18 2.59 204.0 10.0 300.9 2.0 0
0.00 30. 1013. 0 ADJ-A1 NoSubs
19 10 21 294 15 76.3 0.197 1.112 0.007 651. 210. -9.0 0.0230 0.47 0.20 2.42 193.0 10.0 301.4 2.0 0
0.00 30. 1013. 0 ADJ-A1 NoSubs
19 10 21 294 16 42.0 0.221 0.923 0.007 677. 249. -23.2 0.0380 0.47 0.25 2.68 225.0 10.0 300.9 2.0 0
0.00 30. 1013. 0 ADJ-A1 NoSubs
19 10 21 294 17 1.4 -9.000 -9.000 -9.000 675. -999. -99999.0 0.0317 0.47 0.40 0.00 0.0 10.0 298.8 2.0 0
0.00 34. 1013. 0 ADJ-SFC NoSubs
19 10 21 294 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 293.8 2.0
0 0.00 48. 1013. 0 ADJ-SFC NoSubs
19 10 21 294 19 -7.1 0.111 -9.000 -9.000 -999. 89. 17.3 0.0330 0.47 1.00 1.76 305.0 10.0 292.0 2.0 0
0.00 55. 1014. 0 ADJ-SFC NoSubs
19 10 21 294 20 -18.8 0.192 -9.000 -9.000 -999. 202. 40.6 0.0380 0.47 1.00 2.86 352.0 10.0 290.9 2.0 0
0.00 57. 1015. 0 ADJ-SFC NoSubs
19 10 21 294 21 -6.7 0.106 -9.000 -9.000 -999. 86. 16.1 0.0260 0.47 1.00 1.76 292.0 10.0 286.4 2.0 0
0.00 71. 1015. 0 ADJ-SFC NoSubs
19 10 21 294 22 -18.9 0.192 -9.000 -9.000 -999. 202. 40.6 0.0380 0.47 1.00 2.86 350.0 10.0 289.2 2.0 0
0.00 59. 1015. 0 ADJ-SFC NoSubs
19 10 21 294 23 -7.2 0.111 -9.000 -9.000 -999. 91. 17.2 0.0330 0.47 1.00 1.76 328.0 10.0 288.8 2.0 0

0.00 59. 1015. 0 ADJ-SFC NoSubs
19 10 21 294 24 -13.8 0.156 -9.000 -9.000 -999. 149. 26.9 0.0380 0.47 1.00 2.36 343.0 10.0 288.8 2.0 0
0.00 59. 1015. 0 ADJ-SFC NoSubs
19 10 22 295 1 -13.8 0.156 -9.000 -9.000 -999. 149. 26.9 0.0380 0.47 1.00 2.36 343.0 10.0 288.1 2.0 0
0.00 59. 1016. 0 ADJ-SFC NoSubs
19 10 22 295 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 286.4 2.0
0 0.00 64. 1016. 0 ADJ-SFC NoSubs
19 10 22 295 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 73. 1015. 0 ADJ-SFC NoSubs
19 10 22 295 4 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0380 0.47 1.00 0.94 352.0 10.0 284.2 2.0 0
0.00 71. 1015. 0 ADJ-A1 NoSubs
19 10 22 295 5 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0330 0.47 1.00 1.35 320.0 10.0 285.4 2.0 0
0.00 68. 1016. 0 ADJ-A1 NoSubs
19 10 22 295 6 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0330 0.47 1.00 1.50 329.0 10.0 284.2 2.0 0
0.00 71. 1016. 0 ADJ-A1 NoSubs
19 10 22 295 7 -3.7 0.080 -9.000 -9.000 -999. 54. 12.7 0.0380 0.47 0.70 1.23 349.0 10.0 285.9 2.0 0
0.00 66. 1016. 0 ADJ-A1 NoSubs
19 10 22 295 8 8.9 0.087 0.173 0.014 21. 61. -6.7 0.0260 0.47 0.34 1.01 280.0 10.0 289.9 2.0 0
0.00 53. 1016. 0 ADJ-A1 NoSubs
19 10 22 295 9 48.9 0.130 0.467 0.010 76. 112. -4.0 0.0340 0.47 0.23 1.33 144.0 10.0 293.8 2.0 0
0.00 41. 1016. 0 ADJ-A1 NoSubs
19 10 22 295 10 81.7 0.155 0.697 0.007 150. 146. -4.1 0.0340 0.47 0.19 1.59 130.0 10.0 297.5 2.0 0
0.00 34. 1016. 0 ADJ-A1 NoSubs
19 10 22 295 11 104.2 0.185 0.963 0.005 311. 191. -5.5 0.0340 0.47 0.18 1.98 146.0 10.0 300.9 2.0 0
0.00 26. 1015. 0 ADJ-A1 NoSubs
19 10 22 295 12 115.0 0.178 1.268 0.006 641. 180. -4.4 0.0340 0.47 0.18 1.84 149.0 10.0 303.1 2.0 0
0.00 22. 1014. 0 ADJ-A1 NoSubs
19 10 22 295 13 113.7 0.265 1.387 0.008 849. 327. -14.7 0.0380 0.47 0.18 3.08 236.0 10.0 303.8 2.0 0
0.00 22. 1013. 0 ADJ-A1 NoSubs
19 10 22 295 14 100.3 0.263 1.366 0.008 920. 324. -16.4 0.0290 0.47 0.19 3.27 264.0 10.0 303.1 2.0 0
0.00 21. 1013. 0 ADJ-A1 NoSubs
19 10 22 295 15 76.6 0.223 1.265 0.008 954. 254. -13.1 0.0380 0.47 0.20 2.57 223.0 10.0 304.2 2.0 0
0.00 21. 1012. 0 ADJ-A1 NoSubs
19 10 22 295 16 41.1 0.220 1.034 0.008 969. 247. -23.2 0.0370 0.47 0.25 2.68 176.0 10.0 301.4 2.0 0
0.00 33. 1011. 0 ADJ-A1 NoSubs
19 10 22 295 17 -1.0 0.152 -9.000 -9.000 -999. 144. 332.0 0.0230 0.47 0.40 2.36 202.0 10.0 294.2 2.0 0
0.00 54. 1011. 0 ADJ-SFC NoSubs
19 10 22 295 18 -6.5 0.106 -9.000 -9.000 -999. 83. 16.7 0.0380 0.47 1.00 1.65 215.0 10.0 290.9 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 10 22 295 19 -2.9 0.072 -9.000 -9.000 -999. 47. 11.5 0.0290 0.47 1.00 1.13 243.0 10.0 290.4 2.0 0
0.00 67. 1011. 0 ADJ-A1 NoSubs
19 10 22 295 20 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0290 0.47 1.00 1.23 257.0 10.0 288.1 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
19 10 22 295 21 -3.4 0.077 -9.000 -9.000 -999. 52. 12.2 0.0330 0.47 1.00 1.21 314.0 10.0 288.8 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
19 10 22 295 22 -4.6 0.089 -9.000 -9.000 -999. 63. 13.6 0.0310 0.47 1.00 1.43 1.0 10.0 287.5 2.0 0
0.00 66. 1012. 0 ADJ-A1 NoSubs
19 10 22 295 23 -10.1 0.134 -9.000 -9.000 -999. 117. 21.2 0.0380 0.47 1.00 2.04 340.0 10.0 288.1 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
19 10 22 295 24 -13.0 0.152 -9.000 -9.000 -999. 142. 25.5 0.0380 0.47 1.00 2.30 340.0 10.0 288.1 2.0 0
0.00 54. 1011. 0 ADJ-A1 NoSubs
19 10 23 296 1 -13.4 0.154 -9.000 -9.000 -999. 146. 26.2 0.0380 0.47 1.00 2.33 335.0 10.0 288.8 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 10 23 296 2 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.47 1.00 1.76 342.0 10.0 284.9 2.0 0

0.00 65. 1011. 0 ADJ-A1 NoSubs
19 10 23 296 3 -7.7 0.116 -9.000 -9.000 -999. 95. 18.2 0.0380 0.47 1.00 1.79 331.0 10.0 287.5 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
19 10 23 296 4 -3.5 0.078 -9.000 -9.000 -999. 53. 12.3 0.0330 0.47 1.00 1.23 324.0 10.0 287.0 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
19 10 23 296 5 -6.4 0.105 -9.000 -9.000 -999. 81. 16.1 0.0330 0.47 1.00 1.67 311.0 10.0 285.9 2.0 0
0.00 63. 1010. 0 ADJ-A1 NoSubs
19 10 23 296 6 -5.8 0.100 -9.000 -9.000 -999. 75. 15.3 0.0330 0.47 1.00 1.59 304.0 10.0 285.4 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
19 10 23 296 7 -4.1 0.084 -9.000 -9.000 -999. 58. 13.0 0.0330 0.47 0.71 1.33 318.0 10.0 285.9 2.0 0
0.00 66. 1010. 0 ADJ-A1 NoSubs
19 10 23 296 8 8.4 0.135 0.217 0.012 44. 118. -26.3 0.0380 0.47 0.34 1.65 341.0 10.0 290.9 2.0 0
0.00 49. 1011. 0 ADJ-A1 NoSubs
19 10 23 296 9 48.0 0.148 0.487 0.012 87. 137. -6.1 0.0370 0.47 0.23 1.57 161.0 10.0 293.8 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
19 10 23 296 10 81.0 0.146 0.766 0.009 200. 133. -3.4 0.0300 0.47 0.20 1.50 96.0 10.0 298.1 2.0 0
0.00 35. 1010. 0 ADJ-A1 NoSubs
19 10 23 296 11 103.4 0.173 0.909 0.006 261. 172. -4.5 0.0230 0.47 0.18 1.96 187.0 10.0 301.4 2.0 0
0.00 31. 1009. 0 ADJ-A1 NoSubs
19 10 23 296 12 113.0 0.299 1.004 0.005 322. 393. -21.4 0.0380 0.47 0.18 3.61 210.0 10.0 300.9 2.0 0
0.00 29. 1009. 0 ADJ-A1 NoSubs
19 10 23 296 13 111.1 0.414 1.272 0.005 666. 640. -57.5 0.0380 0.47 0.18 5.34 214.0 10.0 300.4 2.0 0
0.00 29. 1008. 0 ADJ-A1 NoSubs
19 10 23 296 14 98.0 0.299 1.346 0.007 895. 401. -24.5 0.0230 0.47 0.19 4.02 203.0 10.0 300.4 2.0 0
0.00 32. 1007. 0 ADJ-A1 NoSubs
19 10 23 296 15 73.5 0.222 1.301 0.008 1075. 253. -13.3 0.0230 0.47 0.20 2.83 200.0 10.0 299.9 2.0 0
0.00 37. 1007. 0 ADJ-A1 NoSubs
19 10 23 296 16 37.9 0.223 1.046 0.007 1084. 253. -26.2 0.0230 0.47 0.25 3.01 190.0 10.0 295.9 2.0 0
0.00 52. 1007. 0 ADJ-A1 NoSubs
19 10 23 296 17 -2.6 0.166 -9.000 -9.000 -999. 162. 154.5 0.0370 0.47 0.41 2.40 179.0 10.0 290.9 2.0 0
0.00 69. 1007. 0 ADJ-A1 NoSubs
19 10 23 296 18 -8.5 0.120 -9.000 -9.000 -999. 100. 18.2 0.0230 0.47 1.00 2.01 205.0 10.0 287.5 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
19 10 23 296 19 -2.7 0.070 -9.000 -9.000 -999. 44. 11.2 0.0260 0.47 1.00 1.09 295.0 10.0 289.2 2.0 0
0.00 74. 1007. 0 ADJ-A1 NoSubs
19 10 23 296 20 -3.9 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.47 1.00 1.28 355.0 10.0 288.1 2.0 0
0.00 77. 1007. 0 ADJ-A1 NoSubs
19 10 23 296 21 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0380 0.47 1.00 1.43 336.0 10.0 288.8 2.0 0
0.00 71. 1007. 0 ADJ-A1 NoSubs
19 10 23 296 22 -9.1 0.126 -9.000 -9.000 -999. 107. 19.8 0.0330 0.47 1.00 1.98 47.0 10.0 289.9 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
19 10 23 296 23 -8.0 0.118 -9.000 -9.000 -999. 97. 18.2 0.0310 0.47 1.00 1.88 2.0 10.0 288.8 2.0 0
0.00 56. 1008. 0 ADJ-A1 NoSubs
19 10 23 296 24 -12.7 0.150 -9.000 -9.000 -999. 139. 24.6 0.0330 0.47 1.00 2.32 328.0 10.0 288.1 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 10 24 297 1 -10.8 0.138 -9.000 -9.000 -999. 123. 21.9 0.0380 0.47 1.00 2.10 334.0 10.0 286.4 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
19 10 24 297 2 -9.1 0.125 -9.000 -9.000 -999. 106. 19.4 0.0310 0.47 1.00 1.99 2.0 10.0 287.5 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
19 10 24 297 3 -7.9 0.117 -9.000 -9.000 -999. 96. 18.4 0.0380 0.47 1.00 1.81 341.0 10.0 287.0 2.0 0
0.00 54. 1008. 0 ADJ-A1 NoSubs
19 10 24 297 4 -10.1 0.133 -9.000 -9.000 -999. 116. 20.7 0.0310 0.47 1.00 2.10 7.0 10.0 287.0 2.0 0
0.00 52. 1008. 0 ADJ-A1 NoSubs
19 10 24 297 5 -4.5 0.088 -9.000 -9.000 -999. 63. 13.5 0.0310 0.47 1.00 1.42 2.0 10.0 287.0 2.0 0

0.00 52. 1008. 0 ADJ-A1 NoSubs
19 10 24 297 6 -4.3 0.086 -9.000 -9.000 -999. 61. 13.3 0.0330 0.47 1.00 1.37 36.0 10.0 287.0 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
19 10 24 297 7 -6.8 0.108 -9.000 -9.000 -999. 85. 16.7 0.0330 0.47 0.72 1.72 49.0 10.0 287.5 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
19 10 24 297 8 8.7 0.097 0.187 0.005 27. 72. -9.3 0.0330 0.47 0.35 1.11 59.0 10.0 294.9 2.0 0
0.00 33. 1010. 0 ADJ-A1 NoSubs
19 10 24 297 9 49.0 0.194 0.623 0.005 178. 205. -13.4 0.0300 0.47 0.23 2.35 101.0 10.0 299.2 2.0 0
0.00 25. 1011. 0 ADJ-A1 NoSubs
19 10 24 297 10 81.9 0.261 1.080 0.008 555. 319. -19.5 0.0300 0.47 0.20 3.27 99.0 10.0 302.5 2.0 0
0.00 21. 1011. 0 ADJ-A1 NoSubs
19 10 24 297 11 104.6 0.308 1.318 0.011 790. 411. -25.3 0.0300 0.47 0.18 3.95 90.0 10.0 305.9 2.0 0
0.00 18. 1011. 0 ADJ-A1 NoSubs
19 10 24 297 12 115.0 0.363 1.371 0.010 809. 525. -37.5 0.0300 0.47 0.18 4.78 93.0 10.0 307.0 2.0 0
0.00 14. 1010. 0 ADJ-A1 NoSubs
19 10 24 297 13 114.0 0.341 1.377 0.009 826. 479. -31.4 0.0300 0.47 0.18 4.44 113.0 10.0 308.1 2.0 0
0.00 13. 1010. 0 ADJ-A1 NoSubs
19 10 24 297 14 101.1 0.310 1.332 0.008 842. 414. -26.5 0.0300 0.47 0.19 3.98 110.0 10.0 308.8 2.0 0
0.00 13. 1009. 0 ADJ-A1 NoSubs
19 10 24 297 15 77.2 0.334 1.244 0.007 899. 464. -43.6 0.0300 0.47 0.20 4.44 102.0 10.0 309.2 2.0 0
0.00 13. 1009. 0 ADJ-A1 NoSubs
19 10 24 297 16 42.4 0.277 1.030 0.007 927. 352. -45.2 0.0290 0.47 0.26 3.71 85.0 10.0 308.1 2.0 0
0.00 13. 1009. 0 ADJ-A1 NoSubs
19 10 24 297 17 -0.6 0.211 -9.000 -9.000 -999. 234. 1444.0 0.0340 0.47 0.42 3.01 126.0 10.0 300.4 2.0
0 0.00 28. 1010. 0 ADJ-A1 NoSubs
19 10 24 297 18 -9.7 0.132 -9.000 -9.000 -999. 117. 21.2 0.0380 0.47 1.00 2.01 214.0 10.0 296.4 2.0 0
0.00 37. 1010. 0 ADJ-A1 NoSubs
19 10 24 297 19 -9.2 0.128 -9.000 -9.000 -999. 110. 20.6 0.0380 0.47 1.00 1.96 332.0 10.0 296.4 2.0 0
0.00 35. 1011. 0 ADJ-A1 NoSubs
19 10 24 297 20 -7.2 0.112 -9.000 -9.000 -999. 89. 17.4 0.0330 0.47 1.00 1.77 309.0 10.0 293.1 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
19 10 24 297 21 -10.6 0.136 -9.000 -9.000 -999. 121. 21.7 0.0330 0.47 1.00 2.13 323.0 10.0 293.8 2.0 0
0.00 38. 1012. 0 ADJ-A1 NoSubs
19 10 24 297 22 -15.3 0.166 -9.000 -9.000 -999. 162. 30.2 0.0380 0.47 1.00 2.49 350.0 10.0 290.9 2.0 0
0.00 45. 1013. 0 ADJ-A1 NoSubs
19 10 24 297 23 -14.8 0.163 -9.000 -9.000 -999. 158. 29.2 0.0380 0.47 1.00 2.45 336.0 10.0 291.4 2.0 0
0.00 41. 1013. 0 ADJ-A1 NoSubs
19 10 24 297 24 -5.5 0.098 -9.000 -9.000 -999. 74. 15.3 0.0380 0.47 1.00 1.52 333.0 10.0 290.9 2.0 0
0.00 42. 1013. 0 ADJ-A1 NoSubs
19 10 25 298 1 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0310 0.47 1.00 1.11 5.0 10.0 290.9 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
19 10 25 298 2 -6.8 0.109 -9.000 -9.000 -999. 86. 17.1 0.0380 0.47 1.00 1.69 342.0 10.0 289.9 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
19 10 25 298 3 -4.5 0.088 -9.000 -9.000 -999. 63. 13.5 0.0310 0.47 1.00 1.42 3.0 10.0 290.4 2.0 0
0.00 39. 1012. 0 ADJ-A1 NoSubs
19 10 25 298 4 -5.0 0.092 -9.000 -9.000 -999. 67. 14.2 0.0330 0.47 1.00 1.47 50.0 10.0 289.2 2.0 0
0.00 42. 1012. 0 ADJ-A1 NoSubs
19 10 25 298 5 -2.3 0.066 -9.000 -9.000 -999. 41. 11.3 0.0290 0.47 1.00 0.96 63.0 10.0 288.1 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
19 10 25 298 6 -3.4 0.077 -9.000 -9.000 -999. 51. 12.1 0.0330 0.47 1.00 1.20 323.0 10.0 288.1 2.0 0
0.00 43. 1012. 0 ADJ-A1 NoSubs
19 10 25 298 7 -5.2 0.094 -9.000 -9.000 -999. 70. 14.6 0.0340 0.47 0.73 1.50 120.0 10.0 289.2 2.0 0
0.00 40. 1013. 0 ADJ-A1 NoSubs
19 10 25 298 8 6.9 0.143 0.173 0.010 27. 129. -37.9 0.0300 0.47 0.35 1.88 94.0 10.0 291.4 2.0 0

0.00 36. 1013. 0 ADJ-A1 NoSubs
19 10 25 298 9 46.7 0.158 0.477 0.009 84. 151. -7.6 0.0290 0.47 0.24 1.82 87.0 10.0 295.4 2.0 0
0.00 29. 1013. 0 ADJ-A1 NoSubs
19 10 25 298 10 79.8 0.131 0.696 0.008 152. 114. -2.6 0.0290 0.47 0.20 1.31 87.0 10.0 299.9 2.0 0
0.00 25. 1013. 0 ADJ-A1 NoSubs
19 10 25 298 11 103.1 0.215 1.076 0.008 436. 239. -8.7 0.0300 0.47 0.18 2.49 96.0 10.0 304.9 2.0 0
0.00 16. 1012. 0 ADJ-A1 NoSubs
19 10 25 298 12 114.0 0.244 1.185 0.007 527. 290. -11.5 0.0340 0.47 0.18 2.84 132.0 10.0 307.0 2.0 0
0.00 13. 1012. 0 ADJ-A1 NoSubs
19 10 25 298 13 112.5 0.191 1.234 0.007 602. 202. -5.6 0.0340 0.47 0.18 2.05 144.0 10.0 307.3 2.0 0
0.00 12. 1011. 0 ADJ-A1 Sub_TT
19 10 25 298 14 99.4 0.273 1.251 0.006 711. 342. -18.4 0.0290 0.47 0.19 3.43 266.0 10.0 307.5 2.0 0
0.00 12. 1010. 0 ADJ-A1 NoSubs
19 10 25 298 15 74.3 0.321 1.173 0.005 783. 437. -40.1 0.0290 0.47 0.20 4.27 268.0 10.0 305.9 2.0 0
0.00 13. 1010. 0 ADJ-A1 NoSubs
19 10 25 298 16 38.8 0.205 0.957 0.005 814. 230. -19.9 0.0290 0.47 0.26 2.59 246.0 10.0 303.1 2.0 0
0.00 17. 1010. 0 ADJ-A1 NoSubs
19 10 25 298 17 -2.4 0.156 -9.000 -9.000 -999. 149. 144.5 0.0370 0.47 0.42 2.27 164.0 10.0 297.0 2.0 0
0.00 31. 1009. 0 ADJ-A1 NoSubs
19 10 25 298 18 -6.3 0.103 -9.000 -9.000 -999. 79. 15.5 0.0230 0.47 1.00 1.74 194.0 10.0 290.9 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
19 10 25 298 19 -4.5 0.088 -9.000 -9.000 -999. 62. 13.4 0.0290 0.47 1.00 1.43 268.0 10.0 292.0 2.0 0
0.00 48. 1010. 0 ADJ-A1 NoSubs
19 10 25 298 20 -8.9 0.125 -9.000 -9.000 -999. 106. 19.6 0.0330 0.47 1.00 1.96 323.0 10.0 291.4 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 10 25 298 21 -5.9 0.101 -9.000 -9.000 -999. 77. 15.7 0.0380 0.47 1.00 1.57 347.0 10.0 289.2 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
19 10 25 298 22 -7.1 0.111 -9.000 -9.000 -999. 89. 17.4 0.0380 0.47 1.00 1.72 349.0 10.0 289.2 2.0 0
0.00 47. 1010. 0 ADJ-A1 NoSubs
19 10 25 298 23 -11.4 0.142 -9.000 -9.000 -999. 129. 22.7 0.0380 0.47 1.00 2.16 343.0 10.0 288.8 2.0 0
0.00 45. 1010. 0 ADJ-A1 NoSubs
19 10 25 298 24 -6.9 0.110 -9.000 -9.000 -999. 87. 17.1 0.0380 0.47 1.00 1.70 344.0 10.0 288.1 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
19 10 26 299 1 -7.5 0.115 -9.000 -9.000 -999. 93. 18.0 0.0380 0.47 1.00 1.77 341.0 10.0 288.1 2.0 0
0.00 43. 1009. 0 ADJ-A1 NoSubs
19 10 26 299 2 -9.1 0.126 -9.000 -9.000 -999. 108. 20.0 0.0380 0.47 1.00 1.94 341.0 10.0 288.8 2.0 0
0.00 40. 1009. 0 ADJ-A1 NoSubs
19 10 26 299 3 -8.9 0.124 -9.000 -9.000 -999. 105. 19.4 0.0330 0.47 1.00 1.96 327.0 10.0 286.4 2.0 0
0.00 46. 1008. 0 ADJ-A1 NoSubs
19 10 26 299 4 -7.3 0.112 -9.000 -9.000 -999. 90. 17.6 0.0380 0.47 1.00 1.74 330.0 10.0 287.0 2.0 0
0.00 44. 1007. 0 ADJ-A1 NoSubs
19 10 26 299 5 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0380 0.47 1.00 1.35 333.0 10.0 284.2 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 10 26 299 6 -5.9 0.100 -9.000 -9.000 -999. 76. 15.3 0.0330 0.47 1.00 1.60 324.0 10.0 284.9 2.0 0
0.00 51. 1007. 0 ADJ-A1 NoSubs
19 10 26 299 7 -8.7 0.123 -9.000 -9.000 -999. 103. 19.2 0.0380 0.47 0.74 1.89 342.0 10.0 284.2 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 10 26 299 8 5.0 0.079 0.179 0.020 41. 54. -8.9 0.0310 0.47 0.36 0.92 24.0 10.0 287.0 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
19 10 26 299 9 44.2 0.133 0.481 0.015 90. 117. -4.8 0.0290 0.47 0.24 1.45 64.0 10.0 290.4 2.0 0
0.00 34. 1007. 0 ADJ-A1 NoSubs
19 10 26 299 10 76.9 0.151 0.668 0.013 139. 141. -4.0 0.0370 0.47 0.20 1.52 165.0 10.0 294.9 2.0 0
0.00 28. 1006. 0 ADJ-A1 NoSubs
19 10 26 299 11 98.7 0.186 0.854 0.010 226. 192. -5.8 0.0370 0.47 0.18 1.96 157.0 10.0 297.0 2.0 0

0.00 26. 1006. 0 ADJ-A1 NoSubs
19 10 26 299 12 109.3 0.302 1.045 0.010 374. 398. -22.6 0.0290 0.47 0.18 3.86 269.0 10.0 299.2 2.0 0
0.00 23. 1005. 0 ADJ-SFC NoSubs
19 10 26 299 13 107.6 0.302 1.170 0.010 534. 398. -22.9 0.0290 0.47 0.18 3.86 250.0 10.0 299.2 2.0 0
0.00 21. 1004. 0 ADJ-SFC NoSubs
19 10 26 299 14 93.6 0.289 1.155 0.009 589. 372. -23.0 0.0230 0.47 0.19 3.86 205.0 10.0 297.0 2.0 0
0.00 35. 1003. 0 ADJ-SFC NoSubs
19 10 26 299 15 67.7 0.314 1.055 0.008 622. 422. -40.9 0.0230 0.47 0.21 4.36 182.0 10.0 292.0 2.0 0
0.00 62. 1003. 0 ADJ-SFC NoSubs
19 10 26 299 16 33.0 0.262 0.838 0.008 637. 322. -48.5 0.0370 0.47 0.26 3.36 169.0 10.0 289.9 2.0 0
0.00 72. 1003. 0 ADJ-SFC NoSubs
19 10 26 299 17 -10.9 0.340 -9.000 -9.000 -999. 477. 322.4 0.0370 0.47 0.43 4.86 172.0 10.0 287.5 2.0
0 0.00 83. 1003. 0 ADJ-SFC NoSubs
19 10 26 299 18 -28.6 0.292 -9.000 -9.000 -999. 381. 94.0 0.0340 0.47 1.00 4.36 143.0 10.0 286.4 2.0 0
0.00 86. 1002. 0 ADJ-SFC NoSubs
19 10 26 299 19 -18.0 0.184 -9.000 -9.000 -999. 195. 37.2 0.0300 0.47 1.00 2.86 97.0 10.0 285.9 2.0 0
0.00 86. 1003. 0 ADJ-SFC NoSubs
19 10 26 299 20 -12.8 0.149 -9.000 -9.000 -999. 139. 24.6 0.0290 0.47 1.00 2.37 79.0 10.0 285.4 2.0 0
0.00 89. 1003. 0 ADJ-A1 NoSubs
19 10 26 299 21 -10.9 0.138 -9.000 -9.000 -999. 123. 21.4 0.0290 0.47 1.00 2.20 65.0 10.0 285.4 2.0 0
0.00 86. 1002. 7 ADJ-A1 NoSubs
19 10 26 299 22 -8.4 0.120 -9.000 -9.000 -999. 100. 18.5 0.0290 0.47 1.00 1.94 63.0 10.0 285.9 2.0 0
0.00 86. 1002. 10 ADJ-A1 NoSubs
19 10 26 299 23 -9.6 0.129 -9.000 -9.000 -999. 112. 20.2 0.0330 0.47 1.00 2.03 44.0 10.0 285.9 2.0 0
0.00 86. 1002. 10 ADJ-A1 NoSubs
19 10 26 299 24 -15.4 0.164 -9.000 -9.000 -999. 160. 29.7 0.0290 0.47 1.00 2.59 76.0 10.0 285.4 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
19 10 27 300 1 -11.9 0.144 -9.000 -9.000 -999. 131. 22.9 0.0300 0.47 1.00 2.28 103.0 10.0 285.4 2.0 0
0.00 92. 1002. 10 ADJ-A1 NoSubs
19 10 27 300 2 -9.5 0.128 -9.000 -9.000 -999. 110. 19.8 0.0290 0.47 1.00 2.06 63.0 10.0 285.4 2.0 0
0.00 89. 1002. 10 ADJ-A1 NoSubs
19 10 27 300 3 -7.0 0.110 -9.000 -9.000 -999. 87. 16.7 0.0300 0.47 1.00 1.77 95.0 10.0 284.9 2.0 0
0.00 92. 1001. 10 ADJ-A1 NoSubs
19 10 27 300 4 -4.0 0.082 -9.000 -9.000 -999. 57. 12.6 0.0300 0.47 1.00 1.33 98.0 10.0 284.2 2.0 0
0.00 92. 1001. 10 ADJ-A1 NoSubs
19 10 27 300 5 -4.7 0.089 -9.000 -9.000 -999. 63. 13.4 0.0290 0.47 1.00 1.45 248.0 10.0 283.1 2.0 0
0.00 92. 1001. 0 ADJ-A1 NoSubs
19 10 27 300 6 -4.2 0.085 -9.000 -9.000 -999. 59. 12.8 0.0290 0.47 1.00 1.38 258.0 10.0 282.0 2.0 0
0.00 92. 1002. 0 ADJ-A1 NoSubs
19 10 27 300 7 -11.5 0.141 -9.000 -9.000 -999. 127. 21.9 0.0290 0.47 0.75 2.25 260.0 10.0 282.5 2.0 0
0.00 86. 1003. 0 ADJ-A1 NoSubs
19 10 27 300 8 4.8 0.152 0.164 0.006 33. 142. -65.6 0.0380 0.47 0.36 1.97 330.0 10.0 289.2 2.0 0
0.00 23. 1004. 0 ADJ-A1 NoSubs
19 10 27 300 9 43.5 0.273 0.554 0.005 140. 343. -42.0 0.0380 0.47 0.24 3.46 335.0 10.0 290.9 2.0 0
0.00 18. 1004. 0 ADJ-A1 NoSubs
19 10 27 300 10 75.1 0.335 0.891 0.005 337. 465. -44.8 0.0380 0.47 0.20 4.26 360.0 10.0 292.0 2.0 0
0.00 16. 1004. 0 ADJ-A1 NoSubs
19 10 27 300 11 96.8 0.301 1.139 0.005 548. 397. -25.2 0.0310 0.47 0.19 3.83 21.0 10.0 294.2 2.0 0
0.00 15. 1005. 0 ADJ-A1 NoSubs
19 10 27 300 12 106.7 0.317 1.295 0.008 729. 428. -26.7 0.0310 0.47 0.18 4.05 19.0 10.0 294.9 2.0 0
0.00 16. 1004. 0 ADJ-A1 NoSubs
19 10 27 300 13 105.2 0.293 1.413 0.010 961. 381. -21.4 0.0310 0.47 0.18 3.68 9.0 10.0 295.4 2.0 0
0.00 14. 1004. 0 ADJ-A1 NoSubs
19 10 27 300 14 92.0 0.410 1.365 0.010 991. 629. -66.9 0.0310 0.47 0.19 5.53 3.0 10.0 295.4 2.0 0

0.00 14. 1004. 0 ADJ-A1 NoSubs
19 10 27 300 15 67.3 0.345 1.238 0.009 1011. 488. -54.5 0.0380 0.47 0.21 4.43 346.0 10.0 294.2 2.0 0
0.00 13. 1005. 0 ADJ-A1 NoSubs
19 10 27 300 16 33.7 0.288 0.987 0.009 1022. 373. -63.6 0.0310 0.47 0.26 3.88 4.0 10.0 295.4 2.0 0
0.00 12. 1005. 0 ADJ-A1 NoSubs
19 10 27 300 17 -6.1 0.216 -9.000 -9.000 -999. 243. 148.1 0.0380 0.47 0.44 3.12 359.0 10.0 294.2 2.0 0
0.00 12. 1005. 0 ADJ-A1 NoSubs
19 10 27 300 18 -19.0 0.198 -9.000 -9.000 -999. 212. 43.1 0.0310 0.47 1.00 3.05 11.0 10.0 292.5 2.0 0
0.00 13. 1005. 0 ADJ-A1 NoSubs
19 10 27 300 19 -25.7 0.266 -9.000 -9.000 -999. 330. 78.0 0.0310 0.47 1.00 4.05 19.0 10.0 292.0 2.0 0
0.00 14. 1006. 0 ADJ-A1 NoSubs
19 10 27 300 20 -26.8 0.277 -9.000 -9.000 -999. 349. 84.2 0.0310 0.47 1.00 4.20 25.0 10.0 290.9 2.0 0
0.00 16. 1007. 0 ADJ-A1 NoSubs
19 10 27 300 21 -12.1 0.146 -9.000 -9.000 -999. 145. 23.5 0.0330 0.47 1.00 2.27 306.0 10.0 289.9 2.0 0
0.00 18. 1007. 0 ADJ-A1 NoSubs
19 10 27 300 22 -17.7 0.182 -9.000 -9.000 -999. 187. 36.5 0.0380 0.47 1.00 2.72 357.0 10.0 290.4 2.0 0
0.00 15. 1008. 0 ADJ-A1 NoSubs
19 10 27 300 23 -9.6 0.129 -9.000 -9.000 -999. 112. 20.2 0.0330 0.47 1.00 2.03 44.0 10.0 287.5 2.0 0
0.00 20. 1009. 0 ADJ-A1 NoSubs
19 10 27 300 24 -8.4 0.121 -9.000 -9.000 -999. 101. 18.9 0.0370 0.47 1.00 1.87 175.0 10.0 285.4 2.0 0
0.00 26. 1009. 0 ADJ-A1 NoSubs
19 10 28 301 1 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.47 1.00 1.43 336.0 10.0 282.0 2.0 0
0.00 36. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 2 -9.0 0.124 -9.000 -9.000 -999. 105. 19.2 0.0330 0.47 1.00 1.96 328.0 10.0 281.4 2.0 0
0.00 36. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 3 -8.0 0.117 -9.000 -9.000 -999. 96. 18.1 0.0380 0.47 1.00 1.81 342.0 10.0 279.9 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
19 10 28 301 4 -12.0 0.145 -9.000 -9.000 -999. 132. 23.1 0.0380 0.47 1.00 2.20 332.0 10.0 280.4 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 5 -11.0 0.138 -9.000 -9.000 -999. 124. 21.7 0.0380 0.47 1.00 2.11 341.0 10.0 280.4 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
19 10 28 301 6 -9.0 0.124 -9.000 -9.000 -999. 105. 19.3 0.0380 0.47 1.00 1.91 340.0 10.0 279.2 2.0 0
0.00 42. 1011. 0 ADJ-A1 NoSubs
19 10 28 301 7 -14.4 0.159 -9.000 -9.000 -999. 152. 27.9 0.0380 0.47 1.00 2.40 332.0 10.0 279.9 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
19 10 28 301 8 3.0 0.118 0.128 0.005 25. 98. -49.3 0.0310 0.47 0.36 1.57 9.0 10.0 284.9 2.0 0
0.00 28. 1012. 0 ADJ-A1 NoSubs
19 10 28 301 9 41.9 0.132 0.689 0.005 282. 115. -5.0 0.0330 0.47 0.24 1.40 56.0 10.0 288.1 2.0 0
0.00 25. 1013. 0 ADJ-A1 NoSubs
19 10 28 301 10 74.0 0.167 1.159 0.009 760. 164. -5.7 0.0340 0.47 0.20 1.79 131.0 10.0 291.4 2.0 0
0.00 16. 1013. 0 ADJ-A1 NoSubs
19 10 28 301 11 95.6 0.178 1.288 0.008 806. 181. -5.3 0.0370 0.47 0.19 1.86 176.0 10.0 293.8 2.0 0
0.00 11. 1012. 0 ADJ-A1 NoSubs
19 10 28 301 12 105.7 0.171 1.349 0.008 838. 169. -4.2 0.0340 0.47 0.18 1.76 136.0 10.0 294.9 2.0 0
0.00 10. 1012. 0 ADJ-A1 NoSubs
19 10 28 301 13 104.2 0.229 1.358 0.007 868. 263. -10.4 0.0230 0.47 0.18 2.86 191.0 10.0 295.4 2.0 0
0.00 16. 1011. 0 ADJ-A1 NoSubs
19 10 28 301 14 90.8 0.331 1.381 0.012 1046. 457. -36.0 0.0290 0.47 0.19 4.37 240.0 10.0 294.9 2.0 0
0.00 14. 1011. 0 ADJ-A1 NoSubs
19 10 28 301 15 66.3 0.271 1.251 0.011 1066. 340. -27.0 0.0290 0.47 0.21 3.51 260.0 10.0 294.2 2.0 0
0.00 15. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 16 32.0 0.246 0.985 0.011 1074. 293. -42.0 0.0260 0.47 0.26 3.35 274.0 10.0 293.1 2.0 0
0.00 17. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 17 -5.9 0.159 -9.000 -9.000 -999. 155. 61.6 0.0290 0.47 0.44 2.45 252.0 10.0 290.4 2.0 0

0.00 20. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 18 -4.7 0.090 -9.000 -9.000 -999. 66. 13.9 0.0340 0.47 1.00 1.43 134.0 10.0 288.1 2.0 0
0.00 30. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 19 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.47 1.00 1.48 323.0 10.0 285.4 2.0 0
0.00 40. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 20 -7.8 0.116 -9.000 -9.000 -999. 95. 18.0 0.0380 0.47 1.00 1.79 357.0 10.0 283.8 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 21 -13.7 0.156 -9.000 -9.000 -999. 147. 26.6 0.0380 0.47 1.00 2.35 332.0 10.0 283.1 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 22 -12.9 0.151 -9.000 -9.000 -999. 140. 25.0 0.0380 0.47 1.00 2.28 333.0 10.0 282.5 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 23 -14.6 0.161 -9.000 -9.000 -999. 155. 28.4 0.0380 0.47 1.00 2.42 337.0 10.0 282.0 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
19 10 28 301 24 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.47 1.00 2.27 338.0 10.0 281.4 2.0 0
0.00 43. 1010. 0 ADJ-A1 NoSubs
19 10 29 302 1 -15.0 0.163 -9.000 -9.000 -999. 158. 29.1 0.0380 0.47 1.00 2.45 334.0 10.0 281.4 2.0 0
0.00 38. 1010. 0 ADJ-A1 NoSubs
19 10 29 302 2 -6.4 0.104 -9.000 -9.000 -999. 81. 16.0 0.0380 0.47 1.00 1.62 342.0 10.0 279.9 2.0 0
0.00 46. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 3 -12.6 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.47 1.00 2.30 326.0 10.0 279.9 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 4 -6.2 0.103 -9.000 -9.000 -999. 79. 15.7 0.0380 0.47 1.00 1.60 341.0 10.0 278.1 2.0 0
0.00 52. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 5 -13.8 0.156 -9.000 -9.000 -999. 147. 26.6 0.0380 0.47 1.00 2.35 330.0 10.0 279.2 2.0 0
0.00 44. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 6 -6.5 0.105 -9.000 -9.000 -999. 83. 16.2 0.0380 0.47 1.00 1.64 334.0 10.0 278.1 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 7 -7.1 0.110 -9.000 -9.000 -999. 88. 16.9 0.0380 0.47 1.00 1.71 356.0 10.0 278.8 2.0 0
0.00 50. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 8 1.8 0.077 0.089 0.012 14. 51. -22.3 0.0310 0.47 0.37 0.97 13.0 10.0 282.5 2.0 0
0.00 38. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 9 40.2 0.133 0.614 0.013 207. 116. -5.2 0.0300 0.47 0.24 1.45 111.0 10.0 284.9 2.0 0
0.00 31. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 10 72.1 0.142 0.905 0.016 371. 128. -3.6 0.0340 0.47 0.20 1.43 139.0 10.0 287.5 2.0 0
0.00 30. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 11 93.7 0.148 1.017 0.015 404. 136. -3.1 0.0370 0.47 0.19 1.43 150.0 10.0 290.4 2.0 0
0.00 24. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 12 104.0 0.180 1.080 0.013 435. 183. -5.0 0.0370 0.47 0.18 1.86 159.0 10.0 292.5 2.0 0
0.00 25. 1008. 0 ADJ-A1 NoSubs
19 10 29 302 13 103.0 0.196 1.120 0.011 490. 209. -6.6 0.0370 0.47 0.18 2.11 165.0 10.0 294.9 2.0 0
0.00 23. 1007. 0 ADJ-A1 NoSubs
19 10 29 302 14 90.2 0.182 1.118 0.011 557. 187. -6.0 0.0230 0.47 0.19 2.15 193.0 10.0 295.9 2.0 0
0.00 20. 1006. 0 ADJ-A1 NoSubs
19 10 29 302 15 65.9 0.239 1.033 0.010 600. 281. -18.6 0.0290 0.47 0.21 3.01 246.0 10.0 295.9 2.0 0
0.00 20. 1006. 0 ADJ-A1 NoSubs
19 10 29 302 16 31.8 0.191 0.818 0.010 618. 201. -19.7 0.0260 0.47 0.27 2.47 281.0 10.0 295.4 2.0 0
0.00 22. 1006. 0 ADJ-A1 NoSubs
19 10 29 302 17 -2.7 0.088 -9.000 -9.000 -999. 68. 22.2 0.0330 0.47 0.45 1.37 306.0 10.0 292.5 2.0 0
0.00 29. 1006. 0 ADJ-A1 NoSubs
19 10 29 302 18 -5.5 0.095 -9.000 -9.000 -999. 71. 14.2 0.0230 0.47 1.00 1.62 196.0 10.0 285.4 2.0 0
0.00 63. 1006. 0 ADJ-A1 NoSubs
19 10 29 302 19 -7.0 0.110 -9.000 -9.000 -999. 88. 17.1 0.0380 0.47 1.00 1.71 221.0 10.0 284.2 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
19 10 29 302 20 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0330 0.47 1.00 1.33 329.0 10.0 284.2 2.0 0

0.00 76. 1008. 0 ADJ-A1 NoSubs
19 10 29 302 21 -9.5 0.128 -9.000 -9.000 -999. 110. 19.9 0.0330 0.47 1.00 2.01 46.0 10.0 285.4 2.0 0
0.00 48. 1008. 0 ADJ-A1 NoSubs
19 10 29 302 22 -7.6 0.114 -9.000 -9.000 -999. 93. 17.8 0.0380 0.47 1.00 1.77 330.0 10.0 282.5 2.0 0
0.00 45. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 23 -8.0 0.117 -9.000 -9.000 -999. 96. 18.2 0.0380 0.47 1.00 1.81 337.0 10.0 282.5 2.0 0
0.00 38. 1009. 0 ADJ-A1 NoSubs
19 10 29 302 24 -6.5 0.105 -9.000 -9.000 -999. 82. 15.9 0.0310 0.47 1.00 1.69 1.0 10.0 281.4 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
19 10 30 303 1 -9.4 0.128 -9.000 -9.000 -999. 110. 19.9 0.0380 0.47 1.00 1.96 340.0 10.0 280.9 2.0 0
0.00 39. 1010. 0 ADJ-A1 NoSubs
19 10 30 303 2 -8.1 0.118 -9.000 -9.000 -999. 97. 18.3 0.0380 0.47 1.00 1.82 351.0 10.0 280.4 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
19 10 30 303 3 -10.0 0.131 -9.000 -9.000 -999. 114. 20.5 0.0380 0.47 1.00 2.01 339.0 10.0 280.4 2.0 0
0.00 39. 1011. 0 ADJ-A1 NoSubs
19 10 30 303 4 -5.7 0.099 -9.000 -9.000 -999. 75. 15.2 0.0380 0.47 1.00 1.54 346.0 10.0 280.4 2.0 0
0.00 38. 1011. 0 ADJ-A1 NoSubs
19 10 30 303 5 -6.2 0.102 -9.000 -9.000 -999. 78. 15.3 0.0310 0.47 1.00 1.64 12.0 10.0 279.2 2.0 0
0.00 41. 1011. 0 ADJ-A1 NoSubs
19 10 30 303 6 -5.0 0.092 -9.000 -9.000 -999. 67. 14.0 0.0330 0.47 1.00 1.47 57.0 10.0 280.4 2.0 0
0.00 33. 1012. 0 ADJ-A1 NoSubs
19 10 30 303 7 -7.8 0.115 -9.000 -9.000 -999. 93. 17.4 0.0310 0.47 1.00 1.84 21.0 10.0 279.2 2.0 0
0.00 42. 1013. 0 ADJ-A1 NoSubs
19 10 30 303 8 1.3 0.085 0.086 0.007 19. 60. -44.8 0.0310 0.47 0.37 1.13 10.0 10.0 283.8 2.0 0
0.00 32. 1014. 0 ADJ-A1 NoSubs
19 10 30 303 9 40.3 0.160 0.801 0.007 462. 153. -9.2 0.0290 0.47 0.24 1.88 86.0 10.0 289.2 2.0 0
0.00 19. 1014. 0 ADJ-A1 NoSubs
19 10 30 303 10 72.2 0.198 0.988 0.006 483. 212. -9.8 0.0300 0.47 0.20 2.33 108.0 10.0 292.0 2.0 0
0.00 16. 1014. 0 ADJ-A1 NoSubs
19 10 30 303 11 94.0 0.214 1.099 0.005 510. 238. -9.4 0.0290 0.47 0.19 2.52 67.0 10.0 294.9 2.0 0
0.00 14. 1014. 0 ADJ-A1 NoSubs
19 10 30 303 12 104.3 0.327 1.158 0.005 539. 449. -30.3 0.0340 0.47 0.18 4.14 127.0 10.0 296.4 2.0 0
0.00 12. 1014. 0 ADJ-A1 NoSubs
19 10 30 303 13 102.6 0.354 1.239 0.005 671. 505. -39.1 0.0340 0.47 0.18 4.56 134.0 10.0 296.4 2.0 0
0.00 13. 1014. 0 ADJ-A1 NoSubs
19 10 30 303 14 89.7 0.246 1.316 0.009 918. 300. -15.0 0.0340 0.47 0.19 2.94 131.0 10.0 297.5 2.0 0
0.00 12. 1014. 0 ADJ-A1 NoSubs
19 10 30 303 15 64.6 0.338 1.227 0.010 1037. 471. -54.0 0.0380 0.47 0.21 4.34 236.0 10.0 294.9 2.0 0
0.00 21. 1014. 0 ADJ-A1 NoSubs
19 10 30 303 16 29.9 0.309 0.964 0.010 1082. 412. -89.0 0.0260 0.47 0.27 4.36 273.0 10.0 292.5 2.0 0
0.00 28. 1015. 0 ADJ-A1 NoSubs
19 10 30 303 17 -8.5 0.189 -9.000 -9.000 -999. 206. 72.6 0.0290 0.47 0.45 2.91 257.0 10.0 289.9 2.0 0
0.00 42. 1015. 0 ADJ-A1 NoSubs
19 10 30 303 18 -3.0 0.073 -9.000 -9.000 -999. 60. 12.0 0.0380 0.47 1.00 1.09 346.0 10.0 288.8 2.0 0
0.00 46. 1016. 0 ADJ-A1 NoSubs
19 10 30 303 19 -6.1 0.102 -9.000 -9.000 -999. 78. 15.9 0.0380 0.47 1.00 1.59 342.0 10.0 286.4 2.0 0
0.00 50. 1016. 0 ADJ-A1 NoSubs
19 10 30 303 20 -10.9 0.138 -9.000 -9.000 -999. 123. 21.8 0.0380 0.47 1.00 2.10 342.0 10.0 284.9 2.0 0
0.00 51. 1016. 0 ADJ-A1 NoSubs
19 10 30 303 21 -8.3 0.119 -9.000 -9.000 -999. 99. 18.6 0.0380 0.47 1.00 1.84 338.0 10.0 283.8 2.0 0
0.00 53. 1017. 0 ADJ-A1 NoSubs
19 10 30 303 22 -14.4 0.159 -9.000 -9.000 -999. 152. 27.9 0.0380 0.47 1.00 2.40 337.0 10.0 283.1 2.0 0
0.00 53. 1017. 0 ADJ-A1 NoSubs
19 10 30 303 23 -16.9 0.173 -9.000 -9.000 -999. 172. 32.8 0.0380 0.47 1.00 2.59 333.0 10.0 282.5 2.0 0

0.00 53. 1018. 0 ADJ-A1 NoSubs
19 10 30 303 24 -11.1 0.138 -9.000 -9.000 -999. 124. 21.8 0.0380 0.47 1.00 2.11 341.0 10.0 281.4 2.0 0
0.00 58. 1018. 0 ADJ-A1 NoSubs
19 10 31 304 1 -11.5 0.141 -9.000 -9.000 -999. 128. 22.3 0.0380 0.47 1.00 2.15 335.0 10.0 282.0 2.0 0
0.00 53. 1017. 0 ADJ-A1 NoSubs
19 10 31 304 2 -9.7 0.129 -9.000 -9.000 -999. 111. 20.2 0.0380 0.47 1.00 1.98 337.0 10.0 281.4 2.0 0
0.00 58. 1017. 0 ADJ-A1 NoSubs
19 10 31 304 3 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0380 0.47 1.00 1.31 347.0 10.0 282.0 2.0 0
0.00 49. 1017. 0 ADJ-A1 NoSubs
19 10 31 304 4 -3.7 0.080 -9.000 -9.000 -999. 55. 12.6 0.0380 0.47 1.00 1.23 346.0 10.0 280.9 2.0 0
0.00 50. 1017. 0 ADJ-A1 NoSubs
19 10 31 304 5 -4.1 0.084 -9.000 -9.000 -999. 59. 13.0 0.0380 0.47 1.00 1.30 359.0 10.0 280.4 2.0 0
0.00 48. 1017. 0 ADJ-A1 NoSubs
19 10 31 304 6 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0330 0.47 1.00 1.45 53.0 10.0 279.9 2.0 0
0.00 48. 1017. 0 ADJ-A1 NoSubs
19 10 31 304 7 -7.0 0.108 -9.000 -9.000 -999. 85. 16.5 0.0330 0.47 1.00 1.72 52.0 10.0 280.4 2.0 0
0.00 43. 1017. 0 ADJ-A1 NoSubs
19 10 31 304 8 0.3 0.108 0.031 0.007 4. 85. -413.1 0.0330 0.47 0.38 1.52 58.0 10.0 282.5 2.0 0
0.00 38. 1018. 0 ADJ-A1 NoSubs
19 10 31 304 9 39.0 0.192 0.448 0.005 84. 202. -16.5 0.0290 0.47 0.25 2.39 84.0 10.0 287.5 2.0 0
0.00 26. 1018. 0 ADJ-A1 NoSubs
19 10 31 304 10 70.8 0.209 0.720 0.005 191. 229. -11.7 0.0300 0.47 0.20 2.50 92.0 10.0 290.4 2.0 0
0.00 21. 1018. 0 ADJ-A1 NoSubs
19 10 31 304 11 92.9 0.170 1.121 0.008 551. 169. -4.8 0.0300 0.47 0.19 1.84 113.0 10.0 294.2 2.0 0
0.00 15. 1017. 0 ADJ-A1 NoSubs
19 10 31 304 12 103.3 0.215 1.300 0.009 772. 239. -8.7 0.0300 0.47 0.18 2.49 108.0 10.0 296.4 2.0 0
0.00 12. 1016. 0 ADJ-A1 NoSubs
19 10 31 304 13 102.2 0.224 1.309 0.008 794. 255. -10.0 0.0340 0.47 0.18 2.57 122.0 10.0 298.1 2.0 0
0.00 9. 1015. 0 ADJ-A1 NoSubs
19 10 31 304 14 89.0 0.170 1.260 0.007 813. 169. -5.0 0.0230 0.47 0.19 1.96 185.0 10.0 298.1 2.0 0
0.00 13. 1014. 0 ADJ-A1 NoSubs
19 10 31 304 15 64.0 0.321 1.134 0.006 826. 437. -46.9 0.0290 0.47 0.21 4.31 261.0 10.0 295.9 2.0 0
0.00 14. 1014. 0 ADJ-A1 NoSubs
19 10 31 304 16 29.5 0.280 0.879 0.006 831. 356. -67.0 0.0260 0.47 0.27 3.90 278.0 10.0 294.2 2.0 0
0.00 17. 1014. 0 ADJ-A1 NoSubs
19 10 31 304 17 -2.9 0.085 -9.000 -9.000 -999. 112. 19.6 0.0290 0.47 0.46 1.37 266.0 10.0 293.1 2.0 0
0.00 21. 1014. 0 ADJ-A1 NoSubs
19 10 31 304 18 -5.5 0.097 -9.000 -9.000 -999. 72. 14.8 0.0300 0.47 1.00 1.57 93.0 10.0 289.2 2.0 0
0.00 35. 1014. 0 ADJ-A1 NoSubs
19 10 31 304 19 -8.2 0.119 -9.000 -9.000 -999. 99. 18.7 0.0380 0.47 1.00 1.84 344.0 10.0 286.4 2.0 0
0.00 38. 1014. 0 ADJ-A1 NoSubs
19 10 31 304 20 -10.3 0.134 -9.000 -9.000 -999. 118. 21.2 0.0380 0.47 1.00 2.05 334.0 10.0 285.4 2.0 0
0.00 36. 1015. 0 ADJ-A1 NoSubs
19 10 31 304 21 -17.2 0.175 -9.000 -9.000 -999. 176. 33.7 0.0380 0.47 1.00 2.62 330.0 10.0 284.9 2.0 0
0.00 34. 1015. 0 ADJ-A1 NoSubs
19 10 31 304 22 -10.3 0.133 -9.000 -9.000 -999. 117. 21.0 0.0380 0.47 1.00 2.04 347.0 10.0 283.1 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
19 10 31 304 23 -11.6 0.142 -9.000 -9.000 -999. 129. 22.4 0.0380 0.47 1.00 2.16 333.0 10.0 283.1 2.0 0
0.00 37. 1015. 0 ADJ-A1 NoSubs
19 10 31 304 24 -10.3 0.133 -9.000 -9.000 -999. 116. 20.6 0.0330 0.47 1.00 2.08 325.0 10.0 281.4 2.0 0
0.00 41. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 1 -5.4 0.095 -9.000 -9.000 -999. 71. 14.5 0.0330 0.47 1.00 1.52 329.0 10.0 282.0 2.0 0
0.00 40. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 2 -2.9 0.072 -9.000 -9.000 -999. 46. 11.4 0.0290 0.47 1.00 1.11 269.0 10.0 280.4 2.0 0

0.00 47. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 3 -6.4 0.103 -9.000 -9.000 -999. 80. 15.7 0.0330 0.47 1.00 1.65 308.0 10.0 279.2 2.0 0
0.00 48. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 4 -5.1 0.092 -9.000 -9.000 -999. 67. 13.9 0.0330 0.47 1.00 1.47 324.0 10.0 278.1 2.0 0
0.00 54. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 5 -3.5 0.077 -9.000 -9.000 -999. 51. 12.0 0.0330 0.47 1.00 1.20 313.0 10.0 278.8 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 6 -7.0 0.108 -9.000 -9.000 -999. 85. 16.4 0.0330 0.47 1.00 1.72 318.0 10.0 278.8 2.0 0
0.00 50. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 7 -4.4 0.086 -9.000 -9.000 -999. 60. 13.0 0.0310 0.47 1.00 1.38 24.0 10.0 280.9 2.0 0
0.00 39. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 8 -0.2 0.107 -9.000 -9.000 -999. 84. 510.6 0.0340 0.47 0.38 1.54 133.0 10.0 283.1 2.0 0
0.00 35. 1016. 0 ADJ-A1 NoSubs
19 11 1 305 9 37.7 0.165 0.487 0.013 111. 161. -10.8 0.0300 0.47 0.25 1.96 112.0 10.0 285.9 2.0 0
0.00 30. 1016. 0 ADJ-A1 NoSubs
19 11 1 305 10 69.9 0.179 0.758 0.012 226. 181. -7.4 0.0340 0.47 0.20 1.98 132.0 10.0 290.4 2.0 0
0.00 23. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 11 92.1 0.203 0.895 0.009 281. 220. -8.2 0.0340 0.47 0.19 2.28 129.0 10.0 294.9 2.0 0
0.00 18. 1015. 0 ADJ-A1 NoSubs
19 11 1 305 12 102.6 0.175 0.988 0.007 340. 175. -4.7 0.0370 0.47 0.18 1.79 160.0 10.0 297.0 2.0 0
0.00 15. 1014. 0 ADJ-A1 NoSubs
19 11 1 305 13 101.5 0.208 1.036 0.005 397. 227. -8.0 0.0370 0.47 0.18 2.28 171.0 10.0 298.8 2.0 0
0.00 16. 1013. 0 ADJ-A1 NoSubs
19 11 1 305 14 88.0 0.237 1.079 0.005 516. 277. -13.7 0.0380 0.47 0.19 2.74 219.0 10.0 298.1 2.0 0
0.00 16. 1013. 0 ADJ-A1 NoSubs
19 11 1 305 15 63.6 0.215 1.027 0.005 616. 240. -14.2 0.0290 0.47 0.21 2.64 245.0 10.0 297.5 2.0 0
0.00 17. 1013. 0 ADJ-A1 NoSubs
19 11 1 305 16 29.4 0.171 0.811 0.005 655. 170. -15.3 0.0290 0.47 0.27 2.11 245.0 10.0 296.4 2.0 0
0.00 18. 1013. 0 ADJ-A1 NoSubs
19 11 1 305 17 -5.5 0.117 -9.000 -9.000 -999. 96. 25.9 0.0230 0.47 0.47 1.91 187.0 10.0 292.5 2.0 0
0.00 24. 1012. 0 ADJ-A1 NoSubs
19 11 1 305 18 -8.9 0.122 -9.000 -9.000 -999. 102. 18.5 0.0230 0.47 1.00 2.04 180.0 10.0 286.4 2.0 0
0.00 61. 1013. 0 ADJ-A1 NoSubs
19 11 1 305 19 -4.1 0.083 -9.000 -9.000 -999. 58. 12.7 0.0290 0.47 1.00 1.35 251.0 10.0 286.4 2.0 0
0.00 61. 1014. 0 ADJ-A1 NoSubs
19 11 1 305 20 -4.4 0.086 -9.000 -9.000 -999. 61. 13.0 0.0260 0.47 1.00 1.43 283.0 10.0 284.9 2.0 0
0.00 60. 1014. 0 ADJ-A1 NoSubs
19 11 1 305 21 -7.8 0.116 -9.000 -9.000 -999. 95. 18.0 0.0380 0.47 1.00 1.79 334.0 10.0 283.1 2.0 0
0.00 53. 1014. 0 ADJ-A1 NoSubs
19 11 1 305 22 -9.6 0.129 -9.000 -9.000 -999. 111. 20.3 0.0380 0.47 1.00 1.98 336.0 10.0 283.1 2.0 0
0.00 49. 1014. 0 ADJ-A1 NoSubs
19 11 1 305 23 -3.9 0.082 -9.000 -9.000 -999. 57. 12.8 0.0380 0.47 1.00 1.26 341.0 10.0 281.4 2.0 0
0.00 58. 1014. 0 ADJ-A1 NoSubs
19 11 1 305 24 -11.6 0.142 -9.000 -9.000 -999. 128. 22.4 0.0380 0.47 1.00 2.16 330.0 10.0 282.5 2.0 0
0.00 45. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 1 -6.9 0.108 -9.000 -9.000 -999. 85. 16.5 0.0330 0.47 1.00 1.72 327.0 10.0 281.4 2.0 0
0.00 49. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 2 -7.6 0.114 -9.000 -9.000 -999. 93. 17.7 0.0380 0.47 1.00 1.77 334.0 10.0 281.4 2.0 0
0.00 47. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 3 -3.9 0.081 -9.000 -9.000 -999. 56. 12.7 0.0380 0.47 1.00 1.25 340.0 10.0 279.2 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 4 -9.8 0.129 -9.000 -9.000 -999. 111. 20.0 0.0330 0.47 1.00 2.03 323.0 10.0 280.9 2.0 0
0.00 45. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 5 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0330 0.47 1.00 1.64 327.0 10.0 278.8 2.0 0

0.00 52. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 6 -3.3 0.075 -9.000 -9.000 -999. 50. 11.8 0.0330 0.47 1.00 1.16 302.0 10.0 278.1 2.0 0
0.00 57. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 7 -5.9 0.100 -9.000 -9.000 -999. 75. 15.1 0.0330 0.47 1.00 1.59 323.0 10.0 278.8 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 8 -0.3 0.054 -9.000 -9.000 -999. 30. 43.7 0.0330 0.47 0.39 0.82 300.0 10.0 283.8 2.0 0
0.00 40. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 9 37.0 0.123 0.401 0.015 63. 103. -4.5 0.0340 0.47 0.25 1.28 121.0 10.0 287.0 2.0 0
0.00 31. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 10 69.2 0.161 0.656 0.014 147. 155. -5.5 0.0340 0.47 0.20 1.72 149.0 10.0 291.4 2.0 0
0.00 25. 1014. 0 ADJ-A1 NoSubs
19 11 2 306 11 91.7 0.185 0.862 0.012 252. 191. -6.2 0.0340 0.47 0.19 2.01 130.0 10.0 296.4 2.0 0
0.00 18. 1013. 0 ADJ-A1 NoSubs
19 11 2 306 12 102.7 0.216 1.012 0.012 365. 241. -8.9 0.0340 0.47 0.18 2.45 129.0 10.0 299.9 2.0 0
0.00 13. 1012. 0 ADJ-A1 NoSubs
19 11 2 306 13 101.9 0.184 1.088 0.011 456. 189. -5.5 0.0340 0.47 0.18 1.96 145.0 10.0 302.0 2.0 0
0.00 11. 1011. 0 ADJ-A1 NoSubs
19 11 2 306 14 88.4 0.225 1.084 0.011 520. 256. -11.6 0.0370 0.47 0.19 2.57 169.0 10.0 301.4 2.0 0
0.00 13. 1011. 0 ADJ-A1 NoSubs
19 11 2 306 15 62.9 0.262 0.991 0.010 558. 323. -25.9 0.0290 0.47 0.21 3.39 253.0 10.0 298.1 2.0 0
0.00 16. 1011. 0 ADJ-A1 NoSubs
19 11 2 306 16 28.1 0.200 0.764 0.010 572. 216. -25.7 0.0380 0.47 0.28 2.45 233.0 10.0 295.4 2.0 0
0.00 28. 1011. 0 ADJ-A1 NoSubs
19 11 2 306 17 -6.7 0.128 -9.000 -9.000 -999. 112. 28.3 0.0370 0.47 0.47 1.93 159.0 10.0 290.9 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
19 11 2 306 18 -4.7 0.089 -9.000 -9.000 -999. 64. 13.8 0.0340 0.47 1.00 1.42 147.0 10.0 287.0 2.0 0
0.00 66. 1011. 0 ADJ-A1 NoSubs
19 11 2 306 19 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0230 0.47 1.00 1.52 209.0 10.0 285.4 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
19 11 2 306 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0330 0.47 1.00 1.31 313.0 10.0 284.9 2.0
0 0.00 73. 1011. 99 ADJ-A1 NoSubs
19 11 2 306 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.47 1.00 1.84 335.0 10.0 284.2 2.0
0 0.00 58. 1011. 99 ADJ-A1 NoSubs
19 11 2 306 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.47 1.00 1.99 335.0 10.0 283.1 2.0
0 0.00 58. 1011. 99 ADJ-A1 NoSubs
19 11 2 306 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0380 0.47 1.00 1.65 341.0 10.0 282.5 2.0
0 0.00 51. 1011. 99 ADJ-A1 NoSubs
19 11 2 306 24 -5.0 0.092 -9.000 -9.000 -999. 67. 14.0 0.0330 0.47 1.00 1.47 322.0 10.0 283.1 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
19 11 3 307 1 -7.5 0.113 -9.000 -9.000 -999. 91. 17.3 0.0330 0.47 1.00 1.79 302.0 10.0 283.1 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
19 11 3 307 2 -8.3 0.118 -9.000 -9.000 -999. 97. 17.8 0.0260 0.47 1.00 1.94 276.0 10.0 282.5 2.0 0
0.00 47. 1011. 0 ADJ-A1 NoSubs
19 11 3 307 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 280.9 2.0
0 0.00 53. 1011. 0 ADJ-SFC NoSubs
19 11 3 307 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 279.2 2.0
0 0.00 55. 1011. 0 ADJ-SFC NoSubs
19 11 3 307 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 279.9 2.0
0 0.00 54. 1011. 0 ADJ-SFC NoSubs
19 11 3 307 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 278.8 2.0
0 0.00 59. 1010. 0 ADJ-SFC NoSubs
19 11 3 307 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 279.2 2.0
0 0.00 55. 1011. 0 ADJ-SFC NoSubs
19 11 3 307 8 -1.2 0.121 -9.000 -9.000 -999. 101. 135.6 0.0370 0.47 0.39 1.76 170.0 10.0 284.2 2.0 0

0.00 37. 1011. 0 ADJ-SFC NoSubs
19 11 3 307 9 36.2 -9.000 -9.000 -9.000 71. -999. -99999.0 0.0317 0.47 0.25 0.00 0.0 10.0 287.5 2.0 0
0.00 31. 1011. 0 ADJ-SFC NoSubs
19 11 3 307 10 68.1 0.164 0.688 0.019 172. 159. -5.8 0.0340 0.47 0.20 1.76 144.0 10.0 290.9 2.0 0
0.00 26. 1011. 0 ADJ-SFC NoSubs
19 11 3 307 11 90.0 0.211 0.835 0.016 233. 233. -9.4 0.0370 0.47 0.19 2.36 161.0 10.0 294.2 2.0 0
0.00 24. 1010. 0 ADJ-SFC NoSubs
19 11 3 307 12 100.6 -9.000 -9.000 -9.000 276. -999. -99999.0 0.0317 0.47 0.18 0.00 0.0 10.0 297.0 2.0
0 0.00 17. 1010. 0 ADJ-SFC NoSubs
19 11 3 307 13 99.5 0.274 0.964 0.010 324. 345. -18.6 0.0330 0.47 0.18 3.36 303.0 10.0 298.8 2.0 0
0.00 18. 1009. 0 ADJ-SFC NoSubs
19 11 3 307 14 86.1 0.234 0.967 0.009 378. 273. -13.4 0.0290 0.47 0.19 2.86 265.0 10.0 298.1 2.0 0
0.00 16. 1009. 0 ADJ-SFC NoSubs
19 11 3 307 15 61.3 0.272 0.889 0.008 412. 340. -29.4 0.0380 0.47 0.21 3.36 221.0 10.0 296.4 2.0 0
0.00 22. 1008. 0 ADJ-SFC NoSubs
19 11 3 307 16 26.4 0.240 0.677 0.008 422. 283. -47.1 0.0230 0.47 0.28 3.36 192.0 10.0 292.5 2.0 0
0.00 41. 1008. 0 ADJ-SFC NoSubs
19 11 3 307 17 -13.2 0.229 -9.000 -9.000 -999. 263. 82.0 0.0370 0.47 0.48 3.36 179.0 10.0 288.1 2.0 0
0.00 71. 1009. 0 ADJ-SFC NoSubs
19 11 3 307 18 -7.5 0.113 -9.000 -9.000 -999. 99. 17.6 0.0340 0.47 1.00 1.79 148.0 10.0 286.4 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 11 3 307 19 -4.0 0.082 -9.000 -9.000 -999. 57. 12.7 0.0300 0.47 1.00 1.33 110.0 10.0 286.4 2.0 0
0.00 80. 1009. 0 ADJ-A1 NoSubs
19 11 3 307 20 -5.8 0.100 -9.000 -9.000 -999. 75. 15.2 0.0330 0.47 1.00 1.59 43.0 10.0 284.9 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
19 11 3 307 21 -8.2 0.119 -9.000 -9.000 -999. 99. 18.6 0.0380 0.47 1.00 1.84 351.0 10.0 284.2 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
19 11 3 307 22 -12.3 0.147 -9.000 -9.000 -999. 135. 23.8 0.0380 0.47 1.00 2.23 340.0 10.0 283.8 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
19 11 3 307 23 -6.2 0.103 -9.000 -9.000 -999. 79. 15.9 0.0380 0.47 1.00 1.60 339.0 10.0 282.5 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
19 11 3 307 24 -6.5 0.106 -9.000 -9.000 -999. 82. 16.3 0.0380 0.47 1.00 1.64 343.0 10.0 283.1 2.0 0
0.00 62. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 1 -5.6 0.098 -9.000 -9.000 -999. 74. 15.1 0.0380 0.47 1.00 1.53 347.0 10.0 281.4 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 2 -4.7 0.089 -9.000 -9.000 -999. 64. 13.5 0.0330 0.47 1.00 1.42 325.0 10.0 278.8 2.0 0
0.00 82. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 3 -7.3 0.112 -9.000 -9.000 -999. 90. 17.4 0.0380 0.47 1.00 1.74 335.0 10.0 280.9 2.0 0
0.00 65. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 4 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0380 0.47 1.00 1.60 337.0 10.0 279.9 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 5 -6.2 0.103 -9.000 -9.000 -999. 79. 15.8 0.0380 0.47 1.00 1.60 347.0 10.0 279.9 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 6 -4.7 0.090 -9.000 -9.000 -999. 65. 13.8 0.0380 0.47 1.00 1.40 354.0 10.0 279.9 2.0 0
0.00 67. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 7 -4.0 0.083 -9.000 -9.000 -999. 58. 12.9 0.0380 0.47 1.00 1.28 341.0 10.0 278.8 2.0 0
0.00 75. 1010. 0 ADJ-A1 NoSubs
19 11 4 308 8 -0.6 0.050 -9.000 -9.000 -999. 27. 20.6 0.0310 0.47 0.40 0.80 17.0 10.0 283.8 2.0 0
0.00 60. 1010. 0 ADJ-A1 NoSubs
19 11 4 308 9 35.3 0.088 0.451 0.024 93. 63. -1.7 0.0300 0.47 0.25 0.82 105.0 10.0 287.5 2.0 0
0.00 46. 1010. 0 ADJ-A1 NoSubs
19 11 4 308 10 67.0 0.132 0.664 0.021 158. 116. -3.1 0.0340 0.47 0.21 1.31 137.0 10.0 290.4 2.0 0
0.00 42. 1010. 0 ADJ-A1 NoSubs
19 11 4 308 11 89.0 0.148 0.813 0.018 217. 137. -3.3 0.0340 0.47 0.19 1.48 149.0 10.0 294.2 2.0 0

0.00 29. 1010. 0 ADJ-A1 NoSubs
19 11 4 308 12 99.7 0.162 0.966 0.017 326. 157. -3.9 0.0370 0.47 0.18 1.62 161.0 10.0 297.0 2.0 0
0.00 27. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 13 98.1 0.244 0.998 0.015 364. 289. -13.3 0.0380 0.47 0.18 2.81 225.0 10.0 297.5 2.0 0
0.00 25. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 14 84.6 0.269 0.970 0.013 389. 335. -20.8 0.0290 0.47 0.19 3.42 264.0 10.0 296.4 2.0 0
0.00 27. 1008. 0 ADJ-A1 NoSubs
19 11 4 308 15 59.7 0.266 0.875 0.012 404. 329. -28.4 0.0380 0.47 0.22 3.28 225.0 10.0 294.2 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 16 25.1 0.252 0.661 0.012 415. 304. -57.7 0.0230 0.47 0.28 3.57 201.0 10.0 290.9 2.0 0
0.00 57. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 17 -8.4 0.139 -9.000 -9.000 -999. 131. 29.1 0.0230 0.47 0.49 2.27 193.0 10.0 288.1 2.0 0
0.00 71. 1009. 0 ADJ-A1 NoSubs
19 11 4 308 18 -15.8 0.164 -9.000 -9.000 -999. 160. 29.7 0.0230 0.47 1.00 2.69 193.0 10.0 284.2 2.0 0
0.00 92. 1010. 0 ADJ-A1 NoSubs
19 11 4 308 19 -8.4 0.119 -9.000 -9.000 -999. 98. 17.8 0.0230 0.47 1.00 1.99 201.0 10.0 284.2 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 11 4 308 20 -4.9 0.091 -9.000 -9.000 -999. 66. 14.1 0.0370 0.47 1.00 1.43 178.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 4 308 21 -2.8 0.071 -9.000 -9.000 -999. 46. 11.5 0.0300 0.47 1.00 1.09 95.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 4 308 22 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0340 0.47 1.00 1.13 120.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 4 308 23 -2.2 0.066 -9.000 -9.000 -999. 40. 11.5 0.0310 0.47 1.00 0.92 19.0 10.0 284.2 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 11 4 308 24 -3.1 0.074 -9.000 -9.000 -999. 48. 11.6 0.0290 0.47 1.00 1.16 65.0 10.0 283.8 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 5 309 1 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0330 0.47 1.00 1.18 54.0 10.0 283.8 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 5 309 2 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.47 1.00 1.08 34.0 10.0 283.1 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 5 309 3 -2.4 0.068 -9.000 -9.000 -999. 42. 11.5 0.0330 0.47 1.00 0.97 315.0 10.0 282.5 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 5 309 4 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0380 0.47 1.00 1.31 339.0 10.0 282.0 2.0 0
0.00 95. 1011. 10 ADJ-A1 NoSubs
19 11 5 309 5 -3.6 0.079 -9.000 -9.000 -999. 54. 12.5 0.0380 0.47 1.00 1.21 347.0 10.0 281.4 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 5 309 6 -4.9 0.091 -9.000 -9.000 -999. 66. 14.0 0.0380 0.47 1.00 1.42 360.0 10.0 280.9 2.0 0
0.00 95. 1012. 10 ADJ-A1 NoSubs
19 11 5 309 7 -4.7 0.089 -9.000 -9.000 -999. 64. 13.5 0.0330 0.47 1.00 1.42 316.0 10.0 280.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 11 5 309 8 -0.9 0.049 -9.000 -9.000 -999. 26. 11.4 0.0300 0.47 0.40 0.74 91.0 10.0 280.9 2.0 0
0.00 95. 1012. 10 ADJ-A1 NoSubs
19 11 5 309 9 37.2 0.104 0.518 0.022 135. 80. -2.7 0.0330 0.47 0.26 1.01 31.0 10.0 283.1 2.0 0
0.00 86. 1012. 5 ADJ-A1 NoSubs
19 11 5 309 10 65.7 0.123 0.701 0.020 189. 103. -2.5 0.0340 0.47 0.21 1.18 142.0 10.0 289.2 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
19 11 5 309 11 87.5 0.208 0.838 0.018 242. 227. -9.2 0.0230 0.47 0.19 2.56 195.0 10.0 292.5 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
19 11 5 309 12 97.8 0.216 0.914 0.016 281. 242. -9.3 0.0230 0.47 0.18 2.67 195.0 10.0 294.2 2.0 0
0.00 40. 1011. 0 ADJ-A1 NoSubs
19 11 5 309 13 96.2 0.257 0.940 0.014 311. 312. -15.8 0.0380 0.47 0.19 3.01 222.0 10.0 294.9 2.0 0
0.00 40. 1011. 0 ADJ-A1 NoSubs
19 11 5 309 14 82.9 0.237 0.917 0.012 335. 277. -14.4 0.0290 0.47 0.19 2.91 249.0 10.0 294.2 2.0 0

0.00 43. 1010. 0 ADJ-A1 NoSubs
19 11 5 309 15 57.9 0.289 0.830 0.011 356. 372. -37.5 0.0380 0.47 0.22 3.63 218.0 10.0 291.4 2.0 0
0.00 51. 1010. 0 ADJ-A1 NoSubs
19 11 5 309 16 24.1 0.193 0.625 0.012 366. 207. -26.9 0.0230 0.47 0.28 2.61 200.0 10.0 290.4 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
19 11 5 309 17 -11.5 0.181 -9.000 -9.000 -999. 184. 46.0 0.0230 0.47 0.49 2.91 209.0 10.0 285.9 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
19 11 5 309 18 -15.8 0.164 -9.000 -9.000 -999. 160. 29.7 0.0230 0.47 1.00 2.69 197.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 5 309 19 -4.6 0.087 -9.000 -9.000 -999. 64. 13.0 0.0230 0.47 1.00 1.48 204.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 5 309 20 -5.0 0.093 -9.000 -9.000 -999. 68. 14.3 0.0370 0.47 1.00 1.45 172.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 5 309 21 -3.1 0.075 -9.000 -9.000 -999. 49. 11.9 0.0340 0.47 1.00 1.14 147.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 11 5 309 22 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0370 0.47 1.00 1.04 175.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 11 5 309 23 -2.7 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.47 1.00 1.01 225.0 10.0 283.8 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 5 309 24 -6.3 0.103 -9.000 -9.000 -999. 79. 15.6 0.0300 0.47 1.00 1.67 108.0 10.0 283.8 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 6 310 1 -6.1 0.101 -9.000 -9.000 -999. 77. 15.3 0.0300 0.47 1.00 1.64 105.0 10.0 283.1 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 11 6 310 2 -3.0 0.073 -9.000 -9.000 -999. 48. 11.6 0.0310 0.47 1.00 1.13 21.0 10.0 283.1 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 3 -4.0 0.082 -9.000 -9.000 -999. 56. 12.5 0.0290 0.47 1.00 1.33 88.0 10.0 282.5 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 4 -2.5 0.068 -9.000 -9.000 -999. 43. 11.5 0.0330 0.47 1.00 0.99 47.0 10.0 282.5 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 5 -2.8 0.070 -9.000 -9.000 -999. 45. 11.4 0.0290 0.47 1.00 1.08 240.0 10.0 282.5 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 6 -3.8 0.081 -9.000 -9.000 -999. 55. 12.5 0.0330 0.47 1.00 1.28 323.0 10.0 282.0 2.0 0
0.00 95. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 7 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.47 1.00 1.37 17.0 10.0 281.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 8 -2.0 0.069 -9.000 -9.000 -999. 44. 15.1 0.0380 0.47 0.41 1.08 352.0 10.0 282.0 2.0 0
0.00 95. 1012. 10 ADJ-A1 NoSubs
19 11 6 310 9 6.0 0.092 0.265 0.029 112. 67. -11.8 0.0330 0.47 0.26 1.08 58.0 10.0 282.5 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 6 310 10 64.2 0.112 0.763 0.031 249. 90. -2.0 0.0300 0.47 0.21 1.06 110.0 10.0 286.4 2.0 0
0.00 74. 1012. 0 ADJ-A1 NoSubs
19 11 6 310 11 85.7 0.134 0.876 0.029 283. 117. -2.5 0.0370 0.47 0.19 1.25 151.0 10.0 289.2 2.0 0
0.00 59. 1011. 0 ADJ-A1 NoSubs
19 11 6 310 12 96.2 0.154 0.942 0.027 313. 146. -3.5 0.0340 0.47 0.19 1.55 149.0 10.0 292.0 2.0 0
0.00 49. 1010. 0 ADJ-A1 NoSubs
19 11 6 310 13 94.3 0.255 0.960 0.025 338. 308. -15.7 0.0230 0.47 0.19 3.30 198.0 10.0 291.4 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
19 11 6 310 14 81.0 0.287 0.930 0.023 357. 369. -26.3 0.0380 0.47 0.19 3.52 228.0 10.0 290.9 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
19 11 6 310 15 56.9 0.219 0.837 0.022 371. 248. -16.7 0.0230 0.47 0.22 2.86 190.0 10.0 290.9 2.0 0
0.00 51. 1009. 0 ADJ-A1 NoSubs
19 11 6 310 16 23.0 0.216 0.622 0.022 376. 241. -39.6 0.0230 0.47 0.29 3.00 187.0 10.0 289.2 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 11 6 310 17 -13.6 0.208 -9.000 -9.000 -999. 227. 59.2 0.0370 0.47 0.50 3.07 179.0 10.0 286.4 2.0 0

0.00 80. 1010. 0 ADJ-A1 NoSubs
19 11 6 310 18 -20.5 0.207 -9.000 -9.000 -999. 225. 47.0 0.0370 0.47 1.00 3.08 176.0 10.0 285.4 2.0 0
0.00 86. 1010. 10 ADJ-A1 NoSubs
19 11 6 310 19 -12.4 0.148 -9.000 -9.000 -999. 137. 24.0 0.0370 0.47 1.00 2.25 164.0 10.0 285.4 2.0 0
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19 11 6 310 20 -7.8 0.116 -9.000 -9.000 -999. 94. 17.9 0.0340 0.47 1.00 1.82 137.0 10.0 285.4 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 21 -6.1 0.101 -9.000 -9.000 -999. 77. 15.4 0.0300 0.47 1.00 1.64 116.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 22 -2.4 0.068 -9.000 -9.000 -999. 42. 11.8 0.0380 0.47 1.00 0.94 349.0 10.0 284.9 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 23 -4.0 0.082 -9.000 -9.000 -999. 56. 12.5 0.0290 0.47 1.00 1.33 266.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 6 310 24 -2.9 0.072 -9.000 -9.000 -999. 46. 11.4 0.0290 0.47 1.00 1.11 269.0 10.0 284.2 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 7 311 1 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.47 1.00 0.97 28.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 7 311 2 -2.8 0.071 -9.000 -9.000 -999. 46. 11.8 0.0380 0.47 1.00 1.04 217.0 10.0 284.2 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 7 311 3 -3.1 0.073 -9.000 -9.000 -999. 48. 11.4 0.0260 0.47 1.00 1.18 292.0 10.0 284.2 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 11 7 311 4 -3.2 0.075 -9.000 -9.000 -999. 50. 12.1 0.0380 0.47 1.00 1.13 356.0 10.0 283.8 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 7 311 5 -3.7 0.080 -9.000 -9.000 -999. 55. 12.6 0.0380 0.47 1.00 1.23 337.0 10.0 283.1 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 7 311 6 -5.4 0.095 -9.000 -9.000 -999. 71. 14.4 0.0310 0.47 1.00 1.54 2.0 10.0 282.5 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 11 7 311 7 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0310 0.47 1.00 1.47 13.0 10.0 282.5 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 11 7 311 8 -2.9 0.083 -9.000 -9.000 -999. 57. 17.7 0.0330 0.47 0.41 1.31 35.0 10.0 282.5 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
19 11 7 311 9 5.8 0.106 0.268 0.027 120. 82. -18.3 0.0310 0.47 0.26 1.31 12.0 10.0 283.1 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
19 11 7 311 10 13.9 0.104 0.420 0.028 192. 81. -7.4 0.0380 0.47 0.21 1.13 223.0 10.0 284.9 2.0 0
0.00 82. 1015. 10 ADJ-A1 NoSubs
19 11 7 311 11 71.2 0.152 0.820 0.029 280. 142. -4.4 0.0230 0.47 0.19 1.72 207.0 10.0 287.0 2.0 0
0.00 74. 1015. 7 ADJ-A1 NoSubs
19 11 7 311 12 94.1 0.211 0.939 0.027 319. 232. -9.0 0.0230 0.47 0.19 2.59 184.0 10.0 287.5 2.0 0
0.00 69. 1015. 0 ADJ-A1 NoSubs
19 11 7 311 13 92.5 0.264 0.966 0.026 352. 325. -17.9 0.0230 0.47 0.19 3.46 204.0 10.0 288.1 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
19 11 7 311 14 79.4 0.297 0.944 0.024 383. 389. -29.9 0.0380 0.47 0.19 3.68 224.0 10.0 288.1 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
19 11 7 311 15 55.3 0.276 0.852 0.024 404. 349. -34.5 0.0290 0.47 0.22 3.64 248.0 10.0 288.1 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
19 11 7 311 16 21.5 0.283 0.625 0.024 411. 361. -95.5 0.0290 0.47 0.29 3.93 260.0 10.0 285.9 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
19 11 7 311 17 -8.9 0.169 -9.000 -9.000 -999. 174. 49.5 0.0260 0.47 0.50 2.67 275.0 10.0 285.4 2.0 0
0.00 82. 1014. 5 ADJ-A1 NoSubs
19 11 7 311 18 -2.9 0.072 -9.000 -9.000 -999. 53. 11.3 0.0260 0.47 1.00 1.14 278.0 10.0 285.9 2.0 0
0.00 82. 1015. 10 ADJ-A1 NoSubs
19 11 7 311 19 -3.5 0.077 -9.000 -9.000 -999. 51. 11.8 0.0260 0.47 1.00 1.25 282.0 10.0 285.9 2.0 0
0.00 82. 1015. 10 ADJ-A1 NoSubs
19 11 7 311 20 -3.1 0.074 -9.000 -9.000 -999. 48. 11.8 0.0330 0.47 1.00 1.14 320.0 10.0 285.9 2.0 0

0.00 82. 1015. 10 ADJ-A1 NoSubs
19 11 7 311 21 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.47 1.00 1.28 338.0 10.0 285.9 2.0 0
0.00 82. 1016. 10 ADJ-A1 NoSubs
19 11 7 311 22 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.47 1.00 0.97 24.0 10.0 285.9 2.0 0
0.00 82. 1016. 10 ADJ-A1 NoSubs
19 11 7 311 23 -4.7 0.089 -9.000 -9.000 -999. 63. 13.5 0.0310 0.47 1.00 1.43 24.0 10.0 285.4 2.0 0
0.00 82. 1016. 10 ADJ-A1 NoSubs
19 11 7 311 24 -4.2 0.084 -9.000 -9.000 -999. 58. 12.9 0.0310 0.47 1.00 1.35 6.0 10.0 284.9 2.0 0
0.00 85. 1015. 10 ADJ-A1 NoSubs
19 11 8 312 1 -6.2 0.102 -9.000 -9.000 -999. 79. 15.6 0.0310 0.47 1.00 1.65 29.0 10.0 284.9 2.0 0
0.00 85. 1015. 10 ADJ-A1 NoSubs
19 11 8 312 2 -4.4 0.087 -9.000 -9.000 -999. 61. 13.3 0.0330 0.47 1.00 1.38 56.0 10.0 284.2 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
19 11 8 312 3 -3.0 0.073 -9.000 -9.000 -999. 47. 11.7 0.0330 0.47 1.00 1.11 327.0 10.0 283.8 2.0 0
0.00 92. 1015. 10 ADJ-A1 NoSubs
19 11 8 312 4 -2.2 0.065 -9.000 -9.000 -999. 40. 11.7 0.0330 0.47 1.00 0.89 327.0 10.0 283.1 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 5 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0290 0.47 1.00 1.37 66.0 10.0 283.1 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 6 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0330 0.47 1.00 1.33 41.0 10.0 282.5 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 7 -3.2 0.074 -9.000 -9.000 -999. 48. 11.7 0.0300 0.47 1.00 1.16 96.0 10.0 282.5 2.0 0
0.00 92. 1017. 10 ADJ-A1 NoSubs
19 11 8 312 8 -5.3 0.111 -9.000 -9.000 -999. 89. 23.9 0.0340 0.47 0.42 1.72 132.0 10.0 282.5 2.0 0
0.00 96. 1017. 10 ADJ-A1 NoSubs
19 11 8 312 9 5.5 0.103 0.330 0.030 236. 79. -17.9 0.0300 0.47 0.26 1.28 98.0 10.0 282.5 2.0 0
0.00 96. 1017. 10 ADJ-A1 NoSubs
19 11 8 312 10 63.7 0.130 0.843 0.032 341. 113. -3.1 0.0330 0.47 0.21 1.30 318.0 10.0 285.4 2.0 0
0.00 80. 1017. 5 ADJ-A1 NoSubs
19 11 8 312 11 83.8 0.137 0.941 0.030 360. 121. -2.8 0.0340 0.47 0.19 1.33 132.0 10.0 289.2 2.0 0
0.00 59. 1016. 0 ADJ-A1 NoSubs
19 11 8 312 12 94.4 0.178 0.995 0.028 378. 180. -5.4 0.0370 0.47 0.19 1.86 177.0 10.0 292.5 2.0 0
0.00 51. 1016. 0 ADJ-A1 NoSubs
19 11 8 312 13 92.4 0.277 1.014 0.027 409. 350. -20.9 0.0290 0.47 0.19 3.52 250.0 10.0 291.4 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
19 11 8 312 14 79.1 0.299 0.988 0.025 441. 393. -30.7 0.0380 0.47 0.20 3.71 215.0 10.0 290.4 2.0 0
0.00 57. 1016. 0 ADJ-A1 NoSubs
19 11 8 312 15 54.6 0.259 0.885 0.025 460. 317. -28.8 0.0230 0.47 0.22 3.52 204.0 10.0 288.8 2.0 0
0.00 71. 1016. 0 ADJ-A1 NoSubs
19 11 8 312 16 21.9 0.265 0.654 0.024 463. 327. -77.0 0.0230 0.47 0.29 3.80 195.0 10.0 286.4 2.0 0
0.00 83. 1016. 7 ADJ-A1 NoSubs
19 11 8 312 17 -13.6 0.171 -9.000 -9.000 -999. 174. 33.5 0.0230 0.47 0.51 2.78 185.0 10.0 285.4 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 18 -6.9 0.108 -9.000 -9.000 -999. 87. 16.8 0.0370 0.47 1.00 1.69 155.0 10.0 285.4 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 19 -8.9 0.124 -9.000 -9.000 -999. 105. 19.2 0.0340 0.47 1.00 1.94 149.0 10.0 284.9 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 20 -3.5 0.077 -9.000 -9.000 -999. 51. 11.9 0.0290 0.47 1.00 1.23 65.0 10.0 284.9 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 21 -3.0 0.074 -9.000 -9.000 -999. 48. 12.0 0.0380 0.47 1.00 1.09 349.0 10.0 284.2 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 22 -3.6 0.079 -9.000 -9.000 -999. 53. 12.4 0.0380 0.47 1.00 1.20 348.0 10.0 283.8 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 23 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0330 0.47 1.00 1.16 304.0 10.0 283.1 2.0 0

0.00 96. 1016. 10 ADJ-A1 NoSubs
19 11 8 312 24 -3.0 0.072 -9.000 -9.000 -999. 46. 11.3 0.0260 0.47 1.00 1.14 284.0 10.0 283.1 2.0 0
0.00 92. 1016. 10 ADJ-A1 NoSubs
19 11 9 313 1 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0310 0.47 1.00 1.37 21.0 10.0 282.5 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 11 9 313 2 -6.1 0.101 -9.000 -9.000 -999. 78. 15.5 0.0330 0.47 1.00 1.62 31.0 10.0 282.5 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
19 11 9 313 3 -6.4 0.104 -9.000 -9.000 -999. 80. 15.7 0.0310 0.47 1.00 1.67 12.0 10.0 282.0 2.0 0
0.00 95. 1015. 10 ADJ-A1 NoSubs
19 11 9 313 4 -3.1 0.074 -9.000 -9.000 -999. 48. 11.7 0.0310 0.47 1.00 1.14 17.0 10.0 282.0 2.0 0
0.00 95. 1015. 10 ADJ-A1 NoSubs
19 11 9 313 5 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.47 1.00 0.96 228.0 10.0 282.0 2.0 0
0.00 95. 1015. 10 ADJ-A1 NoSubs
19 11 9 313 6 -2.0 0.064 -9.000 -9.000 -999. 39. 11.6 0.0300 0.47 1.00 0.86 100.0 10.0 282.0 2.0 0
0.00 95. 1015. 10 ADJ-A1 NoSubs
19 11 9 313 7 -2.2 0.065 -9.000 -9.000 -999. 40. 11.4 0.0290 0.47 1.00 0.92 71.0 10.0 282.0 2.0 0
0.00 95. 1015. 10 ADJ-A1 NoSubs
19 11 9 313 8 -1.6 0.060 -9.000 -9.000 -999. 35. 12.5 0.0370 0.47 0.42 0.92 163.0 10.0 282.0 2.0 0
0.00 95. 1015. 10 ADJ-A1 NoSubs
19 11 9 313 9 5.3 0.097 0.258 0.030 118. 73. -15.7 0.0230 0.47 0.26 1.26 183.0 10.0 282.5 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 11 9 313 10 62.8 0.174 0.826 0.035 325. 174. -7.6 0.0380 0.47 0.21 1.89 212.0 10.0 284.9 2.0 0
0.00 85. 1016. 5 ADJ-A1 NoSubs
19 11 9 313 11 82.9 0.158 0.923 0.033 344. 151. -4.3 0.0370 0.47 0.19 1.60 153.0 10.0 289.2 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
19 11 9 313 12 93.4 0.155 0.980 0.031 364. 147. -3.6 0.0340 0.47 0.19 1.57 145.0 10.0 292.0 2.0 0
0.00 51. 1014. 0 ADJ-A1 NoSubs
19 11 9 313 13 91.5 0.233 0.990 0.029 383. 270. -12.5 0.0230 0.47 0.19 2.96 189.0 10.0 291.4 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
19 11 9 313 14 79.2 0.208 0.977 0.028 426. 228. -10.3 0.0230 0.47 0.20 2.59 199.0 10.0 293.8 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
19 11 9 313 15 54.5 0.271 0.884 0.027 457. 338. -32.8 0.0230 0.47 0.22 3.71 190.0 10.0 291.4 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
19 11 9 313 16 20.8 0.233 0.645 0.027 465. 271. -54.9 0.0230 0.47 0.29 3.29 186.0 10.0 289.9 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
19 11 9 313 17 -13.6 0.191 -9.000 -9.000 -999. 200. 46.0 0.0230 0.47 0.52 3.07 186.0 10.0 287.0 2.0 0
0.00 80. 1013. 0 ADJ-A1 NoSubs
19 11 9 313 18 -17.3 0.176 -9.000 -9.000 -999. 177. 33.9 0.0370 0.47 1.00 2.64 161.0 10.0 285.4 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
19 11 9 313 19 -18.2 0.183 -9.000 -9.000 -999. 187. 36.7 0.0370 0.47 1.00 2.74 154.0 10.0 284.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 11 9 313 20 -9.4 0.127 -9.000 -9.000 -999. 109. 19.6 0.0300 0.47 1.00 2.03 107.0 10.0 284.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 11 9 313 21 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0330 0.47 1.00 1.06 50.0 10.0 284.9 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 11 9 313 22 -2.5 0.068 -9.000 -9.000 -999. 43. 11.5 0.0330 0.47 1.00 0.99 40.0 10.0 284.2 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
19 11 9 313 23 -2.7 0.070 -9.000 -9.000 -999. 45. 11.8 0.0380 0.47 1.00 1.01 351.0 10.0 284.2 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
19 11 9 313 24 -2.3 0.067 -9.000 -9.000 -999. 42. 11.8 0.0380 0.47 1.00 0.91 333.0 10.0 283.8 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 11 10 314 1 -3.7 0.079 -9.000 -9.000 -999. 53. 12.0 0.0260 0.47 1.00 1.30 289.0 10.0 283.1 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
19 11 10 314 2 -4.9 0.092 -9.000 -9.000 -999. 67. 14.2 0.0380 0.47 1.00 1.43 339.0 10.0 282.5 2.0 0

0.00 96. 1014. 10 ADJ-A1 NoSubs
19 11 10 314 3 -4.8 0.090 -9.000 -9.000 -999. 65. 13.6 0.0310 0.47 1.00 1.45 24.0 10.0 282.5 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
19 11 10 314 4 -6.3 0.103 -9.000 -9.000 -999. 79. 15.7 0.0330 0.47 1.00 1.64 35.0 10.0 282.0 2.0 0
0.00 95. 1013. 10 ADJ-A1 NoSubs
19 11 10 314 5 -4.1 0.084 -9.000 -9.000 -999. 58. 12.9 0.0330 0.47 1.00 1.33 37.0 10.0 282.0 2.0 0
0.00 95. 1013. 10 ADJ-A1 NoSubs
19 11 10 314 6 -4.3 0.085 -9.000 -9.000 -999. 59. 13.0 0.0330 0.47 1.00 1.35 32.0 10.0 281.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 11 10 314 7 -3.9 0.081 -9.000 -9.000 -999. 55. 12.5 0.0330 0.47 1.00 1.28 315.0 10.0 280.9 2.0 0
0.00 95. 1013. 10 ADJ-A1 NoSubs
19 11 10 314 8 -2.6 0.076 -9.000 -9.000 -999. 50. 15.0 0.0380 0.47 0.43 1.18 338.0 10.0 280.9 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
19 11 10 314 9 27.9 0.140 0.646 0.031 349. 125. -8.8 0.0260 0.47 0.27 1.67 275.0 10.0 282.0 2.0 0
0.00 95. 1013. 7 ADJ-A1 NoSubs
19 11 10 314 10 62.0 0.165 0.852 0.030 360. 161. -6.6 0.0380 0.47 0.21 1.76 234.0 10.0 285.4 2.0 0
0.00 82. 1013. 5 ADJ-A1 NoSubs
19 11 10 314 11 81.7 0.209 0.947 0.029 375. 230. -10.2 0.0380 0.47 0.19 2.35 215.0 10.0 288.1 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
19 11 10 314 12 92.2 0.192 0.995 0.027 386. 202. -6.9 0.0230 0.47 0.19 2.30 197.0 10.0 290.9 2.0 0
0.00 59. 1012. 0 ADJ-A1 NoSubs
19 11 10 314 13 91.1 0.196 0.997 0.025 392. 208. -7.4 0.0370 0.47 0.19 2.13 161.0 10.0 293.1 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 11 10 314 14 77.8 0.292 0.949 0.023 396. 379. -29.0 0.0380 0.47 0.20 3.61 214.0 10.0 292.0 2.0 0
0.00 55. 1010. 0 ADJ-A1 NoSubs
19 11 10 314 15 53.7 0.238 0.842 0.022 400. 279. -22.6 0.0380 0.47 0.22 2.88 230.0 10.0 291.4 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
19 11 10 314 16 20.1 0.202 0.607 0.022 401. 218. -36.9 0.0230 0.47 0.30 2.79 196.0 10.0 289.9 2.0 0
0.00 59. 1010. 0 ADJ-A1 NoSubs
19 11 10 314 17 -12.3 0.169 -9.000 -9.000 -999. 167. 35.3 0.0230 0.47 0.52 2.74 183.0 10.0 287.0 2.0 0
0.00 80. 1010. 0 ADJ-A1 NoSubs
19 11 10 314 18 -17.7 0.178 -9.000 -9.000 -999. 180. 34.9 0.0230 0.47 1.00 2.90 201.0 10.0 284.9 2.0 0
0.00 96. 1011. 7 ADJ-A1 NoSubs
19 11 10 314 19 -6.8 0.108 -9.000 -9.000 -999. 87. 16.8 0.0370 0.47 1.00 1.69 166.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 10 314 20 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0300 0.47 1.00 1.48 104.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 10 314 21 -2.9 0.071 -9.000 -9.000 -999. 46. 11.5 0.0310 0.47 1.00 1.09 23.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 10 314 22 -3.2 0.075 -9.000 -9.000 -999. 49. 11.9 0.0330 0.47 1.00 1.16 323.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 10 314 23 -1.9 0.063 -9.000 -9.000 -999. 38. 11.4 0.0260 0.47 1.00 0.86 298.0 10.0 283.1 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 10 314 24 -2.2 0.066 -9.000 -9.000 -999. 40. 11.5 0.0310 0.47 1.00 0.92 20.0 10.0 283.1 2.0 0
0.00 100. 1011. 10 ADJ-A1 NoSubs
19 11 11 315 1 -2.9 0.071 -9.000 -9.000 -999. 46. 11.3 0.0260 0.47 1.00 1.13 280.0 10.0 283.1 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 11 315 2 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.47 1.00 1.21 23.0 10.0 282.5 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 11 315 3 -2.8 0.071 -9.000 -9.000 -999. 45. 11.2 0.0260 0.47 1.00 1.11 297.0 10.0 281.4 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 11 315 4 -4.9 0.091 -9.000 -9.000 -999. 66. 13.8 0.0330 0.47 1.00 1.45 329.0 10.0 280.9 2.0 0
0.00 95. 1010. 10 ADJ-A1 NoSubs
19 11 11 315 5 -3.3 0.076 -9.000 -9.000 -999. 51. 11.9 0.0330 0.47 1.00 1.18 325.0 10.0 279.2 2.0 0

0.00 96. 1011. 0 ADJ-A1 NoSubs
19 11 11 315 6 -4.9 0.091 -9.000 -9.000 -999. 66. 14.0 0.0380 0.47 1.00 1.42 356.0 10.0 279.2 2.0 0
0.00 96. 1011. 0 ADJ-A1 NoSubs
19 11 11 315 7 -5.0 0.092 -9.000 -9.000 -999. 67. 14.1 0.0380 0.47 1.00 1.43 348.0 10.0 280.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 11 11 315 8 -1.3 0.060 -9.000 -9.000 -999. 36. 14.8 0.0380 0.47 0.44 0.94 354.0 10.0 283.1 2.0 0
0.00 86. 1012. 0 ADJ-A1 NoSubs
19 11 11 315 9 28.7 0.086 0.427 0.026 98. 60. -2.0 0.0290 0.47 0.27 0.82 242.0 10.0 286.4 2.0 0
0.00 71. 1012. 0 ADJ-A1 NoSubs
19 11 11 315 10 60.6 0.127 0.637 0.022 154. 108. -3.0 0.0340 0.47 0.21 1.25 125.0 10.0 290.9 2.0 0
0.00 53. 1012. 0 ADJ-A1 NoSubs
19 11 11 315 11 82.4 0.152 0.766 0.019 197. 142. -3.9 0.0370 0.47 0.19 1.52 155.0 10.0 294.2 2.0 0
0.00 41. 1012. 0 ADJ-A1 NoSubs
19 11 11 315 12 93.6 0.147 0.850 0.016 237. 135. -3.1 0.0340 0.47 0.19 1.45 147.0 10.0 298.1 2.0 0
0.00 31. 1011. 0 ADJ-A1 NoSubs
19 11 11 315 13 92.4 0.151 0.885 0.014 270. 141. -3.4 0.0230 0.47 0.19 1.65 193.0 10.0 299.2 2.0 0
0.00 29. 1010. 0 ADJ-A1 NoSubs
19 11 11 315 14 79.0 0.190 0.868 0.012 298. 199. -7.9 0.0290 0.47 0.20 2.20 247.0 10.0 298.1 2.0 0
0.00 33. 1010. 0 ADJ-A1 Sub_TT
19 11 11 315 15 54.7 0.290 0.783 0.010 316. 374. -40.0 0.0290 0.47 0.22 3.85 256.0 10.0 297.0 2.0 0
0.00 31. 1010. 0 ADJ-A1 NoSubs
19 11 11 315 16 20.9 0.245 0.571 0.011 321. 292. -63.8 0.0380 0.47 0.30 3.18 229.0 10.0 294.9 2.0 0
0.00 38. 1011. 0 ADJ-A1 NoSubs
19 11 11 315 17 -16.3 0.219 -9.000 -9.000 -999. 246. 58.2 0.0230 0.47 0.53 3.51 193.0 10.0 287.5 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
19 11 11 315 18 -13.4 0.151 -9.000 -9.000 -999. 142. 25.2 0.0230 0.47 1.00 2.49 204.0 10.0 285.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 11 11 315 19 -9.4 0.126 -9.000 -9.000 -999. 107. 19.1 0.0230 0.47 1.00 2.10 197.0 10.0 285.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 11 11 315 20 -2.4 0.066 -9.000 -9.000 -999. 42. 11.1 0.0260 0.47 1.00 0.99 278.0 10.0 285.9 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 11 11 315 21 -2.5 0.068 -9.000 -9.000 -999. 43. 11.4 0.0310 0.47 1.00 1.01 19.0 10.0 285.4 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 11 11 315 22 -2.4 0.067 -9.000 -9.000 -999. 42. 11.5 0.0330 0.47 1.00 0.96 37.0 10.0 285.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 11 11 315 23 -1.8 0.062 -9.000 -9.000 -999. 37. 11.6 0.0260 0.47 1.00 0.82 286.0 10.0 284.9 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 11 11 315 24 -1.7 0.062 -9.000 -9.000 -999. 37. 12.4 0.0330 0.47 1.00 0.75 312.0 10.0 284.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 11 12 316 1 -1.9 0.063 -9.000 -9.000 -999. 38. 12.1 0.0330 0.47 1.00 0.80 306.0 10.0 284.2 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 11 12 316 2 -5.8 0.100 -9.000 -9.000 -999. 75. 15.4 0.0380 0.47 1.00 1.55 342.0 10.0 283.1 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
19 11 12 316 3 -3.6 0.079 -9.000 -9.000 -999. 53. 12.4 0.0380 0.47 1.00 1.20 359.0 10.0 282.0 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 11 12 316 4 -5.2 0.094 -9.000 -9.000 -999. 70. 14.5 0.0380 0.47 1.00 1.47 350.0 10.0 281.4 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 11 12 316 5 -2.4 0.068 -9.000 -9.000 -999. 43. 11.8 0.0380 0.47 1.00 0.94 357.0 10.0 281.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 11 12 316 6 -5.3 0.095 -9.000 -9.000 -999. 70. 14.6 0.0380 0.47 1.00 1.48 348.0 10.0 281.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 11 12 316 7 -5.6 0.098 -9.000 -9.000 -999. 73. 15.0 0.0380 0.47 1.00 1.52 331.0 10.0 281.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 11 12 316 8 -1.4 0.061 -9.000 -9.000 -999. 36. 14.2 0.0330 0.47 0.44 0.97 328.0 10.0 283.8 2.0 0

0.00 85. 1013. 0 ADJ-A1 NoSubs
19 11 12 316 9 27.9 0.086 0.373 0.022 67. 60. -2.0 0.0330 0.47 0.27 0.80 323.0 10.0 287.0 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
19 11 12 316 10 59.6 0.109 0.645 0.019 162. 86. -1.9 0.0300 0.47 0.21 1.03 118.0 10.0 290.9 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
19 11 12 316 11 81.5 0.140 0.813 0.017 238. 126. -3.0 0.0300 0.47 0.19 1.42 106.0 10.0 294.2 2.0 0
0.00 38. 1013. 0 ADJ-A1 NoSubs
19 11 12 316 12 92.1 0.149 0.892 0.014 279. 138. -3.2 0.0370 0.47 0.19 1.45 168.0 10.0 296.4 2.0 0
0.00 33. 1012. 0 ADJ-A1 NoSubs
19 11 12 316 13 89.8 0.271 0.916 0.011 308. 339. -20.1 0.0230 0.47 0.19 3.59 181.0 10.0 294.2 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
19 11 12 316 14 76.0 0.362 0.897 0.008 343. 522. -56.3 0.0380 0.47 0.20 4.66 217.0 10.0 291.4 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 11 12 316 15 51.8 0.297 0.807 0.009 365. 391. -45.6 0.0380 0.47 0.22 3.78 226.0 10.0 290.4 2.0 0
0.00 64. 1011. 0 ADJ-A1 NoSubs
19 11 12 316 16 18.4 0.249 0.575 0.010 372. 298. -75.1 0.0380 0.47 0.30 3.25 222.0 10.0 288.8 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
19 11 12 316 17 -14.8 0.192 -9.000 -9.000 -999. 203. 43.0 0.0380 0.47 0.53 2.84 215.0 10.0 284.9 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 11 12 316 18 -7.8 0.115 -9.000 -9.000 -999. 95. 17.5 0.0290 0.47 1.00 1.86 250.0 10.0 284.2 2.0 0
0.00 92. 1011. 7 ADJ-A1 NoSubs
19 11 12 316 19 -3.3 0.076 -9.000 -9.000 -999. 50. 11.8 0.0290 0.47 1.00 1.21 268.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 12 316 20 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0310 0.47 1.00 1.06 8.0 10.0 284.9 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 12 316 21 -4.0 0.083 -9.000 -9.000 -999. 57. 13.0 0.0380 0.47 1.00 1.28 338.0 10.0 284.2 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 12 316 22 -3.9 0.081 -9.000 -9.000 -999. 55. 12.2 0.0260 0.47 1.00 1.33 283.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 11 12 316 23 -3.8 0.080 -9.000 -9.000 -999. 55. 12.3 0.0290 0.47 1.00 1.30 263.0 10.0 283.8 2.0 0
0.00 96. 1012. 10 ADJ-A1 NoSubs
19 11 12 316 24 -2.2 0.066 -9.000 -9.000 -999. 41. 11.6 0.0330 0.47 1.00 0.92 50.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 1 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.47 1.00 1.08 323.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 2 -3.0 0.073 -9.000 -9.000 -999. 47. 11.6 0.0310 0.47 1.00 1.13 27.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 3 -4.3 0.086 -9.000 -9.000 -999. 60. 13.1 0.0310 0.47 1.00 1.38 13.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 4 -6.3 0.104 -9.000 -9.000 -999. 81. 16.1 0.0380 0.47 1.00 1.62 353.0 10.0 283.8 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 11 13 317 5 -4.3 0.086 -9.000 -9.000 -999. 60. 13.1 0.0310 0.47 1.00 1.38 7.0 10.0 283.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 11 13 317 6 -5.3 0.094 -9.000 -9.000 -999. 69. 14.3 0.0310 0.47 1.00 1.52 10.0 10.0 283.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 11 13 317 7 -3.4 0.077 -9.000 -9.000 -999. 51. 12.0 0.0310 0.47 1.00 1.21 2.0 10.0 283.1 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
19 11 13 317 8 -1.2 0.053 -9.000 -9.000 -999. 29. 11.1 0.0260 0.47 0.45 0.80 285.0 10.0 283.8 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 9 4.7 0.092 0.198 0.023 59. 67. -14.8 0.0290 0.47 0.27 1.13 254.0 10.0 284.2 2.0 0
0.00 92. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 10 12.6 0.095 0.303 0.023 79. 71. -6.2 0.0230 0.47 0.22 1.13 180.0 10.0 285.4 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 11 78.8 0.153 0.691 0.018 151. 143. -4.1 0.0230 0.47 0.19 1.71 195.0 10.0 287.5 2.0 0

0.00 77. 1011. 0 ADJ-A1 NoSubs
19 11 13 317 12 88.7 0.322 0.831 0.011 233. 438. -33.9 0.0380 0.47 0.19 4.02 226.0 10.0 287.5 2.0 0
0.00 71. 1011. 0 ADJ-A1 NoSubs
19 11 13 317 13 87.1 0.276 0.881 0.012 282. 348. -21.6 0.0290 0.47 0.19 3.51 241.0 10.0 287.5 2.0 0
0.00 71. 1010. 0 ADJ-A1 NoSubs
19 11 13 317 14 75.0 0.265 0.867 0.013 312. 327. -22.2 0.0380 0.47 0.20 3.20 238.0 10.0 287.5 2.0 0
0.00 74. 1010. 5 ADJ-A1 NoSubs
19 11 13 317 15 10.9 0.262 0.458 0.013 316. 321. -147.9 0.0290 0.47 0.23 3.69 243.0 10.0 286.4 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 11 13 317 16 2.7 0.243 0.288 0.013 317. 288. -480.8 0.0290 0.47 0.30 3.51 261.0 10.0 286.4 2.0 0
0.00 80. 1010. 10 ADJ-A1 NoSubs
19 11 13 317 17 -15.0 0.178 -9.000 -9.000 -999. 182. 34.9 0.0260 0.47 0.54 2.83 281.0 10.0 285.9 2.0 0
0.00 82. 1010. 10 ADJ-A1 NoSubs
19 11 13 317 18 -10.0 0.130 -9.000 -9.000 -999. 113. 20.0 0.0260 0.47 1.00 2.13 273.0 10.0 285.9 2.0 0
0.00 82. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 19 -7.6 0.113 -9.000 -9.000 -999. 92. 17.2 0.0260 0.47 1.00 1.87 276.0 10.0 285.9 2.0 0
0.00 79. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 20 -5.3 0.095 -9.000 -9.000 -999. 70. 14.6 0.0330 0.47 1.00 1.52 318.0 10.0 285.9 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
19 11 13 317 21 -4.9 0.092 -9.000 -9.000 -999. 67. 14.3 0.0380 0.47 1.00 1.43 344.0 10.0 286.4 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 22 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.47 1.00 1.48 327.0 10.0 286.4 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
19 11 13 317 23 -3.9 0.082 -9.000 -9.000 -999. 56. 12.7 0.0330 0.47 1.00 1.30 308.0 10.0 286.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
19 11 13 317 24 -2.9 0.073 -9.000 -9.000 -999. 47. 11.9 0.0380 0.47 1.00 1.08 330.0 10.0 286.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
19 11 14 318 1 -2.7 0.071 -9.000 -9.000 -999. 45. 11.8 0.0380 0.47 1.00 1.03 336.0 10.0 286.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
19 11 14 318 2 -2.5 0.069 -9.000 -9.000 -999. 43. 11.8 0.0380 0.47 1.00 0.97 347.0 10.0 286.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
19 11 14 318 3 -3.3 0.077 -9.000 -9.000 -999. 51. 12.3 0.0380 0.47 1.00 1.16 332.0 10.0 286.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
19 11 14 318 4 -2.1 0.065 -9.000 -9.000 -999. 40. 12.0 0.0380 0.47 1.00 0.86 347.0 10.0 286.4 2.0 0
0.00 80. 1012. 10 ADJ-A1 NoSubs
19 11 14 318 5 -2.6 0.069 -9.000 -9.000 -999. 43. 11.5 0.0330 0.47 1.00 1.01 313.0 10.0 285.4 2.0 0
0.00 86. 1012. 10 ADJ-A1 NoSubs
19 11 14 318 6 -1.8 0.062 -9.000 -9.000 -999. 37. 12.1 0.0330 0.47 1.00 0.79 34.0 10.0 285.9 2.0 0
0.00 82. 1012. 10 ADJ-A1 NoSubs
19 11 14 318 7 -3.4 0.077 -9.000 -9.000 -999. 51. 11.9 0.0290 0.47 1.00 1.23 82.0 10.0 285.4 2.0 0
0.00 82. 1012. 10 ADJ-A1 NoSubs
19 11 14 318 8 -2.0 0.067 -9.000 -9.000 -999. 41. 13.1 0.0380 0.47 0.45 1.03 216.0 10.0 285.9 2.0 0
0.00 82. 1013. 10 ADJ-A1 NoSubs
19 11 14 318 9 5.1 0.112 0.193 0.005 51. 90. -24.5 0.0370 0.47 0.28 1.37 157.0 10.0 287.5 2.0 0
0.00 74. 1014. 10 ADJ-A1 NoSubs
19 11 14 318 10 13.2 0.136 0.401 0.005 175. 121. -17.3 0.0300 0.47 0.22 1.69 103.0 10.0 289.2 2.0 0
0.00 66. 1014. 10 ADJ-A1 NoSubs
19 11 14 318 11 18.6 0.112 0.523 0.005 278. 90. -6.8 0.0340 0.47 0.20 1.23 127.0 10.0 289.9 2.0 0
0.00 64. 1014. 10 ADJ-A1 NoSubs
19 11 14 318 12 21.2 0.143 0.596 0.009 360. 130. -12.5 0.0380 0.47 0.19 1.64 214.0 10.0 290.4 2.0 0
0.00 62. 1013. 10 ADJ-A1 NoSubs
19 11 14 318 13 20.7 0.242 0.625 0.016 425. 286. -62.1 0.0290 0.47 0.19 3.30 267.0 10.0 289.9 2.0 0
0.00 61. 1014. 10 ADJ-A1 NoSubs
19 11 14 318 14 17.3 0.227 0.610 0.018 473. 259. -61.0 0.0260 0.47 0.20 3.15 282.0 10.0 289.2 2.0 0

0.00 69. 1014. 10 ADJ-A1 NoSubs
19 11 14 318 15 11.3 0.224 0.538 0.018 501. 255. -90.7 0.0260 0.47 0.23 3.17 270.0 10.0 288.8 2.0 0
0.00 77. 1014. 10 ADJ-A1 NoSubs
19 11 14 318 16 3.2 0.136 0.355 0.018 509. 123. -72.0 0.0290 0.47 0.31 1.87 262.0 10.0 289.2 2.0 0
0.00 77. 1014. 10 ADJ-A1 NoSubs
19 11 14 318 17 -8.9 0.131 -9.000 -9.000 -999. 114. 22.7 0.0380 0.47 0.54 1.99 239.0 10.0 288.1 2.0 0
0.00 80. 1013. 10 ADJ-A1 NoSubs
19 11 14 318 18 -4.1 0.083 -9.000 -9.000 -999. 58. 12.6 0.0260 0.47 1.00 1.38 277.0 10.0 287.5 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
19 11 14 318 19 -2.1 0.064 -9.000 -9.000 -999. 39. 11.2 0.0260 0.47 1.00 0.91 286.0 10.0 286.4 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
19 11 14 318 20 -4.0 0.082 -9.000 -9.000 -999. 56. 12.6 0.0290 0.47 1.00 1.33 267.0 10.0 286.4 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
19 11 14 318 21 -1.7 0.062 -9.000 -9.000 -999. 37. 12.6 0.0380 0.47 1.00 0.75 351.0 10.0 287.0 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
19 11 14 318 22 -3.0 0.073 -9.000 -9.000 -999. 47. 11.7 0.0330 0.47 1.00 1.11 52.0 10.0 287.0 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
19 11 14 318 23 -3.7 0.079 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.25 315.0 10.0 286.4 2.0 0
0.00 86. 1015. 10 ADJ-A1 NoSubs
19 11 14 318 24 -1.9 0.064 -9.000 -9.000 -999. 38. 12.3 0.0380 0.47 1.00 0.80 330.0 10.0 287.0 2.0 0
0.00 86. 1016. 10 ADJ-A1 NoSubs
19 11 15 319 1 -4.5 0.088 -9.000 -9.000 -999. 62. 13.4 0.0300 0.47 1.00 1.42 92.0 10.0 286.4 2.0 0
0.00 89. 1016. 10 ADJ-A1 NoSubs
19 11 15 319 2 -3.1 0.073 -9.000 -9.000 -999. 48. 11.4 0.0260 0.47 1.00 1.18 282.0 10.0 286.4 2.0 0
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19 11 15 319 3 -8.5 0.120 -9.000 -9.000 -999. 100. 18.5 0.0290 0.47 1.00 1.94 262.0 10.0 287.0 2.0 0
0.00 86. 1016. 10 ADJ-A1 NoSubs
19 11 15 319 4 -4.5 0.088 -9.000 -9.000 -999. 62. 13.5 0.0330 0.47 1.00 1.40 322.0 10.0 287.0 2.0 0
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19 11 15 319 5 -2.9 0.072 -9.000 -9.000 -999. 46. 11.6 0.0330 0.47 1.00 1.08 33.0 10.0 285.4 2.0 0
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19 11 15 319 6 -3.1 0.074 -9.000 -9.000 -999. 49. 12.0 0.0380 0.47 1.00 1.11 349.0 10.0 283.1 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
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19 11 15 319 9 29.7 0.130 0.810 0.005 649. 112. -6.6 0.0290 0.47 0.28 1.47 266.0 10.0 287.5 2.0 0
0.00 80. 1017. 5 ADJ-A1 NoSubs
19 11 15 319 10 56.6 0.165 1.033 0.005 706. 161. -7.2 0.0370 0.47 0.22 1.79 177.0 10.0 289.9 2.0 0
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19 11 15 319 11 81.4 0.207 1.205 0.007 781. 226. -9.9 0.0230 0.47 0.20 2.57 187.0 10.0 291.4 2.0 0
0.00 65. 1017. 3 ADJ-A1 NoSubs
19 11 15 319 12 88.1 0.230 1.280 0.009 863. 265. -12.5 0.0290 0.47 0.19 2.79 246.0 10.0 292.0 2.0 0
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19 11 15 319 13 86.6 0.319 1.313 0.011 948. 432. -33.9 0.0380 0.47 0.19 3.98 222.0 10.0 292.0 2.0 0
0.00 58. 1015. 0 ADJ-A1 NoSubs
19 11 15 319 14 73.6 0.311 1.272 0.014 1013. 417. -37.1 0.0380 0.47 0.20 3.91 227.0 10.0 291.4 2.0 0
0.00 65. 1015. 0 ADJ-A1 NoSubs
19 11 15 319 15 49.8 0.255 1.132 0.015 1055. 310. -30.0 0.0230 0.47 0.23 3.47 205.0 10.0 290.9 2.0 0
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19 11 15 319 16 16.8 0.191 0.791 0.015 1067. 202. -37.5 0.0230 0.47 0.31 2.64 180.0 10.0 289.9 2.0 0
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19 11 15 319 17 -9.0 0.132 -9.000 -9.000 -999. 116. 23.1 0.0300 0.47 0.55 2.08 117.0 10.0 288.8 2.0 0

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19 11 15 319 18 -4.0 0.082 -9.000 -9.000 -999. 57. 12.6 0.0290 0.47 1.00 1.33 81.0 10.0 288.1 2.0 0
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19 11 15 319 19 -3.3 0.076 -9.000 -9.000 -999. 50. 12.0 0.0310 0.47 1.00 1.20 25.0 10.0 287.0 2.0 0
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19 11 15 319 20 -3.5 0.077 -9.000 -9.000 -999. 51. 11.8 0.0260 0.47 1.00 1.26 290.0 10.0 285.9 2.0 0
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19 11 15 319 21 -5.4 0.096 -9.000 -9.000 -999. 72. 14.9 0.0380 0.47 1.00 1.50 335.0 10.0 284.9 2.0 0
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19 11 15 319 22 -10.7 0.136 -9.000 -9.000 -999. 121. 21.5 0.0380 0.47 1.00 2.08 344.0 10.0 284.2 2.0 0
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19 11 15 319 23 -12.8 0.150 -9.000 -9.000 -999. 139. 24.7 0.0380 0.47 1.00 2.27 337.0 10.0 284.2 2.0 0
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19 11 15 319 24 -9.6 0.129 -9.000 -9.000 -999. 112. 20.3 0.0380 0.47 1.00 1.98 339.0 10.0 283.8 2.0 0
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19 11 16 320 1 -6.8 0.108 -9.000 -9.000 -999. 85. 16.6 0.0380 0.47 1.00 1.67 353.0 10.0 283.1 2.0 0
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19 11 16 320 2 -10.2 0.133 -9.000 -9.000 -999. 116. 20.9 0.0380 0.47 1.00 2.03 343.0 10.0 283.1 2.0 0
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19 11 16 320 3 -10.9 0.138 -9.000 -9.000 -999. 123. 21.7 0.0380 0.47 1.00 2.10 333.0 10.0 283.1 2.0 0
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19 11 16 320 4 -8.1 0.118 -9.000 -9.000 -999. 97. 18.3 0.0380 0.47 1.00 1.82 339.0 10.0 282.5 2.0 0
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19 11 16 320 5 -6.7 0.106 -9.000 -9.000 -999. 83. 16.2 0.0330 0.47 1.00 1.69 324.0 10.0 282.5 2.0 0
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19 11 16 320 6 -6.3 0.103 -9.000 -9.000 -999. 80. 15.8 0.0330 0.47 1.00 1.65 319.0 10.0 282.0 2.0 0
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19 11 16 320 7 -5.2 0.094 -9.000 -9.000 -999. 69. 14.3 0.0330 0.47 1.00 1.50 318.0 10.0 282.0 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
19 11 16 320 8 -4.3 0.099 -9.000 -9.000 -999. 75. 20.7 0.0260 0.47 0.46 1.62 287.0 10.0 284.2 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
19 11 16 320 9 24.3 0.129 0.565 0.016 269. 111. -8.0 0.0370 0.47 0.28 1.42 165.0 10.0 286.4 2.0 0
0.00 86. 1015. 0 ADJ-A1 NoSubs
19 11 16 320 10 55.8 0.235 0.812 0.016 348. 273. -21.0 0.0340 0.47 0.22 2.89 122.0 10.0 289.9 2.0 0
0.00 72. 1015. 0 ADJ-A1 NoSubs
19 11 16 320 11 77.3 0.164 0.929 0.015 375. 161. -5.2 0.0340 0.47 0.20 1.74 144.0 10.0 292.0 2.0 0
0.00 62. 1015. 0 ADJ-A1 NoSubs
19 11 16 320 12 87.9 0.147 1.005 0.014 417. 135. -3.2 0.0370 0.47 0.19 1.43 161.0 10.0 294.2 2.0 0
0.00 52. 1014. 0 ADJ-A1 NoSubs
19 11 16 320 13 86.8 0.162 1.042 0.014 471. 157. -4.4 0.0230 0.47 0.19 1.84 190.0 10.0 295.4 2.0 0
0.00 47. 1013. 0 ADJ-A1 NoSubs
19 11 16 320 14 74.4 0.141 1.019 0.015 513. 127. -3.4 0.0230 0.47 0.20 1.54 204.0 10.0 296.4 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
19 11 16 320 15 50.8 0.182 0.913 0.015 540. 186. -10.7 0.0380 0.47 0.23 2.05 212.0 10.0 296.4 2.0 0
0.00 45. 1012. 0 ADJ-A1 NoSubs
19 11 16 320 16 17.5 0.211 0.642 0.015 547. 232. -48.4 0.0260 0.47 0.31 2.89 282.0 10.0 294.2 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
19 11 16 320 17 -6.3 0.110 -9.000 -9.000 -999. 92. 18.9 0.0290 0.47 0.55 1.77 250.0 10.0 290.4 2.0 0
0.00 69. 1012. 0 ADJ-A1 NoSubs
19 11 16 320 18 -9.8 0.131 -9.000 -9.000 -999. 113. 20.6 0.0370 0.47 1.00 2.01 158.0 10.0 287.0 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
19 11 16 320 19 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 203.0 10.0 284.2 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 11 16 320 20 -15.2 0.164 -9.000 -9.000 -999. 160. 29.7 0.0380 0.47 1.00 2.47 214.0 10.0 284.2 2.0 0

0.00 92. 1013. 10 ADJ-A1 NoSubs
19 11 16 320 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 284.2 2.0
0 0.00 92. 1013. 0 ADJ-SFC NoSubs
19 11 16 320 22 -3.6 0.079 -9.000 -9.000 -999. 54. 12.5 0.0380 0.47 1.00 1.21 343.0 10.0 282.5 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 11 16 320 23 -2.2 0.066 -9.000 -9.000 -999. 41. 12.0 0.0380 0.47 1.00 0.87 355.0 10.0 282.5 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 11 16 320 24 -4.4 0.087 -9.000 -9.000 -999. 62. 13.5 0.0380 0.47 1.00 1.35 340.0 10.0 283.8 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 1 -2.9 0.072 -9.000 -9.000 -999. 47. 11.9 0.0380 0.47 1.00 1.06 336.0 10.0 283.1 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 2 -7.9 0.116 -9.000 -9.000 -999. 95. 17.9 0.0330 0.47 1.00 1.84 315.0 10.0 283.1 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 3 -4.8 0.090 -9.000 -9.000 -999. 64. 13.7 0.0330 0.47 1.00 1.43 312.0 10.0 282.5 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 4 -4.3 0.085 -9.000 -9.000 -999. 59. 13.0 0.0330 0.47 1.00 1.35 300.0 10.0 282.0 2.0 0
0.00 89. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 5 -9.4 0.128 -9.000 -9.000 -999. 110. 20.0 0.0380 0.47 1.00 1.96 330.0 10.0 282.5 2.0 0
0.00 86. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 6 -4.5 0.086 -9.000 -9.000 -999. 61. 12.9 0.0260 0.47 1.00 1.43 289.0 10.0 282.0 2.0 0
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19 11 17 321 7 -4.7 0.089 -9.000 -9.000 -999. 64. 13.6 0.0330 0.47 1.00 1.42 324.0 10.0 282.0 2.0 0
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19 11 17 321 8 -2.9 0.081 -9.000 -9.000 -999. 56. 16.6 0.0310 0.47 0.47 1.31 2.0 10.0 285.4 2.0 0
0.00 74. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 9 24.1 0.115 0.354 0.017 66. 93. -5.7 0.0310 0.47 0.28 1.26 23.0 10.0 289.2 2.0 0
0.00 59. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 10 56.1 0.130 0.597 0.014 137. 113. -3.6 0.0380 0.47 0.22 1.28 358.0 10.0 294.2 2.0 0
0.00 46. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 11 77.9 0.197 0.752 0.011 197. 210. -8.9 0.0340 0.47 0.20 2.23 132.0 10.0 296.4 2.0 0
0.00 37. 1013. 0 ADJ-A1 NoSubs
19 11 17 321 12 88.9 0.175 0.851 0.009 250. 176. -5.5 0.0290 0.47 0.19 1.94 60.0 10.0 299.2 2.0 0
0.00 30. 1012. 0 ADJ-A1 NoSubs
19 11 17 321 13 88.2 0.219 0.895 0.007 293. 247. -10.8 0.0290 0.47 0.19 2.62 76.0 10.0 300.9 2.0 0
0.00 27. 1011. 0 ADJ-A1 NoSubs
19 11 17 321 14 75.7 0.284 1.012 0.012 493. 363. -27.2 0.0290 0.47 0.20 3.68 87.0 10.0 301.4 2.0 0
0.00 29. 1010. 0 ADJ-A1 NoSubs
19 11 17 321 15 51.4 0.244 0.918 0.012 541. 289. -25.3 0.0300 0.47 0.23 3.12 115.0 10.0 299.9 2.0 0
0.00 33. 1009. 0 ADJ-A1 NoSubs
19 11 17 321 16 18.9 0.115 0.665 0.012 559. 105. -7.2 0.0230 0.47 0.31 1.38 180.0 10.0 299.9 2.0 0
0.00 31. 1009. 0 ADJ-A1 NoSubs
19 11 17 321 17 -16.3 0.213 -9.000 -9.000 -999. 236. 53.3 0.0290 0.47 0.56 3.29 81.0 10.0 296.4 2.0 0
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19 11 17 321 19 -5.7 0.099 -9.000 -9.000 -999. 76. 15.3 0.0310 0.47 1.00 1.60 27.0 10.0 292.5 2.0 0
0.00 50. 1010. 0 ADJ-A1 NoSubs
19 11 17 321 20 -8.6 0.122 -9.000 -9.000 -999. 103. 19.2 0.0330 0.47 1.00 1.93 329.0 10.0 290.4 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
19 11 17 321 21 -10.3 0.134 -9.000 -9.000 -999. 118. 21.2 0.0330 0.47 1.00 2.10 312.0 10.0 289.9 2.0 0
0.00 57. 1010. 0 ADJ-A1 NoSubs
19 11 17 321 22 -10.9 0.138 -9.000 -9.000 -999. 123. 21.7 0.0330 0.47 1.00 2.15 328.0 10.0 287.5 2.0 0
0.00 64. 1010. 0 ADJ-A1 NoSubs
19 11 17 321 23 -9.0 0.126 -9.000 -9.000 -999. 107. 19.8 0.0380 0.47 1.00 1.93 347.0 10.0 287.5 2.0 0

0.00 61. 1010. 0 ADJ-A1 NoSubs
19 11 17 321 24 -4.2 0.085 -9.000 -9.000 -999. 60. 13.1 0.0310 0.47 1.00 1.37 11.0 10.0 287.5 2.0 0
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19 11 18 322 1 -11.5 0.142 -9.000 -9.000 -999. 128. 22.3 0.0330 0.47 1.00 2.21 327.0 10.0 285.9 2.0 0
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19 11 18 322 2 -4.0 0.083 -9.000 -9.000 -999. 58. 12.8 0.0330 0.47 1.00 1.31 304.0 10.0 285.9 2.0 0
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19 11 18 322 3 -8.2 0.119 -9.000 -9.000 -999. 99. 18.6 0.0380 0.47 1.00 1.84 340.0 10.0 284.2 2.0 0
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19 11 18 322 4 -7.6 0.114 -9.000 -9.000 -999. 93. 17.5 0.0330 0.47 1.00 1.81 322.0 10.0 282.5 2.0 0
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19 11 18 322 5 -3.8 0.081 -9.000 -9.000 -999. 55. 12.5 0.0330 0.47 1.00 1.28 303.0 10.0 283.8 2.0 0
0.00 70. 1009. 0 ADJ-A1 NoSubs
19 11 18 322 6 -4.7 0.088 -9.000 -9.000 -999. 63. 13.3 0.0260 0.47 1.00 1.47 289.0 10.0 283.8 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
19 11 18 322 7 -2.1 0.064 -9.000 -9.000 -999. 39. 11.3 0.0260 0.47 1.00 0.91 289.0 10.0 282.5 2.0 0
0.00 73. 1009. 0 ADJ-A1 NoSubs
19 11 18 322 8 -2.5 0.074 -9.000 -9.000 -999. 48. 14.4 0.0260 0.47 0.48 1.23 276.0 10.0 285.4 2.0 0
0.00 68. 1009. 0 ADJ-A1 NoSubs
19 11 18 322 9 23.1 0.114 0.357 0.021 70. 92. -5.7 0.0260 0.47 0.29 1.30 280.0 10.0 288.8 2.0 0
0.00 55. 1009. 0 ADJ-A1 NoSubs
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0.00 44. 1009. 0 ADJ-A1 NoSubs
19 11 18 322 11 76.6 0.129 0.738 0.016 188. 112. -2.5 0.0300 0.47 0.20 1.28 118.0 10.0 295.4 2.0 0
0.00 36. 1008. 0 ADJ-A1 NoSubs
19 11 18 322 12 87.9 0.209 0.884 0.015 282. 229. -9.3 0.0370 0.47 0.19 2.33 154.0 10.0 298.8 2.0 0
0.00 29. 1007. 0 ADJ-A1 NoSubs
19 11 18 322 13 86.7 0.199 0.946 0.015 350. 213. -8.2 0.0380 0.47 0.19 2.18 233.0 10.0 299.2 2.0 0
0.00 27. 1006. 0 ADJ-A1 NoSubs
19 11 18 322 14 73.6 0.252 0.935 0.014 398. 303. -19.4 0.0290 0.47 0.20 3.18 268.0 10.0 298.1 2.0 0
0.00 27. 1006. 0 ADJ-A1 NoSubs
19 11 18 322 15 50.8 0.232 0.848 0.014 430. 268. -22.0 0.0290 0.47 0.23 2.96 269.0 10.0 299.9 2.0 0
0.00 20. 1005. 0 ADJ-A1 NoSubs
19 11 18 322 16 16.5 0.193 0.586 0.014 435. 203. -38.8 0.0230 0.47 0.31 2.67 193.0 10.0 294.9 2.0 0
0.00 48. 1005. 0 ADJ-A1 NoSubs
19 11 18 322 17 -16.2 0.197 -9.000 -9.000 -999. 210. 42.7 0.0230 0.47 0.56 3.18 186.0 10.0 288.1 2.0 0
0.00 80. 1005. 0 ADJ-A1 NoSubs
19 11 18 322 18 -9.5 0.129 -9.000 -9.000 -999. 113. 20.4 0.0380 0.47 1.00 1.98 212.0 10.0 286.4 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
19 11 18 322 19 -3.0 0.074 -9.000 -9.000 -999. 49. 12.0 0.0370 0.47 1.00 1.11 172.0 10.0 286.4 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
19 11 18 322 20 -5.0 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.47 1.00 1.48 329.0 10.0 285.4 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
19 11 18 322 21 -5.3 0.094 -9.000 -9.000 -999. 69. 14.2 0.0260 0.47 1.00 1.57 276.0 10.0 285.4 2.0 0
0.00 89. 1006. 0 ADJ-A1 NoSubs
19 11 18 322 22 -9.0 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.47 1.00 1.93 355.0 10.0 284.2 2.0 0
0.00 89. 1005. 0 ADJ-A1 NoSubs
19 11 18 322 23 -7.5 0.114 -9.000 -9.000 -999. 92. 17.7 0.0380 0.47 1.00 1.76 334.0 10.0 283.1 2.0 0
0.00 86. 1005. 0 ADJ-A1 NoSubs
19 11 18 322 24 -5.8 0.099 -9.000 -9.000 -999. 74. 14.7 0.0260 0.47 1.00 1.64 281.0 10.0 282.0 2.0 0
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19 11 19 323 1 -5.0 0.092 -9.000 -9.000 -999. 67. 14.0 0.0330 0.47 1.00 1.47 317.0 10.0 282.5 2.0 0
0.00 89. 1004. 0 ADJ-A1 NoSubs
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19 11 19 323 3 -2.7 0.070 -9.000 -9.000 -999. 45. 11.5 0.0310 0.47 1.00 1.06 17.0 10.0 283.1 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
19 11 19 323 4 -8.8 0.123 -9.000 -9.000 -999. 104. 18.9 0.0310 0.47 1.00 1.96 16.0 10.0 283.1 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
19 11 19 323 5 -9.8 0.130 -9.000 -9.000 -999. 112. 20.1 0.0310 0.47 1.00 2.06 12.0 10.0 284.2 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
19 11 19 323 6 -8.8 0.123 -9.000 -9.000 -999. 104. 19.0 0.0310 0.47 1.00 1.96 10.0 10.0 284.9 2.0 0
0.00 92. 1004. 10 ADJ-A1 NoSubs
19 11 19 323 7 -5.6 0.097 -9.000 -9.000 -999. 73. 14.8 0.0310 0.47 1.00 1.57 18.0 10.0 284.9 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
19 11 19 323 8 -6.7 0.117 -9.000 -9.000 -999. 96. 21.6 0.0380 0.47 0.48 1.79 332.0 10.0 284.9 2.0 0
0.00 96. 1004. 10 ADJ-A1 NoSubs
19 11 19 323 9 3.5 0.125 0.208 0.013 91. 106. -49.9 0.0380 0.47 0.29 1.60 343.0 10.0 284.9 2.0 0
0.00 100. 1005. 10 ADJ-A1 NoSubs
19 11 19 323 10 11.5 0.105 0.399 0.015 199. 81. -9.0 0.0290 0.47 0.22 1.23 242.0 10.0 286.4 2.0 0
0.00 86. 1005. 10 ADJ-A1 NoSubs
19 11 19 323 11 63.5 0.143 0.842 0.016 336. 130. -4.1 0.0340 0.47 0.20 1.47 123.0 10.0 289.9 2.0 0
0.00 66. 1004. 7 ADJ-A1 NoSubs
19 11 19 323 12 84.5 0.174 0.966 0.014 381. 175. -5.6 0.0290 0.47 0.19 1.94 84.0 10.0 290.9 2.0 0
0.00 62. 1003. 0 ADJ-A1 NoSubs
19 11 19 323 13 83.5 0.302 1.008 0.015 439. 398. -29.4 0.0380 0.47 0.19 3.73 224.0 10.0 292.0 2.0 0
0.00 53. 1002. 0 ADJ-A1 NoSubs
19 11 19 323 14 71.0 0.351 0.986 0.015 482. 500. -54.6 0.0260 0.47 0.20 4.85 270.0 10.0 292.5 2.0 0
0.00 46. 1001. 0 ADJ-A1 NoSubs
19 11 19 323 15 47.2 0.404 0.876 0.012 508. 616. -124.3 0.0260 0.47 0.23 5.77 280.0 10.0 291.4 2.0 0
0.00 49. 1000. 0 ADJ-A1 NoSubs
19 11 19 323 16 14.4 0.416 0.592 0.012 514. 644. -446.9 0.0260 0.47 0.32 6.11 287.0 10.0 289.2 2.0 0
0.00 59. 1000. 0 ADJ-A1 NoSubs
19 11 19 323 17 -35.6 0.429 -9.000 -9.000 -999. 674. 202.3 0.0260 0.47 0.57 6.57 285.0 10.0 287.5 2.0
0 0.00 66. 1000. 0 ADJ-A1 NoSubs
19 11 19 323 18 -31.3 0.321 -9.000 -9.000 -999. 445. 113.7 0.0260 0.47 1.00 5.00 284.0 10.0 287.0 2.0
0 0.00 68. 1000. 3 ADJ-A1 NoSubs
19 11 19 323 19 -24.3 0.249 -9.000 -9.000 -999. 302. 68.5 0.0260 0.47 1.00 3.92 281.0 10.0 287.0 2.0 0
0.00 68. 999. 7 ADJ-A1 NoSubs
19 11 19 323 20 -21.4 0.220 -9.000 -9.000 -999. 248. 53.2 0.0290 0.47 1.00 3.41 248.0 10.0 286.4 2.0 0
0.00 77. 998. 10 ADJ-A1 NoSubs
19 11 19 323 21 -20.6 0.212 -9.000 -9.000 -999. 234. 49.3 0.0260 0.47 1.00 3.35 273.0 10.0 287.0 2.0 0
0.00 68. 997. 10 ADJ-A1 NoSubs
19 11 19 323 22 -18.0 0.186 -9.000 -9.000 -999. 192. 38.0 0.0260 0.47 1.00 2.96 280.0 10.0 287.5 2.0 0
0.00 66. 996. 10 ADJ-A1 NoSubs
19 11 19 323 23 -8.6 0.122 -9.000 -9.000 -999. 104. 19.0 0.0330 0.47 1.00 1.93 311.0 10.0 286.4 2.0 0
0.00 71. 996. 10 ADJ-A1 NoSubs
19 11 19 323 24 -2.5 0.068 -9.000 -9.000 -999. 43. 11.1 0.0260 0.47 1.00 1.03 297.0 10.0 285.4 2.0 0
0.00 76. 995. 5 ADJ-A1 NoSubs
19 11 20 324 1 -3.7 0.080 -9.000 -9.000 -999. 54. 12.4 0.0330 0.47 1.00 1.26 319.0 10.0 284.9 2.0 0
0.00 76. 994. 7 ADJ-A1 NoSubs
19 11 20 324 2 -6.2 0.103 -9.000 -9.000 -999. 80. 15.8 0.0330 0.47 1.00 1.65 323.0 10.0 283.8 2.0 0
0.00 82. 995. 0 ADJ-A1 NoSubs
19 11 20 324 3 -5.2 0.095 -9.000 -9.000 -999. 70. 14.6 0.0380 0.47 1.00 1.48 354.0 10.0 282.5 2.0 0
0.00 86. 995. 0 ADJ-A1 NoSubs
19 11 20 324 4 -5.7 0.100 -9.000 -9.000 -999. 75. 15.3 0.0380 0.47 1.00 1.55 337.0 10.0 282.0 2.0 0
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19 11 20 324 5 -5.4 0.096 -9.000 -9.000 -999. 72. 14.8 0.0380 0.47 1.00 1.50 352.0 10.0 280.9 2.0 0

0.00 88. 995. 0 ADJ-A1 NoSubs
19 11 20 324 6 -7.2 0.111 -9.000 -9.000 -999. 89. 17.0 0.0330 0.47 1.00 1.77 320.0 10.0 280.9 2.0 0
0.00 88. 995. 0 ADJ-A1 NoSubs
19 11 20 324 7 -8.0 0.118 -9.000 -9.000 -999. 97. 17.9 0.0310 0.47 1.00 1.88 15.0 10.0 280.9 2.0 0
0.00 88. 996. 0 ADJ-A1 NoSubs
19 11 20 324 8 -5.1 0.106 -9.000 -9.000 -999. 83. 20.7 0.0380 0.47 0.49 1.62 360.0 10.0 283.8 2.0 0
0.00 85. 996. 0 ADJ-A1 NoSubs
19 11 20 324 9 20.5 0.125 0.522 0.008 246. 106. -8.4 0.0380 0.47 0.29 1.37 342.0 10.0 284.2 2.0 0
0.00 82. 996. 0 ADJ-A1 NoSubs
19 11 20 324 10 51.4 0.140 0.750 0.006 291. 126. -4.7 0.0290 0.47 0.22 1.52 69.0 10.0 285.9 2.0 0
0.00 76. 996. 0 ADJ-A1 NoSubs
19 11 20 324 11 72.9 0.146 0.915 0.005 373. 133. -3.8 0.0300 0.47 0.20 1.52 119.0 10.0 288.1 2.0 0
0.00 68. 995. 0 ADJ-A1 NoSubs
19 11 20 324 12 83.4 0.168 1.036 0.005 473. 165. -5.1 0.0230 0.47 0.19 1.94 185.0 10.0 289.9 2.0 0
0.00 57. 994. 0 ADJ-A1 NoSubs
19 11 20 324 13 82.6 0.326 1.089 0.005 555. 447. -37.3 0.0380 0.47 0.19 4.10 236.0 10.0 291.4 2.0 0
0.00 41. 994. 0 ADJ-A1 NoSubs
19 11 20 324 14 70.0 0.284 1.119 0.005 709. 365. -29.1 0.0380 0.47 0.20 3.51 236.0 10.0 291.4 2.0 0
0.00 44. 994. 0 ADJ-A1 NoSubs
19 11 20 324 15 46.5 0.282 1.018 0.005 805. 360. -42.9 0.0380 0.47 0.23 3.58 216.0 10.0 290.9 2.0 0
0.00 49. 994. 0 ADJ-A1 NoSubs
19 11 20 324 16 14.3 0.164 0.695 0.005 832. 168. -27.6 0.0230 0.47 0.32 2.23 185.0 10.0 290.9 2.0 0
0.00 51. 994. 0 ADJ-A1 NoSubs
19 11 20 324 17 -18.4 0.221 -9.000 -9.000 -999. 249. 53.6 0.0340 0.47 0.57 3.32 123.0 10.0 287.5 2.0 0
0.00 66. 994. 0 ADJ-A1 NoSubs
19 11 20 324 18 -12.0 0.146 -9.000 -9.000 -999. 135. 23.3 0.0300 0.47 1.00 2.30 101.0 10.0 287.0 2.0 0
0.00 66. 996. 0 ADJ-A1 NoSubs
19 11 20 324 19 -6.2 0.104 -9.000 -9.000 -999. 80. 15.8 0.0310 0.47 1.00 1.67 6.0 10.0 284.9 2.0 0
0.00 73. 996. 0 ADJ-A1 NoSubs
19 11 20 324 20 -8.6 0.123 -9.000 -9.000 -999. 103. 19.2 0.0380 0.47 1.00 1.89 341.0 10.0 283.8 2.0 0
0.00 76. 997. 0 ADJ-A1 NoSubs
19 11 20 324 21 -13.6 0.156 -9.000 -9.000 -999. 147. 26.6 0.0380 0.47 1.00 2.35 343.0 10.0 282.5 2.0 0
0.00 79. 998. 0 ADJ-A1 NoSubs
19 11 20 324 22 -12.7 0.151 -9.000 -9.000 -999. 140. 25.0 0.0380 0.47 1.00 2.28 346.0 10.0 282.0 2.0 0
0.00 79. 998. 0 ADJ-A1 NoSubs
19 11 20 324 23 -15.7 0.168 -9.000 -9.000 -999. 165. 31.0 0.0380 0.47 1.00 2.52 341.0 10.0 281.4 2.0 0
0.00 76. 999. 0 ADJ-A1 NoSubs
19 11 20 324 24 -13.9 0.157 -9.000 -9.000 -999. 149. 27.1 0.0380 0.47 1.00 2.37 342.0 10.0 280.9 2.0 0
0.00 78. 1000. 3 ADJ-A1 NoSubs
19 11 21 325 1 -15.1 0.164 -9.000 -9.000 -999. 160. 29.7 0.0380 0.47 1.00 2.47 335.0 10.0 281.4 2.0 0
0.00 76. 1001. 10 ADJ-A1 NoSubs
19 11 21 325 2 -9.5 0.129 -9.000 -9.000 -999. 112. 20.2 0.0380 0.47 1.00 1.98 340.0 10.0 282.5 2.0 0
0.00 76. 1001. 10 ADJ-A1 NoSubs
19 11 21 325 3 -9.0 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.47 1.00 1.93 342.0 10.0 283.1 2.0 0
0.00 76. 1002. 10 ADJ-A1 NoSubs
19 11 21 325 4 -10.1 0.133 -9.000 -9.000 -999. 116. 20.7 0.0330 0.47 1.00 2.08 302.0 10.0 284.2 2.0 0
0.00 76. 1002. 0 ADJ-A1 NoSubs
19 11 21 325 5 -14.1 0.158 -9.000 -9.000 -999. 150. 27.4 0.0330 0.47 1.00 2.44 326.0 10.0 283.1 2.0 0
0.00 82. 1003. 0 ADJ-A1 NoSubs
19 11 21 325 6 -5.5 0.095 -9.000 -9.000 -999. 72. 14.3 0.0260 0.47 1.00 1.59 274.0 10.0 282.0 2.0 0
0.00 82. 1004. 0 ADJ-A1 NoSubs
19 11 21 325 7 -5.3 0.095 -9.000 -9.000 -999. 70. 14.4 0.0330 0.47 1.00 1.52 43.0 10.0 280.9 2.0 0
0.00 85. 1004. 10 ADJ-A1 NoSubs
19 11 21 325 8 -2.4 0.070 -9.000 -9.000 -999. 44. 12.4 0.0380 0.47 0.50 1.06 355.0 10.0 283.1 2.0 0

0.00 79. 1005. 10 ADJ-A1 NoSubs
19 11 21 325 9 3.1 0.089 0.178 0.005 65. 63. -20.2 0.0310 0.47 0.29 1.11 22.0 10.0 284.9 2.0 0
0.00 76. 1006. 10 ADJ-A1 NoSubs
19 11 21 325 10 11.3 0.101 0.383 0.005 178. 77. -8.1 0.0330 0.47 0.22 1.14 323.0 10.0 287.5 2.0 0
0.00 64. 1006. 10 ADJ-A1 NoSubs
19 11 21 325 11 17.1 0.157 0.506 0.006 271. 149. -20.2 0.0260 0.47 0.20 2.03 289.0 10.0 289.9 2.0 0
0.00 55. 1006. 10 ADJ-A1 NoSubs
19 11 21 325 12 83.2 0.292 1.038 0.006 483. 379. -27.0 0.0380 0.47 0.19 3.59 237.0 10.0 290.9 2.0 0
0.00 49. 1007. 5 ADJ-A1 NoSubs
19 11 21 325 13 19.5 0.276 0.649 0.006 503. 348. -96.6 0.0290 0.47 0.19 3.83 243.0 10.0 290.4 2.0 0
0.00 55. 1007. 10 ADJ-A1 NoSubs
19 11 21 325 14 59.4 0.301 0.976 0.007 561. 395. -41.0 0.0380 0.47 0.20 3.80 234.0 10.0 289.9 2.0 0
0.00 57. 1007. 7 ADJ-A1 NoSubs
19 11 21 325 15 41.2 0.291 0.882 0.007 598. 376. -53.6 0.0290 0.47 0.23 3.93 247.0 10.0 289.2 2.0 0
0.00 61. 1007. 7 ADJ-A1 NoSubs
19 11 21 325 16 16.1 0.221 0.650 0.007 611. 251. -59.8 0.0290 0.47 0.32 3.00 251.0 10.0 288.8 2.0 0
0.00 64. 1007. 7 ADJ-A1 NoSubs
19 11 21 325 17 -10.3 0.139 -9.000 -9.000 -999. 126. 23.3 0.0290 0.47 0.58 2.20 260.0 10.0 287.0 2.0 0
0.00 71. 1008. 0 ADJ-A1 NoSubs
19 11 21 325 18 -4.6 0.089 -9.000 -9.000 -999. 64. 13.7 0.0330 0.47 1.00 1.42 300.0 10.0 285.9 2.0 0
0.00 73. 1009. 0 ADJ-A1 NoSubs
19 11 21 325 19 -6.6 0.106 -9.000 -9.000 -999. 83. 16.3 0.0330 0.47 1.00 1.69 302.0 10.0 285.4 2.0 0
0.00 76. 1010. 10 ADJ-A1 NoSubs
19 11 21 325 20 -9.6 0.129 -9.000 -9.000 -999. 112. 20.3 0.0380 0.47 1.00 1.98 340.0 10.0 284.2 2.0 0
0.00 79. 1010. 10 ADJ-A1 NoSubs
19 11 21 325 21 -8.6 0.122 -9.000 -9.000 -999. 102. 19.1 0.0380 0.47 1.00 1.88 337.0 10.0 283.8 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
19 11 21 325 22 -12.0 0.145 -9.000 -9.000 -999. 132. 23.1 0.0380 0.47 1.00 2.20 339.0 10.0 283.8 2.0 0
0.00 79. 1012. 7 ADJ-A1 NoSubs
19 11 21 325 23 -12.6 0.148 -9.000 -9.000 -999. 137. 24.3 0.0380 0.47 1.00 2.25 341.0 10.0 282.5 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
19 11 21 325 24 -9.7 0.130 -9.000 -9.000 -999. 112. 20.3 0.0380 0.47 1.00 1.99 350.0 10.0 281.4 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 11 22 326 1 -13.2 0.152 -9.000 -9.000 -999. 142. 25.4 0.0380 0.47 1.00 2.30 334.0 10.0 281.4 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 11 22 326 2 -13.6 0.154 -9.000 -9.000 -999. 145. 26.1 0.0380 0.47 1.00 2.33 336.0 10.0 281.4 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 11 22 326 3 -9.5 0.128 -9.000 -9.000 -999. 110. 19.9 0.0380 0.47 1.00 1.96 340.0 10.0 280.9 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 11 22 326 4 -7.6 0.114 -9.000 -9.000 -999. 92. 17.6 0.0380 0.47 1.00 1.76 334.0 10.0 280.9 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
19 11 22 326 5 -6.6 0.105 -9.000 -9.000 -999. 82. 16.2 0.0380 0.47 1.00 1.64 349.0 10.0 279.2 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
19 11 22 326 6 -9.2 0.126 -9.000 -9.000 -999. 107. 19.5 0.0380 0.47 1.00 1.93 341.0 10.0 279.2 2.0 0
0.00 92. 1015. 5 ADJ-A1 NoSubs
19 11 22 326 7 -5.3 0.095 -9.000 -9.000 -999. 70. 14.6 0.0380 0.47 1.00 1.48 345.0 10.0 279.2 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
19 11 22 326 8 -3.0 0.077 -9.000 -9.000 -999. 51. 14.0 0.0330 0.47 0.50 1.23 46.0 10.0 280.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 9 18.9 0.148 0.327 0.006 67. 137. -15.7 0.0290 0.47 0.30 1.84 79.0 10.0 284.2 2.0 0
0.00 76. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 10 49.9 0.204 0.744 0.006 299. 221. -15.3 0.0300 0.47 0.23 2.50 117.0 10.0 286.4 2.0 0
0.00 69. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 11 71.6 0.153 0.979 0.008 476. 144. -4.5 0.0340 0.47 0.20 1.59 127.0 10.0 289.2 2.0 0

0.00 59. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 12 82.2 0.145 1.079 0.008 554. 133. -3.4 0.0340 0.47 0.19 1.45 124.0 10.0 290.9 2.0 0
0.00 49. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 13 81.5 0.173 1.119 0.007 622. 172. -5.7 0.0370 0.47 0.19 1.82 177.0 10.0 292.5 2.0 0
0.00 46. 1015. 0 ADJ-A1 NoSubs
19 11 22 326 14 69.0 0.272 1.087 0.007 674. 340. -26.2 0.0290 0.47 0.20 3.51 252.0 10.0 292.5 2.0 0
0.00 41. 1015. 0 ADJ-A1 NoSubs
19 11 22 326 15 45.6 0.280 0.962 0.007 706. 355. -43.5 0.0290 0.47 0.24 3.74 264.0 10.0 292.0 2.0 0
0.00 42. 1015. 0 ADJ-A1 NoSubs
19 11 22 326 16 13.2 0.259 0.638 0.007 713. 317. -119.5 0.0290 0.47 0.32 3.63 262.0 10.0 290.4 2.0 0
0.00 45. 1015. 0 ADJ-A1 NoSubs
19 11 22 326 17 -7.2 0.114 -9.000 -9.000 -999. 109. 18.7 0.0260 0.47 0.58 1.87 285.0 10.0 288.8 2.0 0
0.00 51. 1015. 0 ADJ-A1 NoSubs
19 11 22 326 18 -3.0 0.072 -9.000 -9.000 -999. 47. 11.4 0.0260 0.47 1.00 1.16 283.0 10.0 287.0 2.0 0
0.00 59. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 19 -5.6 0.098 -9.000 -9.000 -999. 73. 15.1 0.0380 0.47 1.00 1.52 345.0 10.0 284.9 2.0 0
0.00 65. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 20 -9.1 0.126 -9.000 -9.000 -999. 107. 19.7 0.0380 0.47 1.00 1.93 347.0 10.0 283.8 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 21 -12.0 0.145 -9.000 -9.000 -999. 132. 23.1 0.0380 0.47 1.00 2.20 339.0 10.0 283.8 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 22 -11.2 0.139 -9.000 -9.000 -999. 124. 21.7 0.0330 0.47 1.00 2.17 326.0 10.0 283.8 2.0 0
0.00 70. 1016. 0 ADJ-A1 NoSubs
19 11 22 326 23 -13.1 0.150 -9.000 -9.000 -999. 140. 24.9 0.0310 0.47 1.00 2.36 3.0 10.0 282.5 2.0 0
0.00 76. 1016. 0 ADJ-SFC NoSubs
19 11 22 326 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 282.0 2.0
0 0.00 79. 1016. 0 ADJ-SFC NoSubs
19 11 23 327 1 -7.6 0.114 -9.000 -9.000 -999. 92. 17.6 0.0380 0.47 1.00 1.76 330.0 10.0 281.4 2.0 0
0.00 82. 1016. 0 ADJ-SFC NoSubs
19 11 23 327 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 280.4 2.0
0 0.00 85. 1016. 0 ADJ-SFC NoSubs
19 11 23 327 3 -7.6 0.114 -9.000 -9.000 -999. 92. 17.6 0.0380 0.47 1.00 1.76 355.0 10.0 280.9 2.0 0
0.00 82. 1016. 0 ADJ-SFC NoSubs
19 11 23 327 4 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 280.9 2.0
0 0.00 82. 1017. 0 ADJ-SFC NoSubs
19 11 23 327 5 -7.6 0.114 -9.000 -9.000 -999. 92. 17.5 0.0380 0.47 1.00 1.76 360.0 10.0 279.9 2.0 0
0.00 85. 1016. 0 ADJ-SFC NoSubs
19 11 23 327 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 279.2 2.0
0 0.00 85. 1017. 0 ADJ-SFC NoSubs
19 11 23 327 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 279.9 2.0
0 0.00 85. 1017. 0 ADJ-SFC NoSubs
19 11 23 327 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 0.51 0.00 0.0 10.0 282.0 2.0
0 0.00 82. 1018. 0 ADJ-SFC NoSubs
19 11 23 327 9 18.2 0.144 0.295 0.010 51. 131. -14.8 0.0300 0.47 0.30 1.76 101.0 10.0 284.9 2.0 0
0.00 71. 1018. 0 ADJ-SFC NoSubs
19 11 23 327 10 49.4 -9.000 -9.000 -9.000 188. -999. -99999.0 0.0317 0.47 0.23 0.00 0.0 10.0 288.1 2.0
0 0.00 59. 1018. 0 ADJ-SFC NoSubs
19 11 23 327 11 71.4 -9.000 -9.000 -9.000 258. -999. -99999.0 0.0317 0.47 0.20 0.00 0.0 10.0 291.4 2.0
0 0.00 47. 1018. 0 ADJ-SFC NoSubs
19 11 23 327 12 82.4 0.165 0.899 0.005 319. 160. -4.9 0.0317 0.47 0.19 1.76 999.0 10.0 294.2 2.0 0
0.00 37. 1016. 0 ADJ-SFC NoSubs
19 11 23 327 13 81.9 0.165 0.973 0.005 408. 160. -4.9 0.0317 0.47 0.19 1.76 999.0 10.0 295.9 2.0 0
0.00 32. 1015. 0 ADJ-SFC NoSubs
19 11 23 327 14 69.5 -9.000 -9.000 -9.000 555. -999. -99999.0 0.0317 0.47 0.20 0.00 0.0 10.0 295.9 2.0

0 0.00 29. 1015. 0 ADJ-SFC NoSubs
19 11 23 327 15 46.3 0.267 0.933 0.005 634. 332. -37.3 0.0380 0.47 0.24 3.36 232.0 10.0 295.9 2.0 0 0.00 30. 1014. 0 ADJ-SFC NoSubs
19 11 23 327 16 13.7 0.175 0.628 0.005 651. 179. -35.4 0.0260 0.47 0.32 2.36 283.0 10.0 293.8 2.0 0 0.00 35. 1014. 0 ADJ-SFC NoSubs
19 11 23 327 17 -12.3 0.153 -9.000 -9.000 -999. 144. 26.4 0.0330 0.47 0.59 2.36 318.0 10.0 292.5 2.0 0 0.00 36. 1014. 0 ADJ-SFC NoSubs
19 11 23 327 18 -7.5 0.114 -9.000 -9.000 -999. 92. 17.9 0.0380 0.47 1.00 1.76 349.0 10.0 288.8 2.0 0 0.00 52. 1015. 0 ADJ-SFC NoSubs
19 11 23 327 19 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0317 0.47 1.00 0.00 0.0 10.0 287.0 2.0 0 0.00 57. 1015. 0 ADJ-SFC NoSubs
19 11 23 327 20 -5.1 0.093 -9.000 -9.000 -999. 68. 14.2 0.0330 0.47 1.00 1.48 301.0 10.0 285.4 2.0 0 0.00 61. 1015. 0 ADJ-A1 NoSubs
19 11 23 327 21 -10.6 0.135 -9.000 -9.000 -999. 119. 21.0 0.0330 0.47 1.00 2.11 323.0 10.0 283.1 2.0 0 0.00 62. 1016. 0 ADJ-A1 NoSubs
19 11 23 327 22 -9.2 0.126 -9.000 -9.000 -999. 108. 19.8 0.0380 0.47 1.00 1.94 338.0 10.0 283.8 2.0 0 0.00 63. 1016. 0 ADJ-A1 NoSubs
19 11 23 327 23 -9.4 0.128 -9.000 -9.000 -999. 110. 20.0 0.0380 0.47 1.00 1.96 343.0 10.0 283.1 2.0 0 0.00 62. 1016. 0 ADJ-A1 NoSubs
19 11 23 327 24 -7.4 0.112 -9.000 -9.000 -999. 90. 17.4 0.0380 0.47 1.00 1.74 348.0 10.0 283.1 2.0 0 0.00 65. 1016. 0 ADJ-A1 NoSubs
19 11 24 328 1 -7.3 0.111 -9.000 -9.000 -999. 89. 17.1 0.0330 0.47 1.00 1.77 322.0 10.0 282.0 2.0 0 0.00 67. 1016. 0 ADJ-A1 NoSubs
19 11 24 328 2 -5.1 0.093 -9.000 -9.000 -999. 68. 14.1 0.0330 0.47 1.00 1.48 328.0 10.0 282.0 2.0 0 0.00 67. 1016. 0 ADJ-A1 NoSubs
19 11 24 328 3 -8.8 0.123 -9.000 -9.000 -999. 103. 19.1 0.0380 0.47 1.00 1.89 343.0 10.0 280.4 2.0 0 0.00 73. 1016. 0 ADJ-A1 NoSubs
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19 11 24 328 5 -4.2 0.085 -9.000 -9.000 -999. 59. 13.1 0.0380 0.47 1.00 1.31 229.0 10.0 279.9 2.0 0 0.00 76. 1016. 0 ADJ-A1 NoSubs
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19 11 24 328 10 48.6 0.126 0.579 0.012 145. 108. -3.8 0.0370 0.47 0.23 1.26 154.0 10.0 288.1 2.0 0 0.00 48. 1017. 0 ADJ-A1 NoSubs
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19 11 24 328 12 81.7 0.157 0.869 0.008 291. 149. -4.3 0.0370 0.47 0.19 1.59 159.0 10.0 294.2 2.0 0 0.00 33. 1015. 0 ADJ-A1 NoSubs
19 11 24 328 13 80.9 0.193 0.933 0.006 363. 204. -8.0 0.0380 0.47 0.19 2.11 212.0 10.0 294.9 2.0 0 0.00 34. 1014. 0 ADJ-A1 NoSubs
19 11 24 328 14 68.5 0.223 0.936 0.005 432. 253. -14.7 0.0260 0.47 0.21 2.81 274.0 10.0 294.9 2.0 0 0.00 33. 1013. 0 ADJ-A1 NoSubs
19 11 24 328 15 45.2 0.256 0.841 0.005 475. 311. -33.6 0.0260 0.47 0.24 3.44 273.0 10.0 294.2 2.0 0 0.00 33. 1013. 0 ADJ-A1 NoSubs
19 11 24 328 16 13.1 0.244 0.563 0.005 491. 290. -100.3 0.0290 0.47 0.33 3.40 269.0 10.0 293.1 2.0 0 0.00 35. 1013. 0 ADJ-A1 NoSubs
19 11 24 328 17 -5.5 0.100 -9.000 -9.000 -999. 94. 16.6 0.0340 0.47 0.59 1.59 144.0 10.0 289.9 2.0 0

0.00 47. 1012. 0 ADJ-A1 NoSubs
19 11 24 328 18 -10.4 0.132 -9.000 -9.000 -999. 115. 20.1 0.0230 0.47 1.00 2.20 197.0 10.0 285.4 2.0 0
0.00 82. 1013. 0 ADJ-A1 NoSubs
19 11 24 328 19 -3.6 0.078 -9.000 -9.000 -999. 53. 11.9 0.0260 0.47 1.00 1.28 298.0 10.0 284.2 2.0 0
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19 11 24 328 20 -4.5 0.086 -9.000 -9.000 -999. 61. 12.9 0.0260 0.47 1.00 1.43 295.0 10.0 283.8 2.0 0
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0.00 73. 1013. 0 ADJ-A1 NoSubs
19 11 24 328 23 -12.7 0.148 -9.000 -9.000 -999. 137. 24.1 0.0330 0.47 1.00 2.30 323.0 10.0 281.4 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
19 11 24 328 24 -16.2 0.169 -9.000 -9.000 -999. 167. 31.5 0.0380 0.47 1.00 2.54 341.0 10.0 281.4 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
19 11 25 329 1 -9.5 0.128 -9.000 -9.000 -999. 110. 19.9 0.0380 0.47 1.00 1.96 357.0 10.0 280.4 2.0 0
0.00 76. 1013. 0 ADJ-A1 NoSubs
19 11 25 329 2 -5.9 0.100 -9.000 -9.000 -999. 75. 15.1 0.0330 0.47 1.00 1.59 323.0 10.0 279.9 2.0 0
0.00 85. 1012. 0 ADJ-A1 NoSubs
19 11 25 329 3 -10.4 0.133 -9.000 -9.000 -999. 117. 20.5 0.0310 0.47 1.00 2.11 3.0 10.0 280.4 2.0 0
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19 11 25 329 4 -7.2 0.111 -9.000 -9.000 -999. 89. 17.1 0.0380 0.47 1.00 1.72 336.0 10.0 280.4 2.0 0
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19 11 25 329 5 -7.0 0.108 -9.000 -9.000 -999. 85. 16.4 0.0310 0.47 1.00 1.74 24.0 10.0 280.4 2.0 0
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19 11 25 329 6 -8.9 0.124 -9.000 -9.000 -999. 105. 19.3 0.0380 0.47 1.00 1.91 349.0 10.0 280.9 2.0 0
0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 25 329 7 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0330 0.47 1.00 1.35 43.0 10.0 281.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 11 25 329 8 -2.9 0.073 -9.000 -9.000 -999. 48. 12.2 0.0290 0.47 0.52 1.18 84.0 10.0 280.9 2.0 0
0.00 95. 1013. 10 ADJ-A1 NoSubs
19 11 25 329 9 18.1 0.111 0.285 0.014 46. 89. -6.9 0.0310 0.47 0.30 1.25 22.0 10.0 281.4 2.0 0
0.00 92. 1013. 7 ADJ-A1 NoSubs
19 11 25 329 10 47.4 0.121 0.652 0.016 211. 101. -3.4 0.0380 0.47 0.23 1.18 232.0 10.0 285.9 2.0 0
0.00 68. 1013. 0 ADJ-A1 NoSubs
19 11 25 329 11 69.7 0.215 0.818 0.014 283. 240. -12.9 0.0290 0.47 0.20 2.62 262.0 10.0 290.9 2.0 0
0.00 26. 1012. 0 ADJ-A1 NoSubs
19 11 25 329 12 80.3 0.353 0.900 0.013 328. 503. -49.4 0.0380 0.47 0.19 4.51 360.0 10.0 292.0 2.0 0
0.00 23. 1012. 0 ADJ-A1 NoSubs
19 11 25 329 13 79.5 0.356 0.922 0.013 356. 510. -51.2 0.0380 0.47 0.20 4.56 352.0 10.0 292.5 2.0 0
0.00 21. 1011. 0 ADJ-A1 NoSubs
19 11 25 329 14 67.2 0.314 0.903 0.012 395. 423. -41.4 0.0380 0.47 0.21 3.97 360.0 10.0 292.5 2.0 0
0.00 19. 1011. 0 ADJ-A1 NoSubs
19 11 25 329 15 44.2 0.332 0.804 0.012 423. 459. -74.7 0.0380 0.47 0.24 4.34 358.0 10.0 292.5 2.0 0
0.00 15. 1010. 0 ADJ-A1 NoSubs
19 11 25 329 16 12.2 0.254 0.527 0.012 429. 311. -121.0 0.0380 0.47 0.33 3.39 338.0 10.0 291.4 2.0 0
0.00 19. 1010. 0 ADJ-A1 NoSubs
19 11 25 329 17 -15.8 0.181 -9.000 -9.000 -999. 186. 36.0 0.0330 0.47 0.59 2.76 319.0 10.0 288.8 2.0 0
0.00 23. 1010. 0 ADJ-A1 NoSubs
19 11 25 329 18 -22.3 0.226 -9.000 -9.000 -999. 258. 56.3 0.0260 0.47 1.00 3.57 282.0 10.0 286.4 2.0 0
0.00 38. 1011. 0 ADJ-A1 NoSubs
19 11 25 329 19 -18.8 0.189 -9.000 -9.000 -999. 198. 39.3 0.0330 0.47 1.00 2.89 312.0 10.0 284.2 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
19 11 25 329 20 -4.5 0.087 -9.000 -9.000 -999. 67. 13.2 0.0310 0.47 1.00 1.40 5.0 10.0 282.5 2.0 0

0.00 53. 1012. 0 ADJ-A1 NoSubs
19 11 25 329 21 -6.4 0.104 -9.000 -9.000 -999. 81. 16.0 0.0380 0.47 1.00 1.62 349.0 10.0 281.4 2.0 0
0.00 53. 1013. 0 ADJ-A1 NoSubs
19 11 25 329 22 -12.0 0.145 -9.000 -9.000 -999. 132. 23.1 0.0380 0.47 1.00 2.20 355.0 10.0 280.4 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
19 11 25 329 23 -12.6 0.148 -9.000 -9.000 -999. 137. 24.2 0.0380 0.47 1.00 2.25 339.0 10.0 280.4 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
19 11 25 329 24 -16.2 0.168 -9.000 -9.000 -999. 166. 31.1 0.0330 0.47 1.00 2.59 306.0 10.0 280.4 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
19 11 26 330 1 -4.6 0.088 -9.000 -9.000 -999. 65. 13.6 0.0380 0.47 1.00 1.37 337.0 10.0 280.4 2.0 0
0.00 51. 1012. 0 ADJ-A1 NoSubs
19 11 26 330 2 -5.9 0.101 -9.000 -9.000 -999. 77. 15.6 0.0380 0.47 1.00 1.57 357.0 10.0 283.8 2.0 0
0.00 37. 1011. 0 ADJ-A1 NoSubs
19 11 26 330 3 -3.3 0.076 -9.000 -9.000 -999. 50. 12.1 0.0380 0.47 1.00 1.14 225.0 10.0 279.2 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 11 26 330 4 -3.9 0.082 -9.000 -9.000 -999. 56. 12.8 0.0380 0.47 1.00 1.26 235.0 10.0 280.9 2.0 0
0.00 45. 1011. 0 ADJ-A1 NoSubs
19 11 26 330 5 -4.1 0.082 -9.000 -9.000 -999. 56. 12.1 0.0230 0.47 1.00 1.38 207.0 10.0 278.8 2.0 0
0.00 50. 1011. 0 ADJ-A1 NoSubs
19 11 26 330 6 -3.6 0.079 -9.000 -9.000 -999. 54. 12.4 0.0380 0.47 1.00 1.21 218.0 10.0 277.5 2.0 0
0.00 57. 1011. 0 ADJ-A1 NoSubs
19 11 26 330 7 -2.8 0.071 -9.000 -9.000 -999. 46. 11.6 0.0330 0.47 1.00 1.06 56.0 10.0 277.0 2.0 0
0.00 64. 1012. 0 ADJ-A1 NoSubs
19 11 26 330 8 -7.5 0.121 -9.000 -9.000 -999. 101. 21.1 0.0310 0.47 0.53 1.91 14.0 10.0 279.9 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
19 11 26 330 9 15.5 0.120 0.367 0.007 114. 99. -10.0 0.0310 0.47 0.31 1.40 22.0 10.0 282.5 2.0 0
0.00 53. 1011. 0 ADJ-A1 NoSubs
19 11 26 330 10 46.5 0.157 0.633 0.005 196. 150. -7.5 0.0290 0.47 0.23 1.81 70.0 10.0 285.4 2.0 0
0.00 46. 1011. 0 ADJ-A1 NoSubs
19 11 26 330 11 67.8 0.184 0.888 0.005 372. 190. -8.3 0.0300 0.47 0.20 2.13 112.0 10.0 285.9 2.0 0
0.00 41. 1010. 0 ADJ-A1 NoSubs
19 11 26 330 12 78.2 0.199 1.047 0.005 528. 213. -9.1 0.0230 0.47 0.20 2.45 186.0 10.0 285.9 2.0 0
0.00 39. 1009. 0 ADJ-A1 NoSubs
19 11 26 330 13 77.8 0.205 1.119 0.005 648. 222. -9.9 0.0230 0.47 0.20 2.54 193.0 10.0 285.9 2.0 0
0.00 42. 1007. 5 ADJ-A1 NoSubs
19 11 26 330 14 14.4 0.187 0.645 0.005 667. 195. -40.9 0.0380 0.47 0.21 2.37 232.0 10.0 285.4 2.0 0
0.00 52. 1007. 10 ADJ-A1 NoSubs
19 11 26 330 15 8.6 0.169 0.546 0.005 678. 166. -49.8 0.0290 0.47 0.24 2.27 246.0 10.0 284.9 2.0 0
0.00 51. 1006. 10 ADJ-A1 NoSubs
19 11 26 330 16 0.4 0.180 0.201 0.005 677. 184. -1232.1 0.0380 0.47 0.33 2.50 213.0 10.0 283.1 2.0
11 0.50 76. 1004. 10 ADJ-A1 NoSubs
19 11 26 330 17 -10.8 0.139 -9.000 -9.000 -999. 125. 22.5 0.0340 0.47 0.60 2.16 135.0 10.0 282.0 2.0
11 0.30 92. 1003. 10 ADJ-A1 NoSubs
19 11 26 330 18 -17.8 0.178 -9.000 -9.000 -999. 181. 35.0 0.0300 0.47 1.00 2.78 117.0 10.0 281.4 2.0
11 0.30 92. 1002. 10 ADJ-A1 NoSubs
19 11 26 330 19 -11.3 0.140 -9.000 -9.000 -999. 127. 21.9 0.0340 0.47 1.00 2.18 132.0 10.0 281.4 2.0
11 1.00 999. 1000. 10 ADJ-A1 NoSubs
19 11 26 330 20 -6.6 0.106 -9.000 -9.000 -999. 83. 16.2 0.0330 0.47 1.00 1.69 48.0 10.0 281.4 2.0 11
2.00 999. 996. 10 ADJ-A1 NoSubs
19 11 26 330 21 -20.2 0.204 -9.000 -9.000 -999. 222. 46.0 0.0370 0.47 1.00 3.05 179.0 10.0 282.0 2.0
11 4.30 999. 997. 10 ADJ-A1 NoSubs
19 11 26 330 22 -11.7 0.143 -9.000 -9.000 -999. 130. 22.3 0.0290 0.47 1.00 2.27 252.0 10.0 282.5 2.0
11 2.00 999. 998. 10 ADJ-A1 NoSubs
19 11 26 330 23 -7.2 0.112 -9.000 -9.000 -999. 90. 17.3 0.0370 0.47 1.00 1.74 170.0 10.0 282.0 2.0 11

0.50 999. 998. 10 ADJ-A1 NoSubs
19 11 26 330 24 -4.2 0.084 -9.000 -9.000 -999. 59. 12.8 0.0290 0.47 1.00 1.37 63.0 10.0 282.1 2.0 0
0.00 999. 997. 10 ADJ-A1 NoSubs
19 11 27 331 1 -7.5 0.114 -9.000 -9.000 -999. 93. 17.5 0.0330 0.47 1.00 1.81 55.0 10.0 282.0 2.0 11
1.00 999. 996. 10 ADJ-A1 NoSubs
19 11 27 331 2 -3.3 0.076 -9.000 -9.000 -999. 51. 11.9 0.0310 0.47 1.00 1.20 17.0 10.0 280.9 2.0 0
0.00 999. 996. 7 ADJ-A1 NoSubs
19 11 27 331 3 -2.8 0.071 -9.000 -9.000 -999. 45. 11.6 0.0330 0.47 1.00 1.06 318.0 10.0 279.9 2.0 0
0.00 999. 996. 7 ADJ-A1 NoSubs
19 11 27 331 4 -7.3 0.111 -9.000 -9.000 -999. 89. 16.9 0.0310 0.47 1.00 1.79 1.0 10.0 280.4 2.0 11
2.00 999. 996. 7 ADJ-A1 NoSubs
19 11 27 331 5 -4.2 0.084 -9.000 -9.000 -999. 59. 12.6 0.0260 0.47 1.00 1.40 297.0 10.0 279.9 2.0 0
0.00 999. 996. 0 ADJ-A1 NoSubs
19 11 27 331 6 -3.3 0.076 -9.000 -9.000 -999. 51. 11.9 0.0310 0.47 1.00 1.20 15.0 10.0 279.2 2.0 0
0.00 999. 996. 7 ADJ-A1 NoSubs
19 11 27 331 7 -6.5 0.106 -9.000 -9.000 -999. 83. 16.3 0.0380 0.47 1.00 1.65 356.0 10.0 279.9 2.0 0
0.00 999. 996. 7 ADJ-A1 NoSubs
19 11 27 331 8 -2.1 0.067 -9.000 -9.000 -999. 42. 12.7 0.0380 0.47 0.54 1.03 345.0 10.0 279.9 2.0 0
0.00 100. 996. 7 ADJ-A1 NoSubs
19 11 27 331 9 1.3 0.128 0.120 0.005 47. 110. -143.3 0.0380 0.47 0.31 1.72 360.0 10.0 280.9 2.0 11
0.80 95. 996. 10 ADJ-A1 NoSubs
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0.80 89. 996. 10 ADJ-A1 NoSubs
19 11 27 331 11 69.8 0.134 0.951 0.005 437. 117. -3.0 0.0290 0.47 0.20 1.37 74.0 10.0 281.4 2.0 0
0.00 82. 996. 3 ADJ-A1 NoSubs
19 11 27 331 12 65.4 0.171 1.068 0.005 662. 169. -6.8 0.0370 0.47 0.20 1.84 168.0 10.0 283.1 2.0 0
0.00 79. 996. 7 ADJ-A1 NoSubs
19 11 27 331 13 76.9 0.272 1.358 0.005 1157. 340. -23.2 0.0230 0.47 0.20 3.64 205.0 10.0 283.8 2.0 0
0.00 70. 995. 5 ADJ-A1 NoSubs
19 11 27 331 14 55.2 0.348 1.232 0.005 1202. 493. -67.9 0.0380 0.47 0.21 4.53 229.0 10.0 282.5 2.0
11 0.30 76. 994. 7 ADJ-A1 NoSubs
19 11 27 331 15 44.4 0.226 1.157 0.005 1239. 267. -23.2 0.0260 0.47 0.24 2.96 298.0 10.0 283.8 2.0 0
0.00 63. 994. 5 ADJ-A1 NoSubs
19 11 27 331 16 9.7 0.227 0.698 0.005 1246. 260. -107.4 0.0290 0.47 0.33 3.17 254.0 10.0 283.1 2.0 0
0.00 60. 994. 0 ADJ-A1 NoSubs
19 11 27 331 17 -13.2 0.158 -9.000 -9.000 -999. 153. 27.6 0.0290 0.47 0.60 2.49 245.0 10.0 281.4 2.0 0
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19 11 27 331 18 -5.4 0.096 -9.000 -9.000 -999. 72. 14.4 0.0290 0.47 1.00 1.57 252.0 10.0 280.9 2.0 0
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19 11 27 331 19 -11.6 0.143 -9.000 -9.000 -999. 130. 22.6 0.0380 0.47 1.00 2.18 218.0 10.0 280.4 2.0
11 0.30 82. 995. 7 ADJ-A1 NoSubs
19 11 27 331 20 -5.1 0.093 -9.000 -9.000 -999. 68. 14.0 0.0290 0.47 1.00 1.52 77.0 10.0 280.4 2.0 0
0.00 89. 995. 10 ADJ-A1 NoSubs
19 11 27 331 21 -5.9 0.100 -9.000 -9.000 -999. 76. 15.1 0.0310 0.47 1.00 1.62 24.0 10.0 279.9 2.0 11
2.00 92. 996. 10 ADJ-A1 NoSubs
19 11 27 331 22 -8.9 0.124 -9.000 -9.000 -999. 105. 19.1 0.0330 0.47 1.00 1.96 42.0 10.0 279.9 2.0 11
5.30 999. 996. 10 ADJ-A1 NoSubs
19 11 27 331 23 -5.3 0.095 -9.000 -9.000 -999. 71. 14.4 0.0310 0.47 1.00 1.54 28.0 10.0 279.9 2.0 11
1.00 999. 996. 10 ADJ-A1 NoSubs
19 11 27 331 24 -11.7 0.142 -9.000 -9.000 -999. 129. 22.3 0.0290 0.47 1.00 2.27 80.0 10.0 279.2 2.0 11
1.30 999. 996. 10 ADJ-A1 NoSubs
19 11 28 332 1 -8.8 0.123 -9.000 -9.000 -999. 104. 18.9 0.0330 0.47 1.00 1.94 56.0 10.0 279.2 2.0 11
0.50 999. 996. 10 ADJ-A1 NoSubs
19 11 28 332 2 -6.5 0.106 -9.000 -9.000 -999. 83. 16.3 0.0380 0.47 1.00 1.65 354.0 10.0 279.2 2.0 11

1.30 999. 996. 10 ADJ-A1 NoSubs
19 11 28 332 3 -5.4 0.095 -9.000 -9.000 -999. 71. 14.3 0.0310 0.47 1.00 1.54 7.0 10.0 278.1 2.0 0
0.00 999. 996. 0 ADJ-A1 NoSubs
19 11 28 332 4 -4.5 0.087 -9.000 -9.000 -999. 62. 13.1 0.0310 0.47 1.00 1.40 15.0 10.0 277.5 2.0 0
0.00 999. 996. 0 ADJ-A1 NoSubs
19 11 28 332 5 -10.6 0.136 -9.000 -9.000 -999. 121. 21.2 0.0380 0.47 1.00 2.08 351.0 10.0 277.0 2.0 0
0.00 999. 996. 0 ADJ-A1 NoSubs
19 11 28 332 6 -11.5 0.142 -9.000 -9.000 -999. 128. 22.2 0.0380 0.47 1.00 2.16 336.0 10.0 276.4 2.0 0
0.00 999. 996. 0 ADJ-A1 NoSubs
19 11 28 332 7 -7.3 0.112 -9.000 -9.000 -999. 90. 17.2 0.0380 0.47 1.00 1.74 333.0 10.0 276.4 2.0 0
0.00 999. 996. 0 ADJ-A1 NoSubs
19 11 28 332 8 -9.4 0.135 -9.000 -9.000 -999. 119. 23.5 0.0380 0.47 0.54 2.05 337.0 10.0 276.4 2.0 0
0.00 999. 996. 0 ADJ-A1 NoSubs
19 11 28 332 9 13.7 0.117 0.394 0.005 159. 95. -10.3 0.0380 0.47 0.31 1.31 357.0 10.0 279.9 2.0 0
0.00 999. 997. 0 ADJ-A1 NoSubs
19 11 28 332 10 47.3 0.117 0.792 0.005 373. 96. -3.0 0.0330 0.47 0.23 1.16 38.0 10.0 282.0 2.0 0
0.00 100. 997. 5 ADJ-A1 NoSubs
19 11 28 332 11 65.9 0.159 1.021 0.005 573. 152. -5.4 0.0340 0.47 0.21 1.69 125.0 10.0 283.1 2.0 0
0.00 76. 996. 0 ADJ-A1 NoSubs
19 11 28 332 12 79.8 0.204 1.204 0.005 777. 222. -9.5 0.0340 0.47 0.20 2.33 121.0 10.0 283.8 2.0 0
0.00 65. 996. 3 ADJ-A1 NoSubs
19 11 28 332 13 64.6 0.193 1.188 0.005 923. 204. -9.9 0.0300 0.47 0.20 2.27 107.0 10.0 284.9 2.0 0
0.00 60. 995. 7 ADJ-A1 NoSubs
19 11 28 332 14 13.9 0.179 0.719 0.005 949. 182. -36.6 0.0230 0.47 0.21 2.47 208.0 10.0 283.8 2.0 0
0.00 65. 995. 10 ADJ-A1 NoSubs
19 11 28 332 15 40.7 0.285 1.056 0.005 1026. 364. -50.2 0.0260 0.47 0.24 3.91 278.0 10.0 283.1 2.0 0
0.00 70. 995. 0 ADJ-A1 NoSubs
19 11 28 332 16 12.8 0.199 0.722 0.005 1048. 216. -54.8 0.0310 0.47 0.33 2.66 22.0 10.0 282.5 2.0 0
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19 11 28 332 17 -4.2 0.086 -9.000 -9.000 -999. 70. 13.6 0.0330 0.47 0.60 1.38 36.0 10.0 282.5 2.0 0
0.00 73. 996. 10 ADJ-A1 NoSubs
19 11 28 332 18 -2.5 0.068 -9.000 -9.000 -999. 43. 11.5 0.0330 0.47 1.00 0.99 46.0 10.0 281.4 2.0 11
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0.00 89. 996. 7 ADJ-A1 NoSubs
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0.00 88. 997. 3 ADJ-A1 NoSubs
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19 11 29 333 1 -15.2 0.164 -9.000 -9.000 -999. 160. 29.6 0.0380 0.47 1.00 2.47 340.0 10.0 276.4 2.0 0
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19 11 29 333 2 -11.0 0.138 -9.000 -9.000 -999. 124. 21.5 0.0380 0.47 1.00 2.11 339.0 10.0 276.4 2.0 0
0.00 92. 1000. 7 ADJ-A1 NoSubs
19 11 29 333 3 -8.7 0.123 -9.000 -9.000 -999. 103. 19.0 0.0380 0.47 1.00 1.89 343.0 10.0 277.5 2.0 0
0.00 89. 1000. 10 ADJ-A1 NoSubs
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0.00 92. 1001. 0 ADJ-A1 NoSubs
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0.00 92. 1002. 0 ADJ-A1 NoSubs
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19 11 29 333 8 -9.6 0.136 -9.000 -9.000 -999. 120. 23.4 0.0380 0.47 0.55 2.06 337.0 10.0 276.4 2.0 0
0.00 92. 1003. 0 ADJ-A1 NoSubs
19 11 29 333 9 13.0 0.123 0.266 0.005 51. 104. -13.0 0.0380 0.47 0.32 1.42 347.0 10.0 279.9 2.0 0
0.00 85. 1004. 0 ADJ-A1 NoSubs
19 11 29 333 10 43.6 0.127 0.553 0.005 139. 108. -4.2 0.0370 0.47 0.23 1.28 153.0 10.0 281.4 2.0 0
0.00 79. 1005. 0 ADJ-A1 NoSubs
19 11 29 333 11 65.2 0.179 0.881 0.005 376. 181. -7.9 0.0370 0.47 0.21 1.96 152.0 10.0 283.1 2.0 0
0.00 76. 1006. 0 ADJ-A1 NoSubs
19 11 29 333 12 64.7 0.246 0.947 0.005 470. 294. -20.7 0.0370 0.47 0.20 2.98 170.0 10.0 284.9 2.0 0
0.00 60. 1006. 7 ADJ-A1 NoSubs
19 11 29 333 13 64.1 0.314 1.051 0.005 649. 422. -43.2 0.0230 0.47 0.20 4.37 193.0 10.0 284.9 2.0 0
0.00 58. 1006. 7 ADJ-A1 NoSubs
19 11 29 333 14 14.0 0.339 0.649 0.005 700. 474. -250.5 0.0230 0.47 0.21 5.04 204.0 10.0 284.9 2.0 0
0.00 58. 1006. 10 ADJ-A1 NoSubs
19 11 29 333 15 8.2 0.304 0.550 0.005 728. 403. -307.4 0.0380 0.47 0.24 4.15 214.0 10.0 284.2 2.0 0
0.00 63. 1006. 10 ADJ-A1 NoSubs
19 11 29 333 16 -0.4 0.217 -9.000 -9.000 -999. 245. 2328.7 0.0290 0.47 0.33 3.17 254.0 10.0 281.4 2.0
11 1.30 85. 1007. 10 ADJ-A1 NoSubs
19 11 29 333 17 -10.3 0.135 -9.000 -9.000 -999. 121. 21.5 0.0310 0.47 0.61 2.13 9.0 10.0 280.9 2.0 11
1.00 92. 1008. 10 ADJ-A1 NoSubs
19 11 29 333 18 -4.1 0.083 -9.000 -9.000 -999. 58. 12.7 0.0310 0.47 1.00 1.33 10.0 10.0 280.4 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 11 29 333 19 -7.5 0.114 -9.000 -9.000 -999. 92. 17.5 0.0380 0.47 1.00 1.76 346.0 10.0 279.9 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 11 29 333 20 -9.4 0.128 -9.000 -9.000 -999. 110. 19.9 0.0380 0.47 1.00 1.96 332.0 10.0 279.9 2.0 0
0.00 92. 1010. 10 ADJ-A1 NoSubs
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0.30 96. 1010. 3 ADJ-A1 NoSubs
19 11 29 333 22 -8.1 0.118 -9.000 -9.000 -999. 97. 18.2 0.0380 0.47 1.00 1.82 340.0 10.0 278.8 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
19 11 29 333 23 -6.6 0.106 -9.000 -9.000 -999. 83. 16.2 0.0380 0.47 1.00 1.65 344.0 10.0 277.5 2.0 0
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0.00 95. 1011. 10 ADJ-A1 NoSubs
19 11 30 334 1 -4.8 0.090 -9.000 -9.000 -999. 65. 13.8 0.0380 0.47 1.00 1.40 344.0 10.0 277.5 2.0 0
0.00 100. 1011. 7 ADJ-A1 NoSubs
19 11 30 334 2 -3.1 0.075 -9.000 -9.000 -999. 49. 12.0 0.0380 0.47 1.00 1.11 345.0 10.0 278.8 2.0 0
0.00 91. 1011. 10 ADJ-A1 NoSubs
19 11 30 334 3 -8.0 0.116 -9.000 -9.000 -999. 95. 17.6 0.0310 0.47 1.00 1.86 16.0 10.0 278.1 2.0 0
0.00 92. 1011. 7 ADJ-A1 NoSubs
19 11 30 334 4 -9.7 0.129 -9.000 -9.000 -999. 111. 20.1 0.0380 0.47 1.00 1.98 347.0 10.0 278.8 2.0 0
0.00 91. 1011. 0 ADJ-A1 NoSubs
19 11 30 334 5 -5.4 0.095 -9.000 -9.000 -999. 70. 14.4 0.0330 0.47 1.00 1.52 50.0 10.0 278.1 2.0 0
0.00 95. 1011. 0 ADJ-A1 NoSubs
19 11 30 334 6 -3.3 0.076 -9.000 -9.000 -999. 51. 11.9 0.0330 0.47 1.00 1.18 51.0 10.0 279.2 2.0 0
0.00 88. 1011. 7 ADJ-A1 NoSubs
19 11 30 334 7 -6.8 0.108 -9.000 -9.000 -999. 85. 16.5 0.0380 0.47 1.00 1.67 343.0 10.0 279.2 2.0 0
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19 11 30 334 8 -3.1 0.075 -9.000 -9.000 -999. 49. 12.4 0.0380 0.47 0.56 1.14 341.0 10.0 279.9 2.0 0

0.00 92. 1012. 10 ADJ-A1 NoSubs
19 11 30 334 9 0.7 0.086 0.060 0.006 11. 61. -83.5 0.0310 0.47 0.32 1.18 23.0 10.0 280.4 2.0 11
0.30 85. 1012. 10 ADJ-A1 NoSubs
19 11 30 334 10 8.3 0.125 0.223 0.005 48. 106. -21.2 0.0330 0.47 0.24 1.55 30.0 10.0 280.4 2.0 11
3.80 999. 1012. 10 ADJ-A1 NoSubs
19 11 30 334 11 13.8 0.117 0.313 0.005 80. 95. -10.4 0.0330 0.47 0.21 1.35 39.0 10.0 281.4 2.0 11
0.30 999. 1011. 10 ADJ-A1 NoSubs
19 11 30 334 12 16.5 0.165 0.418 0.005 160. 161. -24.5 0.0300 0.47 0.20 2.11 95.0 10.0 282.0 2.0 11
1.50 999. 1011. 10 ADJ-A1 NoSubs
19 11 30 334 13 16.4 0.315 0.453 0.005 204. 425. -172.9 0.0300 0.47 0.20 4.44 106.0 10.0 282.0 2.0
11 3.00 999. 1010. 10 ADJ-A1 NoSubs
19 11 30 334 14 13.5 0.256 0.445 0.005 235. 313. -112.8 0.0300 0.47 0.21 3.56 92.0 10.0 282.5 2.0 11
0.80 89. 1010. 10 ADJ-A1 NoSubs
19 11 30 334 15 7.8 0.326 0.379 0.005 251. 446. -398.3 0.0300 0.47 0.24 4.66 96.0 10.0 282.5 2.0 0
0.00 89. 1009. 10 ADJ-A1 NoSubs
19 11 30 334 16 0.1 0.417 0.092 0.005 252. 646. -8888.0 0.0300 0.47 0.33 6.06 97.0 10.0 283.1 2.0 11
0.30 79. 1009. 10 ADJ-A1 NoSubs
19 11 30 334 17 -30.2 0.321 -9.000 -9.000 -999. 442. 113.4 0.0300 0.47 0.61 4.87 107.0 10.0 283.1 2.0
11 0.50 82. 1008. 10 ADJ-A1 NoSubs
19 11 30 334 18 -32.6 0.328 -9.000 -9.000 -999. 450. 118.0 0.0300 0.47 1.00 4.97 111.0 10.0 283.8 2.0
0 0.00 79. 1008. 10 ADJ-A1 NoSubs
19 11 30 334 19 -20.4 0.206 -9.000 -9.000 -999. 232. 46.5 0.0300 0.47 1.00 3.18 114.0 10.0 283.8 2.0
11 0.30 82. 1008. 10 ADJ-A1 NoSubs
19 11 30 334 20 -12.7 0.148 -9.000 -9.000 -999. 138. 24.1 0.0290 0.47 1.00 2.35 74.0 10.0 283.1 2.0 11
2.30 89. 1008. 10 ADJ-A1 NoSubs
19 11 30 334 21 -8.4 0.120 -9.000 -9.000 -999. 99. 18.3 0.0310 0.47 1.00 1.91 3.0 10.0 282.5 2.0 11
1.50 92. 1008. 10 ADJ-A1 NoSubs
19 11 30 334 22 -7.7 0.115 -9.000 -9.000 -999. 93. 17.6 0.0310 0.47 1.00 1.84 22.0 10.0 283.1 2.0 11
2.00 89. 1008. 10 ADJ-A1 NoSubs
19 11 30 334 23 -6.1 0.102 -9.000 -9.000 -999. 78. 15.4 0.0310 0.47 1.00 1.64 23.0 10.0 283.1 2.0 11
2.50 92. 1008. 10 ADJ-A1 NoSubs
19 11 30 334 24 -6.3 0.103 -9.000 -9.000 -999. 80. 15.8 0.0330 0.47 1.00 1.65 42.0 10.0 283.8 2.0 11
2.50 89. 1008. 10 ADJ-A1 NoSubs
19 12 1 335 1 -9.5 0.126 -9.000 -9.000 -999. 107. 18.8 0.0200 0.47 1.00 2.15 64.0 10.0 283.1 2.0 11
4.10 96. 1007. 10 ADJ-A1 NoSubs
19 12 1 335 2 -10.2 0.130 -9.000 -9.000 -999. 113. 19.6 0.0200 0.47 1.00 2.22 66.0 10.0 283.8 2.0 11
3.00 92. 1007. 10 ADJ-A1 NoSubs
19 12 1 335 3 -3.4 0.076 -9.000 -9.000 -999. 51. 11.5 0.0230 0.47 1.00 1.26 22.0 10.0 283.8 2.0 11
1.30 96. 1007. 10 ADJ-A1 NoSubs
19 12 1 335 4 -22.6 0.229 -9.000 -9.000 -999. 264. 57.8 0.0230 0.47 1.00 3.69 119.0 10.0 285.4 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
19 12 1 335 5 -28.9 0.292 -9.000 -9.000 -999. 380. 94.1 0.0280 0.47 1.00 4.51 122.0 10.0 285.4 2.0 11
0.30 82. 1007. 10 ADJ-A1 NoSubs
19 12 1 335 6 -21.4 0.218 -9.000 -9.000 -999. 246. 52.1 0.0230 0.47 1.00 3.51 109.0 10.0 285.9 2.0 0
0.00 79. 1007. 10 ADJ-A1 NoSubs
19 12 1 335 7 -19.2 0.194 -9.000 -9.000 -999. 206. 41.5 0.0230 0.47 1.00 3.15 95.0 10.0 285.4 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
19 12 1 335 8 -25.6 0.292 -9.000 -9.000 -999. 378. 93.7 0.0280 0.47 0.56 4.49 124.0 10.0 285.9 2.0 11
0.80 79. 1008. 10 ADJ-A1 NoSubs
19 12 1 335 9 1.2 0.311 0.094 0.005 24. 416. -2166.7 0.0280 0.47 0.32 4.56 134.0 10.0 284.9 2.0 11
3.30 89. 1009. 10 ADJ-A1 NoSubs
19 12 1 335 10 8.8 0.117 0.321 0.005 134. 138. -16.4 0.0200 0.47 0.24 1.57 67.0 10.0 284.9 2.0 11
4.10 92. 1009. 10 ADJ-A1 NoSubs
19 12 1 335 11 14.2 0.135 0.439 0.005 214. 118. -15.4 0.0200 0.47 0.21 1.79 66.0 10.0 284.9 2.0 11

4.10 96. 1009. 10 ADJ-A1 NoSubs
19 12 1 335 12 16.9 0.173 0.509 0.005 280. 172. -27.4 0.0240 0.47 0.20 2.32 58.0 10.0 284.9 2.0 11
3.80 96. 1008. 10 ADJ-A1 NoSubs
19 12 1 335 13 16.8 0.131 0.539 0.005 334. 114. -12.1 0.0200 0.47 0.20 1.71 73.0 10.0 285.4 2.0 11
3.30 92. 1008. 10 ADJ-A1 NoSubs
19 12 1 335 14 13.8 0.110 0.523 0.005 372. 87. -8.6 0.0230 0.47 0.21 1.34 90.0 10.0 285.1 2.0 11
6.30 93. 1008. 10 ADJ-A1 NoSubs
19 12 1 335 15 8.2 0.212 0.448 0.005 393. 235. -104.5 0.0230 0.47 0.24 3.08 99.0 10.0 285.4 2.0 11
2.70 92. 1007. 10 ADJ-A1 NoSubs
19 12 1 335 16 0.4 0.172 0.170 0.005 394. 172. -1026.1 0.0200 0.47 0.34 2.66 86.0 10.0 285.4 2.0 11
3.80 92. 1008. 10 ADJ-A1 NoSubs
19 12 1 335 17 -19.6 0.210 -9.000 -9.000 -999. 231. 48.6 0.0230 0.47 0.61 3.39 108.0 10.0 284.9 2.0 11
4.10 96. 1008. 10 ADJ-A1 NoSubs
19 12 1 335 18 -12.3 0.145 -9.000 -9.000 -999. 133. 23.0 0.0230 0.47 1.00 2.39 96.0 10.0 285.4 2.0 11
2.00 92. 1009. 10 ADJ-A1 NoSubs
19 12 1 335 19 -16.9 0.171 -9.000 -9.000 -999. 169. 32.1 0.0230 0.47 1.00 2.79 98.0 10.0 285.4 2.0 11
2.50 92. 1009. 10 ADJ-A1 NoSubs
19 12 1 335 20 -9.5 0.126 -9.000 -9.000 -999. 108. 18.9 0.0200 0.47 1.00 2.15 83.0 10.0 285.4 2.0 11
2.80 92. 1009. 10 ADJ-A1 NoSubs
19 12 1 335 21 -6.4 0.103 -9.000 -9.000 -999. 80. 15.5 0.0240 0.47 1.00 1.74 56.0 10.0 285.4 2.0 11
3.80 92. 1009. 10 ADJ-A1 NoSubs
19 12 1 335 22 -4.3 0.085 -9.000 -9.000 -999. 59. 12.7 0.0240 0.47 1.00 1.43 31.0 10.0 285.4 2.0 11
3.00 92. 1010. 10 ADJ-A1 NoSubs
19 12 1 335 23 -6.7 0.106 -9.000 -9.000 -999. 83. 15.8 0.0230 0.47 1.00 1.79 23.0 10.0 285.4 2.0 11
1.00 92. 1009. 10 ADJ-A1 NoSubs
19 12 1 335 24 -9.2 0.124 -9.000 -9.000 -999. 105. 18.8 0.0230 0.47 1.00 2.08 23.0 10.0 284.9 2.0 11
4.60 96. 1010. 10 ADJ-A1 NoSubs
19 12 2 336 1 -10.0 0.130 -9.000 -9.000 -999. 112. 19.8 0.0240 0.47 1.00 2.15 53.0 10.0 285.4 2.0 11
0.80 92. 1009. 10 ADJ-A1 NoSubs
19 12 2 336 2 -10.1 0.130 -9.000 -9.000 -999. 112. 19.5 0.0200 0.47 1.00 2.21 70.0 10.0 284.9 2.0 11
2.00 92. 1010. 10 ADJ-A1 NoSubs
19 12 2 336 3 -12.6 0.146 -9.000 -9.000 -999. 134. 23.6 0.0240 0.47 1.00 2.40 43.0 10.0 285.4 2.0 11
5.60 92. 1010. 10 ADJ-A1 NoSubs
19 12 2 336 4 -23.3 0.235 -9.000 -9.000 -999. 274. 60.8 0.0230 0.47 1.00 3.78 101.0 10.0 285.4 2.0 11
1.00 89. 1010. 10 ADJ-A1 NoSubs
19 12 2 336 5 -19.2 0.194 -9.000 -9.000 -999. 206. 41.5 0.0200 0.47 1.00 3.22 79.0 10.0 285.4 2.0 11
0.30 89. 1010. 10 ADJ-A1 NoSubs
19 12 2 336 6 -14.5 0.158 -9.000 -9.000 -999. 150. 27.3 0.0240 0.47 1.00 2.57 31.0 10.0 285.9 2.0 11
0.30 89. 1010. 7 ADJ-A1 NoSubs
19 12 2 336 7 -5.6 0.097 -9.000 -9.000 -999. 73. 14.6 0.0270 0.47 1.00 1.60 356.0 10.0 285.4 2.0 11
3.00 92. 1010. 10 ADJ-A1 NoSubs
19 12 2 336 8 -6.3 0.105 -9.000 -9.000 -999. 82. 16.7 0.0240 0.47 0.57 1.76 39.0 10.0 285.4 2.0 11
4.80 96. 1011. 10 ADJ-A1 NoSubs
19 12 2 336 9 1.2 0.091 0.118 0.007 50. 66. -57.6 0.0240 0.47 0.32 1.28 35.0 10.0 285.4 2.0 11
4.10 92. 1012. 10 ADJ-A1 NoSubs
19 12 2 336 10 8.8 0.133 0.347 0.006 172. 116. -24.1 0.0240 0.47 0.24 1.77 47.0 10.0 285.4 2.0 11
4.10 96. 1013. 10 ADJ-A1 NoSubs
19 12 2 336 11 14.4 0.149 0.466 0.006 255. 138. -20.8 0.0230 0.47 0.21 1.98 18.0 10.0 286.4 2.0 11
1.50 89. 1013. 10 ADJ-A1 NoSubs
19 12 2 336 12 17.0 0.128 0.526 0.007 307. 110. -11.2 0.0240 0.47 0.20 1.60 55.0 10.0 286.4 2.0 11
0.80 89. 1013. 10 ADJ-A1 NoSubs
19 12 2 336 13 16.9 0.090 0.532 0.006 321. 65. -3.9 0.0200 0.47 0.20 1.04 77.0 10.0 286.4 2.0 11
2.80 89. 1012. 10 ADJ-A1 NoSubs
19 12 2 336 14 14.0 0.123 0.504 0.006 331. 103. -11.9 0.0230 0.47 0.21 1.55 14.0 10.0 286.4 2.0 11

6.10 92. 1012. 10 ADJ-A1 NoSubs
19 12 2 336 15 8.5 0.137 0.430 0.006 338. 122. -27.3 0.0240 0.47 0.24 1.84 31.0 10.0 287.0 2.0 11
4.80 96. 1012. 10 ADJ-A1 NoSubs
19 12 2 336 16 0.7 0.331 0.191 0.005 338. 457. -4426.7 0.0230 0.47 0.34 5.02 105.0 10.0 287.0 2.0 11
1.50 999. 1012. 10 ADJ-A1 NoSubs
19 12 2 336 17 -20.0 0.231 -9.000 -9.000 -999. 272. 58.8 0.0230 0.47 0.61 3.71 103.0 10.0 287.0 2.0 0
0.00 999. 1012. 5 ADJ-A1 NoSubs
19 12 2 336 18 -7.7 0.113 -9.000 -9.000 -999. 101. 17.1 0.0230 0.47 1.00 1.91 99.0 10.0 286.4 2.0 0
0.00 999. 1013. 5 ADJ-A1 NoSubs
19 12 2 336 19 -4.3 0.084 -9.000 -9.000 -999. 59. 12.6 0.0230 0.47 1.00 1.43 21.0 10.0 285.4 2.0 0
0.00 999. 1013. 7 ADJ-A1 NoSubs
19 12 2 336 20 -10.9 0.137 -9.000 -9.000 -999. 121. 21.1 0.0270 0.47 1.00 2.21 343.0 10.0 285.4 2.0 0
0.00 999. 1013. 7 ADJ-A1 NoSubs
19 12 2 336 21 -4.8 0.089 -9.000 -9.000 -999. 64. 13.5 0.0270 0.47 1.00 1.48 332.0 10.0 285.4 2.0 11
0.30 999. 1014. 7 ADJ-A1 NoSubs
19 12 2 336 22 -8.7 0.121 -9.000 -9.000 -999. 101. 18.5 0.0270 0.47 1.00 1.98 331.0 10.0 285.4 2.0 0
0.00 999. 1014. 7 ADJ-A1 NoSubs
19 12 2 336 23 -7.9 0.115 -9.000 -9.000 -999. 93. 17.3 0.0230 0.47 1.00 1.93 317.0 10.0 285.4 2.0 0
0.00 999. 1014. 3 ADJ-A1 NoSubs
19 12 2 336 24 -10.2 0.131 -9.000 -9.000 -999. 114. 20.2 0.0270 0.47 1.00 2.13 335.0 10.0 284.9 2.0 0
0.00 999. 1014. 0 ADJ-A1 NoSubs
19 12 3 337 1 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0230 0.47 1.00 1.77 322.0 10.0 284.2 2.0 0
0.00 999. 1015. 10 ADJ-A1 NoSubs
19 12 3 337 2 -12.7 0.147 -9.000 -9.000 -999. 136. 23.9 0.0270 0.47 1.00 2.37 340.0 10.0 283.8 2.0 0
0.00 999. 1014. 7 ADJ-A1 NoSubs
19 12 3 337 3 -6.3 0.102 -9.000 -9.000 -999. 79. 15.4 0.0270 0.47 1.00 1.69 346.0 10.0 283.1 2.0 0
0.00 999. 1014. 0 ADJ-A1 NoSubs
19 12 3 337 4 -4.6 0.088 -9.000 -9.000 -999. 62. 13.2 0.0270 0.47 1.00 1.45 347.0 10.0 282.5 2.0 0
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19 12 3 337 5 -6.9 0.107 -9.000 -9.000 -999. 85. 16.2 0.0270 0.47 1.00 1.77 342.0 10.0 282.5 2.0 0
0.00 999. 1013. 3 ADJ-A1 NoSubs
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19 12 3 337 8 -2.7 0.071 -9.000 -9.000 -999. 45. 12.1 0.0270 0.47 0.58 1.16 355.0 10.0 283.1 2.0 11
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0.00 86. 1013. 7 ADJ-A1 NoSubs
19 12 3 337 12 75.3 0.126 0.920 0.009 374. 107. -2.4 0.0230 0.47 0.20 1.31 114.0 10.0 288.1 2.0 0
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19 12 3 337 13 77.6 0.213 1.032 0.009 510. 235. -11.1 0.0230 0.47 0.20 2.67 118.0 10.0 289.2 2.0 0
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19 12 3 337 14 62.8 0.234 1.024 0.009 616. 271. -18.3 0.0230 0.47 0.21 3.07 115.0 10.0 290.4 2.0 0
0.00 72. 1009. 0 ADJ-A1 NoSubs
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19 12 3 337 17 -3.1 0.073 -9.000 -9.000 -999. 50. 11.4 0.0180 0.47 0.61 1.28 271.0 10.0 288.8 2.0 0

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19 12 3 337 22 -6.0 0.100 -9.000 -9.000 -999. 77. 15.0 0.0240 0.47 1.00 1.69 43.0 10.0 285.4 2.0 0
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19 12 3 337 23 -5.1 0.092 -9.000 -9.000 -999. 67. 13.9 0.0270 0.47 1.00 1.53 338.0 10.0 285.4 2.0 11
2.00 92. 1008. 10 ADJ-A1 NoSubs
19 12 3 337 24 -9.9 0.130 -9.000 -9.000 -999. 112. 19.7 0.0230 0.47 1.00 2.16 19.0 10.0 285.9 2.0 11
1.50 89. 1006. 10 ADJ-A1 NoSubs
19 12 4 338 1 -13.8 0.154 -9.000 -9.000 -999. 146. 26.2 0.0240 0.47 1.00 2.52 52.0 10.0 285.4 2.0 11
0.80 92. 1005. 10 ADJ-A1 NoSubs
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0.30 86. 1006. 10 ADJ-A1 NoSubs
19 12 4 338 3 -18.6 0.189 -9.000 -9.000 -999. 197. 39.4 0.0240 0.47 1.00 3.05 43.0 10.0 285.4 2.0 11
2.00 92. 1005. 10 ADJ-A1 NoSubs
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1.00 92. 1005. 10 ADJ-A1 NoSubs
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5.80 96. 1004. 10 ADJ-A1 NoSubs
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3.00 92. 1004. 10 ADJ-A1 NoSubs
19 12 4 338 7 -11.6 0.140 -9.000 -9.000 -999. 126. 21.5 0.0200 0.47 1.00 2.37 82.0 10.0 284.9 2.0 11
6.90 96. 1004. 10 ADJ-A1 NoSubs
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1.50 92. 1005. 10 ADJ-A1 NoSubs
19 12 4 338 9 0.9 0.210 0.128 0.005 87. 231. -956.8 0.0230 0.47 0.33 3.17 100.0 10.0 285.4 2.0 11
1.50 92. 1004. 10 ADJ-A1 NoSubs
19 12 4 338 10 8.7 0.107 0.306 0.007 118. 89. -12.7 0.0280 0.47 0.24 1.31 136.0 10.0 286.4 2.0 0
0.00 89. 1005. 10 ADJ-A1 NoSubs
19 12 4 338 11 14.2 0.161 0.395 0.006 155. 155. -26.3 0.0200 0.47 0.21 2.23 80.0 10.0 287.0 2.0 11
4.10 92. 1005. 10 ADJ-A1 NoSubs
19 12 4 338 12 74.9 0.187 0.893 0.005 341. 194. -7.8 0.0240 0.47 0.20 2.25 59.0 10.0 288.8 2.0 0
0.00 83. 1004. 5 ADJ-A1 NoSubs
19 12 4 338 13 17.2 0.149 0.566 0.005 376. 138. -17.3 0.0310 0.47 0.20 1.84 153.0 10.0 288.8 2.0 0
0.00 79. 1004. 10 ADJ-A1 NoSubs
19 12 4 338 14 14.1 0.118 0.542 0.005 403. 98. -10.5 0.0180 0.47 0.21 1.55 270.0 10.0 288.1 2.0 11
0.50 89. 1004. 10 ADJ-A1 NoSubs
19 12 4 338 15 8.3 0.203 0.460 0.005 417. 219. -89.6 0.0180 0.47 0.24 3.05 242.0 10.0 287.0 2.0 11
2.80 92. 1004. 10 ADJ-A1 NoSubs
19 12 4 338 16 0.7 0.121 0.206 0.005 418. 103. -209.9 0.0270 0.47 0.34 1.74 339.0 10.0 287.5 2.0 11
0.50 93. 1005. 10 ADJ-A1 NoSubs
19 12 4 338 17 -5.8 0.100 -9.000 -9.000 -999. 76. 15.4 0.0230 0.47 0.61 1.69 16.0 10.0 287.5 2.0 11
0.30 93. 1005. 10 ADJ-A1 NoSubs
19 12 4 338 18 -4.1 0.083 -9.000 -9.000 -999. 58. 12.5 0.0240 0.47 1.00 1.40 36.0 10.0 287.0 2.0 0
0.00 96. 1006. 10 ADJ-A1 NoSubs
19 12 4 338 19 -2.6 0.068 -9.000 -9.000 -999. 43. 10.7 0.0200 0.47 1.00 1.11 70.0 10.0 287.0 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 12 4 338 20 -2.5 0.068 -9.000 -9.000 -999. 43. 11.4 0.0310 0.47 1.00 1.01 161.0 10.0 286.4 2.0 0

0.00 92. 1007. 10 ADJ-A1 NoSubs
19 12 4 338 21 -4.1 0.082 -9.000 -9.000 -999. 57. 12.2 0.0200 0.47 1.00 1.43 74.0 10.0 285.9 2.0 0
0.00 92. 1008. 7 ADJ-A1 NoSubs
19 12 4 338 22 -3.1 0.074 -9.000 -9.000 -999. 48. 11.5 0.0270 0.47 1.00 1.18 350.0 10.0 285.4 2.0 0
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19 12 4 338 23 -3.3 0.075 -9.000 -9.000 -999. 50. 11.5 0.0230 0.47 1.00 1.25 12.0 10.0 284.2 2.0 0
0.00 96. 1009. 3 ADJ-A1 NoSubs
19 12 4 338 24 -2.3 0.066 -9.000 -9.000 -999. 41. 11.2 0.0270 0.47 1.00 0.97 343.0 10.0 283.8 2.0 0
0.00 96. 1009. 10 ADJ-A1 NoSubs
19 12 5 339 1 -1.9 0.061 -9.000 -9.000 -999. 36. 10.8 0.0180 0.47 1.00 0.89 285.0 10.0 282.5 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 12 5 339 2 -3.3 0.075 -9.000 -9.000 -999. 50. 11.6 0.0270 0.47 1.00 1.21 350.0 10.0 282.5 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 12 5 339 3 -3.1 0.072 -9.000 -9.000 -999. 46. 11.0 0.0200 0.47 1.00 1.21 69.0 10.0 283.1 2.0 0
0.00 96. 1010. 10 ADJ-A1 NoSubs
19 12 5 339 4 -2.7 0.070 -9.000 -9.000 -999. 44. 11.2 0.0270 0.47 1.00 1.08 346.0 10.0 281.4 2.0 0
0.00 100. 1010. 10 ADJ-A1 NoSubs
19 12 5 339 5 -6.5 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.47 1.00 1.76 329.0 10.0 282.0 2.0 0
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19 12 5 339 7 -2.7 0.069 -9.000 -9.000 -999. 43. 10.9 0.0230 0.47 1.00 1.09 327.0 10.0 282.5 2.0 0
0.00 96. 1012. 0 ADJ-A1 NoSubs
19 12 5 339 8 -6.8 0.111 -9.000 -9.000 -999. 89. 18.2 0.0230 0.47 0.59 1.86 5.0 10.0 283.8 2.0 0
0.00 92. 1012. 5 ADJ-A1 NoSubs
19 12 5 339 9 10.1 0.138 0.281 0.006 79. 123. -23.3 0.0270 0.47 0.33 1.79 340.0 10.0 285.9 2.0 0
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19 12 5 339 10 41.0 0.115 0.593 0.005 184. 93. -3.3 0.0270 0.47 0.24 1.21 339.0 10.0 288.8 2.0 0
0.00 77. 1013. 0 ADJ-A1 NoSubs
19 12 5 339 11 62.8 0.162 0.851 0.005 355. 156. -6.1 0.0230 0.47 0.21 1.91 99.0 10.0 289.2 2.0 0
0.00 71. 1013. 0 ADJ-A1 NoSubs
19 12 5 339 12 17.4 0.200 0.576 0.005 395. 215. -41.7 0.0280 0.47 0.20 2.69 138.0 10.0 289.9 2.0 0
0.00 74. 1013. 10 ADJ-A1 NoSubs
19 12 5 339 13 17.5 0.096 0.594 0.005 432. 77. -4.5 0.0210 0.47 0.20 1.11 212.0 10.0 290.4 2.0 0
0.00 72. 1012. 10 ADJ-A1 NoSubs
19 12 5 339 14 14.3 0.197 0.565 0.005 454. 210. -48.1 0.0180 0.47 0.21 2.88 287.0 10.0 289.2 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
19 12 5 339 15 8.8 0.212 0.483 0.005 462. 234. -98.0 0.0230 0.47 0.25 3.07 303.0 10.0 289.2 2.0 0
0.00 74. 1012. 10 ADJ-A1 NoSubs
19 12 5 339 16 1.0 0.156 0.233 0.005 462. 148. -345.7 0.0230 0.47 0.34 2.33 322.0 10.0 288.8 2.0 0
0.00 77. 1011. 10 ADJ-A1 NoSubs
19 12 5 339 17 -10.2 0.136 -9.000 -9.000 -999. 121. 22.5 0.0230 0.47 0.62 2.25 328.0 10.0 288.1 2.0 0
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19 12 5 339 18 -7.4 0.111 -9.000 -9.000 -999. 89. 16.7 0.0230 0.47 1.00 1.87 307.0 10.0 287.0 2.0 0
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19 12 5 339 19 -18.8 0.191 -9.000 -9.000 -999. 200. 40.1 0.0180 0.47 1.00 3.22 289.0 10.0 287.5 2.0 0
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19 12 5 339 21 -5.6 0.097 -9.000 -9.000 -999. 72. 14.6 0.0270 0.47 1.00 1.60 338.0 10.0 287.0 2.0 0
0.00 83. 1012. 0 ADJ-A1 NoSubs
19 12 5 339 22 -8.4 0.119 -9.000 -9.000 -999. 98. 17.9 0.0230 0.47 1.00 1.99 318.0 10.0 285.9 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 12 5 339 23 -6.9 0.107 -9.000 -9.000 -999. 84. 16.0 0.0230 0.47 1.00 1.81 329.0 10.0 284.2 2.0 0

0.00 92. 1012. 3 ADJ-A1 NoSubs
19 12 5 339 24 -6.9 0.107 -9.000 -9.000 -999. 85. 16.2 0.0270 0.47 1.00 1.77 349.0 10.0 284.2 2.0 0
0.00 92. 1012. 7 ADJ-A1 NoSubs
19 12 6 340 1 -10.1 0.131 -9.000 -9.000 -999. 114. 20.2 0.0270 0.47 1.00 2.13 352.0 10.0 284.2 2.0 0
0.00 92. 1012. 5 ADJ-A1 NoSubs
19 12 6 340 2 -8.5 0.120 -9.000 -9.000 -999. 100. 18.3 0.0270 0.47 1.00 1.96 357.0 10.0 283.8 2.0 0
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19 12 6 340 3 -6.1 0.101 -9.000 -9.000 -999. 77. 15.2 0.0270 0.47 1.00 1.67 345.0 10.0 283.1 2.0 0
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19 12 6 340 4 -10.5 0.133 -9.000 -9.000 -999. 117. 20.4 0.0270 0.47 1.00 2.16 333.0 10.0 283.1 2.0 0
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19 12 6 340 5 -10.7 0.135 -9.000 -9.000 -999. 119. 20.7 0.0270 0.47 1.00 2.18 354.0 10.0 283.1 2.0 0
0.00 92. 1012. 0 ADJ-A1 NoSubs
19 12 6 340 6 -13.0 0.149 -9.000 -9.000 -999. 139. 24.6 0.0270 0.47 1.00 2.40 351.0 10.0 283.1 2.0 0
0.00 92. 1011. 7 ADJ-A1 NoSubs
19 12 6 340 7 -7.1 0.109 -9.000 -9.000 -999. 86. 16.4 0.0270 0.47 1.00 1.79 345.0 10.0 283.1 2.0 0
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19 12 6 340 8 -10.1 0.134 -9.000 -9.000 -999. 117. 21.4 0.0270 0.47 0.60 2.16 337.0 10.0 285.4 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 12 6 340 9 15.4 0.107 0.334 0.005 87. 84. -7.2 0.0270 0.47 0.33 1.25 339.0 10.0 288.1 2.0 0
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19 12 6 340 10 40.7 0.156 0.733 0.005 349. 148. -8.5 0.0230 0.47 0.24 1.91 102.0 10.0 289.9 2.0 0
0.00 66. 1013. 0 ADJ-A1 NoSubs
19 12 6 340 11 54.7 0.269 0.952 0.005 570. 335. -32.1 0.0230 0.47 0.21 3.68 110.0 10.0 290.9 2.0 0
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19 12 6 340 12 17.7 0.264 0.667 0.005 603. 325. -93.1 0.0280 0.47 0.20 3.68 123.0 10.0 291.4 2.0 0
0.00 62. 1010. 10 ADJ-A1 NoSubs
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0.00 51. 1009. 10 ADJ-A1 NoSubs
19 12 6 340 15 9.5 0.351 0.559 0.005 662. 503. -412.3 0.0310 0.47 0.25 5.00 172.0 10.0 292.0 2.0 0
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19 12 6 340 16 1.4 0.197 0.292 0.005 662. 228. -511.0 0.0210 0.47 0.34 3.01 238.0 10.0 290.4 2.0 0
0.00 64. 1010. 10 ADJ-A1 NoSubs
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19 12 6 340 19 -30.6 0.314 -9.000 -9.000 -999. 423. 108.6 0.0280 0.47 1.00 4.83 148.0 10.0 289.9 2.0 0
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11 0.50 77. 1010. 10 ADJ-A1 NoSubs
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11 0.30 80. 1010. 10 ADJ-A1 NoSubs
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0.50 86. 1010. 10 ADJ-A1 NoSubs
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1.80 89. 1010. 10 ADJ-A1 NoSubs
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0.00 86. 1010. 10 ADJ-A1 NoSubs
19 12 7 341 4 -19.3 0.196 -9.000 -9.000 -999. 210. 42.5 0.0170 0.47 1.00 3.34 209.0 10.0 287.5 2.0 11
0.30 93. 1010. 10 ADJ-A1 NoSubs
19 12 7 341 5 -11.6 0.140 -9.000 -9.000 -999. 126. 21.5 0.0210 0.47 1.00 2.35 236.0 10.0 287.5 2.0 11
0.30 93. 1010. 10 ADJ-A1 NoSubs
19 12 7 341 6 -14.2 0.155 -9.000 -9.000 -999. 147. 26.5 0.0210 0.47 1.00 2.59 235.0 10.0 286.4 2.0 11
0.80 92. 1010. 3 ADJ-A1 NoSubs
19 12 7 341 7 -8.8 0.120 -9.000 -9.000 -999. 100. 17.8 0.0170 0.47 1.00 2.11 199.0 10.0 286.4 2.0 0
0.00 89. 1010. 0 ADJ-A1 NoSubs
19 12 7 341 8 -10.1 0.136 -9.000 -9.000 -999. 121. 22.8 0.0230 0.47 0.60 2.25 18.0 10.0 287.0 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
19 12 7 341 9 14.9 0.207 0.416 0.005 174. 226. -53.5 0.0170 0.47 0.34 3.07 185.0 10.0 288.1 2.0 0
0.00 89. 1011. 5 ADJ-A1 NoSubs
19 12 7 341 10 40.3 0.422 0.766 0.005 402. 658. -168.3 0.0210 0.47 0.24 6.31 219.0 10.0 290.4 2.0 0
0.00 80. 1011. 0 ADJ-A1 NoSubs
19 12 7 341 11 62.4 0.384 1.017 0.005 607. 571. -81.5 0.0210 0.47 0.21 5.60 211.0 10.0 292.0 2.0 0
0.00 69. 1011. 0 ADJ-A1 NoSubs
19 12 7 341 12 63.1 0.464 1.086 0.005 732. 759. -142.8 0.0210 0.47 0.20 6.91 220.0 10.0 292.0 2.0 0
0.00 62. 1010. 7 ADJ-A1 NoSubs
19 12 7 341 13 17.6 0.450 0.718 0.005 757. 726. -468.2 0.0210 0.47 0.20 6.86 224.0 10.0 291.4 2.0 0
0.00 67. 1010. 10 ADJ-A1 NoSubs
19 12 7 341 14 14.7 0.469 0.684 0.005 779. 770. -628.8 0.0210 0.47 0.21 7.16 213.0 10.0 291.4 2.0 0
0.00 67. 1009. 10 ADJ-A1 NoSubs
19 12 7 341 15 9.1 0.571 0.585 0.005 792. 1035. -1843.7 0.0210 0.47 0.25 8.78 214.0 10.0 290.9 2.0 0
0.00 69. 1009. 10 ADJ-A1 NoSubs
19 12 7 341 16 1.3 0.548 0.308 0.005 793. 974. -8888.0 0.0210 0.47 0.34 8.44 212.0 10.0 290.4 2.0 0
0.00 75. 1009. 10 ADJ-A1 NoSubs
19 12 7 341 17 -45.6 0.497 -9.000 -9.000 -999. 845. 272.2 0.0210 0.47 0.62 7.86 212.0 10.0 289.2 2.0 0
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19 12 7 341 18 -44.8 0.459 -9.000 -9.000 -999. 748. 231.4 0.0210 0.47 1.00 7.28 210.0 10.0 288.8 2.0
11 0.30 86. 1009. 10 ADJ-A1 NoSubs
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11 4.30 93. 1009. 10 ADJ-A1 NoSubs
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11 0.80 96. 1010. 10 ADJ-A1 NoSubs
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0.30 93. 1009. 10 ADJ-A1 NoSubs
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3.60 92. 1009. 10 ADJ-A1 NoSubs
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0.00 96. 1009. 10 ADJ-A1 NoSubs
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0.00 92. 1010. 10 ADJ-A1 NoSubs
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0.50 92. 1010. 7 ADJ-A1 NoSubs
19 12 8 342 8 -5.3 0.095 -9.000 -9.000 -999. 79. 14.7 0.0230 0.47 0.61 1.62 301.0 10.0 286.4 2.0 11
0.30 92. 1011. 10 ADJ-A1 NoSubs
19 12 8 342 9 0.6 0.072 0.062 0.005 13. 46. -52.7 0.0180 0.47 0.34 1.06 259.0 10.0 287.0 2.0 0
0.00 89. 1011. 10 ADJ-A1 NoSubs
19 12 8 342 10 8.1 0.107 0.303 0.005 124. 84. -13.5 0.0180 0.47 0.25 1.43 257.0 10.0 286.4 2.0 11
1.50 92. 1012. 10 ADJ-A1 NoSubs
19 12 8 342 11 53.2 0.111 0.842 0.005 404. 89. -2.3 0.0310 0.47 0.21 1.08 151.0 10.0 288.1 2.0 0
0.00 83. 1011. 7 ADJ-A1 NoSubs
19 12 8 342 12 73.0 0.254 1.095 0.005 648. 307. -20.2 0.0210 0.47 0.20 3.42 226.0 10.0 288.1 2.0 0
0.00 86. 1011. 5 ADJ-A1 NoSubs
19 12 8 342 13 16.7 0.230 0.684 0.005 691. 265. -66.0 0.0180 0.47 0.20 3.42 245.0 10.0 288.1 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 12 8 342 14 13.8 0.186 0.653 0.005 725. 193. -41.9 0.0180 0.47 0.21 2.70 254.0 10.0 288.1 2.0 11
0.30 83. 1011. 10 ADJ-A1 NoSubs
19 12 8 342 15 35.8 0.178 0.923 0.005 792. 181. -14.3 0.0180 0.47 0.25 2.40 262.0 10.0 287.5 2.0 11
0.30 86. 1011. 7 ADJ-A1 NoSubs
19 12 8 342 16 12.5 0.154 0.654 0.005 808. 145. -26.5 0.0180 0.47 0.34 2.18 240.0 10.0 287.5 2.0 0
0.00 83. 1011. 3 ADJ-A1 NoSubs
19 12 8 342 17 -10.9 0.141 -9.000 -9.000 -999. 127. 22.9 0.0210 0.47 0.62 2.35 234.0 10.0 286.4 2.0 0
0.00 89. 1011. 7 ADJ-A1 NoSubs
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0.00 92. 1012. 3 ADJ-A1 NoSubs
19 12 8 342 19 -4.1 0.082 -9.000 -9.000 -999. 56. 11.9 0.0170 0.47 1.00 1.45 192.0 10.0 285.4 2.0 0
0.00 96. 1012. 7 ADJ-A1 NoSubs
19 12 8 342 20 -4.3 0.085 -9.000 -9.000 -999. 60. 13.0 0.0280 0.47 1.00 1.40 144.0 10.0 285.4 2.0 0
0.00 96. 1013. 10 ADJ-A1 NoSubs
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0.00 96. 1013. 10 ADJ-A1 NoSubs
19 12 8 342 22 -2.8 0.070 -9.000 -9.000 -999. 45. 11.0 0.0230 0.47 1.00 1.13 27.0 10.0 285.9 2.0 0
0.00 89. 1014. 10 ADJ-A1 NoSubs
19 12 8 342 23 -4.2 0.084 -9.000 -9.000 -999. 58. 12.5 0.0230 0.47 1.00 1.42 3.0 10.0 285.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
19 12 8 342 24 -2.9 0.071 -9.000 -9.000 -999. 45. 11.1 0.0230 0.47 1.00 1.14 10.0 10.0 285.4 2.0 0
0.00 92. 1014. 7 ADJ-A1 NoSubs
19 12 9 343 1 -3.6 0.079 -9.000 -9.000 -999. 53. 12.0 0.0270 0.47 1.00 1.28 331.0 10.0 284.9 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
19 12 9 343 2 -6.5 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 322.0 10.0 284.2 2.0 0
0.00 92. 1014. 10 ADJ-SFC NoSubs
19 12 9 343 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 283.8 2.0
0 0.00 96. 1014. 0 ADJ-SFC NoSubs
19 12 9 343 4 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.47 1.00 2.36 1.0 10.0 283.1 2.0 0
0.00 96. 1014. 10 ADJ-SFC NoSubs
19 12 9 343 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 282.0 2.0
0 0.00 95. 1015. 5 ADJ-SFC NoSubs
19 12 9 343 6 -11.4 0.137 -9.000 -9.000 -999. 121. 20.6 0.0180 0.47 1.00 2.36 297.0 10.0 281.4 2.0 0
0.00 96. 1016. 0 ADJ-SFC NoSubs
19 12 9 343 7 -12.7 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.47 1.00 2.36 336.0 10.0 281.4 2.0 0
0.00 96. 1016. 3 ADJ-SFC NoSubs
19 12 9 343 8 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.62 0.00 0.0 10.0 282.0 2.0

0 0.00 95. 1016. 10 ADJ-SFC NoSubs
19 12 9 343 9 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.34 0.00 0.0 10.0 283.1 2.0
0 0.00 92. 1017. 10 ADJ-SFC NoSubs
19 12 9 343 10 7.6 0.131 0.254 0.008 77. 114. -26.8 0.0240 0.47 0.25 1.76 32.0 10.0 284.9 2.0 0
0.00 92. 1017. 10 ADJ-SFC NoSubs
19 12 9 343 11 13.3 0.133 0.348 0.008 115. 117. -16.1 0.0210 0.47 0.21 1.76 220.0 10.0 285.9 2.0 0
0.00 86. 1017. 10 ADJ-SFC NoSubs
19 12 9 343 12 16.2 -9.000 -9.000 -9.000 148. -999. -99999.0 0.0228 0.47 0.20 0.00 0.0 10.0 286.4 2.0 0
0.00 80. 1017. 10 ADJ-SFC NoSubs
19 12 9 343 13 16.4 -9.000 -9.000 -9.000 177. -999. -99999.0 0.0228 0.47 0.20 0.00 0.0 10.0 287.5 2.0 0
0.00 74. 1016. 10 ADJ-SFC NoSubs
19 12 9 343 14 62.4 0.186 0.805 0.006 303. 193. -9.3 0.0200 0.47 0.21 2.36 85.0 10.0 288.8 2.0 0
0.00 68. 1015. 5 ADJ-SFC NoSubs
19 12 9 343 15 38.9 -9.000 -9.000 -9.000 362. -999. -99999.0 0.0228 0.47 0.25 0.00 0.0 10.0 289.2 2.0 0
0.00 66. 1015. 0 ADJ-SFC NoSubs
19 12 9 343 16 8.3 0.191 0.441 0.006 372. 201. -76.3 0.0180 0.47 0.34 2.86 283.0 10.0 288.1 2.0 0
0.00 74. 1015. 0 ADJ-SFC NoSubs
19 12 9 343 17 -15.5 0.169 -9.000 -9.000 -999. 166. 31.3 0.0180 0.47 0.62 2.86 282.0 10.0 285.9 2.0 0
0.00 41. 1015. 0 ADJ-SFC NoSubs
19 12 9 343 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 44. 1016. 0 ADJ-SFC NoSubs
19 12 9 343 19 -6.6 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 304.0 10.0 283.1 2.0 0
0.00 47. 1016. 0 ADJ-SFC NoSubs
19 12 9 343 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 283.1 2.0
0 0.00 47. 1017. 0 ADJ-SFC NoSubs
19 12 9 343 21 -6.9 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.47 1.00 1.76 341.0 10.0 283.1 2.0 0
0.00 45. 1017. 7 ADJ-SFC NoSubs
19 12 9 343 22 -6.9 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.47 1.00 1.76 335.0 10.0 282.5 2.0 0
0.00 47. 1017. 0 ADJ-SFC NoSubs
19 12 9 343 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 282.0 2.0
0 0.00 49. 1017. 5 ADJ-SFC NoSubs
19 12 9 343 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 51. 1017. 0 ADJ-SFC NoSubs
19 12 10 344 1 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 282.0 2.0
0 0.00 45. 1017. 0 ADJ-SFC NoSubs
19 12 10 344 2 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 49. 1017. 0 ADJ-SFC NoSubs
19 12 10 344 3 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.47 1.00 2.36 328.0 10.0 281.4 2.0 0
0.00 47. 1017. 0 ADJ-SFC NoSubs
19 12 10 344 4 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.47 1.00 1.76 317.0 10.0 282.0 2.0 0
0.00 45. 1018. 0 ADJ-SFC NoSubs
19 12 10 344 5 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 45. 1017. 0 ADJ-SFC NoSubs
19 12 10 344 6 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 999. 1017. 0 ADJ-SFC Sub_TT
19 12 10 344 7 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 281.4 2.0
0 0.00 999. 1018. 0 ADJ-SFC Sub_TT
19 12 10 344 8 -6.4 0.104 -9.000 -9.000 -999. 81. 16.0 0.0230 0.47 0.62 1.76 313.0 10.0 281.4 2.0 0
0.00 92. 1019. 0 ADJ-SFC NoSubs
19 12 10 344 9 6.7 -9.000 -9.000 -9.000 71. -999. -99999.0 0.0228 0.47 0.34 0.00 0.0 10.0 282.5 2.0 0
0.00 96. 1019. 0 ADJ-SFC NoSubs
19 12 10 344 10 37.4 0.183 0.665 0.009 286. 188. -14.9 0.0230 0.47 0.25 2.36 106.0 10.0 284.9 2.0 0
0.00 89. 1019. 0 ADJ-SFC NoSubs
19 12 10 344 11 59.7 0.227 0.963 0.011 543. 259. -17.7 0.0280 0.47 0.21 2.86 123.0 10.0 287.0 2.0 0

0.00 77. 1019. 0 ADJ-SFC NoSubs
19 12 10 344 12 71.4 0.284 1.042 0.010 576. 363. -29.1 0.0230 0.47 0.20 3.86 106.0 10.0 288.8 2.0 0
0.00 68. 1018. 0 ADJ-SFC NoSubs
19 12 10 344 13 71.7 -9.000 -9.000 -9.000 608. -999. -99999.0 0.0228 0.47 0.20 0.00 0.0 10.0 289.9 2.0
0 0.00 61. 1017. 0 ADJ-SFC NoSubs
19 12 10 344 14 60.6 0.152 1.013 0.009 622. 142. -5.2 0.0228 0.47 0.21 1.76 999.0 10.0 289.9 2.0 0
0.00 57. 1017. 0 ADJ-SFC NoSubs
19 12 10 344 15 38.7 0.181 0.876 0.008 630. 185. -13.8 0.0210 0.47 0.25 2.36 215.0 10.0 289.2 2.0 0
0.00 64. 1017. 0 ADJ-SFC NoSubs
19 12 10 344 16 8.3 0.165 0.524 0.008 631. 161. -49.6 0.0210 0.47 0.34 2.36 221.0 10.0 288.1 2.0 0
0.00 68. 1016. 0 ADJ-SFC NoSubs
19 12 10 344 17 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.62 0.00 0.0 10.0 287.0 2.0
0 0.00 77. 1016. 0 ADJ-SFC NoSubs
19 12 10 344 18 -16.8 0.168 -9.000 -9.000 -999. 166. 31.1 0.0180 0.47 1.00 2.86 271.0 10.0 284.2 2.0 0
0.00 92. 1017. 0 ADJ-SFC NoSubs
19 12 10 344 19 -11.3 0.137 -9.000 -9.000 -999. 122. 20.6 0.0180 0.47 1.00 2.36 278.0 10.0 285.9 2.0 0
0.00 86. 1018. 3 ADJ-SFC NoSubs
19 12 10 344 20 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 285.9 2.0
0 0.00 82. 1018. 7 ADJ-SFC NoSubs
19 12 10 344 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 286.1 2.0
0 0.00 81. 1019. 10 ADJ-SFC NoSubs
19 12 10 344 22 -6.6 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 106.0 10.0 285.4 2.0 11
0.70 89. 1018. 10 ADJ-SFC NoSubs
19 12 10 344 23 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.47 1.00 2.36 94.0 10.0 285.4 2.0 11
0.50 92. 1018. 10 ADJ-SFC NoSubs
19 12 10 344 24 -6.6 0.104 -9.000 -9.000 -999. 80. 15.5 0.0230 0.47 1.00 1.76 14.0 10.0 284.9 2.0 0
0.00 96. 1019. 10 ADJ-SFC NoSubs
19 12 11 345 1 -12.6 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.47 1.00 2.36 331.0 10.0 284.2 2.0 0
0.00 92. 1018. 10 ADJ-SFC NoSubs
19 12 11 345 2 -6.6 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.47 1.00 1.76 328.0 10.0 284.9 2.0 0
0.00 92. 1018. 10 ADJ-SFC NoSubs
19 12 11 345 3 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 284.9 2.0
0 0.00 89. 1018. 10 ADJ-SFC NoSubs
19 12 11 345 4 -12.1 0.143 -9.000 -9.000 -999. 129. 22.4 0.0230 0.47 1.00 2.36 322.0 10.0 284.2 2.0 0
0.00 92. 1018. 10 ADJ-SFC NoSubs
19 12 11 345 5 -6.9 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.47 1.00 1.76 345.0 10.0 284.2 2.0 0
0.00 92. 1018. 10 ADJ-SFC NoSubs
19 12 11 345 6 -8.8 0.122 -9.000 -9.000 -999. 102. 18.6 0.0270 0.47 1.00 1.99 330.0 10.0 284.9 2.0 0
0.00 89. 1018. 10 ADJ-A1 NoSubs
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0.00 89. 1018. 10 ADJ-A1 NoSubs
19 12 11 345 9 0.0 0.067 0.010 0.005 2. 42. -1279.0 0.0240 0.47 0.35 1.01 31.0 10.0 285.9 2.0 0
0.00 89. 1019. 10 ADJ-A1 NoSubs
19 12 11 345 10 7.7 0.081 0.299 0.005 126. 55. -6.3 0.0230 0.47 0.25 0.96 29.0 10.0 286.4 2.0 0
0.00 86. 1019. 10 ADJ-A1 NoSubs
19 12 11 345 11 13.6 0.117 0.434 0.007 218. 96. -10.8 0.0230 0.47 0.21 1.47 319.0 10.0 288.1 2.0 0
0.00 74. 1019. 10 ADJ-A1 NoSubs
19 12 11 345 12 16.4 0.131 0.495 0.009 268. 113. -12.4 0.0180 0.47 0.20 1.74 252.0 10.0 288.1 2.0 0
0.00 71. 1018. 10 ADJ-A1 NoSubs
19 12 11 345 13 16.6 0.125 0.538 0.009 340. 106. -10.7 0.0180 0.47 0.20 1.64 261.0 10.0 288.8 2.0 0
0.00 68. 1018. 10 ADJ-A1 NoSubs
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0.00 71. 1017. 10 ADJ-A1 NoSubs
19 12 11 345 15 8.7 0.088 0.455 0.009 394. 63. -7.2 0.0230 0.47 0.25 1.06 329.0 10.0 289.9 2.0 0
0.00 72. 1017. 10 ADJ-A1 NoSubs
19 12 11 345 16 1.0 0.095 0.221 0.009 394. 71. -79.5 0.0230 0.47 0.34 1.37 324.0 10.0 289.2 2.0 0
0.00 77. 1017. 10 ADJ-A1 NoSubs
19 12 11 345 17 -10.1 0.133 -9.000 -9.000 -999. 116. 21.2 0.0270 0.47 0.62 2.15 343.0 10.0 287.5 2.0 0
0.00 93. 1017. 10 ADJ-A1 NoSubs
19 12 11 345 18 -4.8 0.089 -9.000 -9.000 -999. 64. 13.5 0.0270 0.47 1.00 1.48 352.0 10.0 287.5 2.0 0
0.00 93. 1017. 10 ADJ-A1 NoSubs
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0.00 93. 1017. 10 ADJ-A1 NoSubs
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0.00 93. 1017. 7 ADJ-A1 NoSubs
19 12 11 345 21 -6.0 0.100 -9.000 -9.000 -999. 76. 15.1 0.0270 0.47 1.00 1.65 349.0 10.0 287.5 2.0 0
0.00 93. 1017. 7 ADJ-A1 NoSubs
19 12 11 345 22 -5.7 0.098 -9.000 -9.000 -999. 74. 14.8 0.0270 0.47 1.00 1.62 340.0 10.0 288.1 2.0 0
0.00 93. 1018. 10 ADJ-A1 NoSubs
19 12 11 345 23 -2.0 0.063 -9.000 -9.000 -999. 38. 11.3 0.0270 0.47 1.00 0.89 356.0 10.0 287.5 2.0 11
0.30 96. 1018. 10 ADJ-A1 NoSubs
19 12 11 345 24 -3.4 0.076 -9.000 -9.000 -999. 50. 11.8 0.0270 0.47 1.00 1.23 358.0 10.0 287.5 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
19 12 12 346 1 -1.6 0.058 -9.000 -9.000 -999. 34. 11.2 0.0170 0.47 1.00 0.80 190.0 10.0 287.5 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
19 12 12 346 2 -2.2 0.065 -9.000 -9.000 -999. 39. 10.9 0.0230 0.47 1.00 0.97 325.0 10.0 287.5 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
19 12 12 346 3 -4.7 0.087 -9.000 -9.000 -999. 62. 12.8 0.0180 0.47 1.00 1.54 291.0 10.0 287.5 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
19 12 12 346 4 -3.5 0.077 -9.000 -9.000 -999. 51. 11.7 0.0230 0.47 1.00 1.28 312.0 10.0 287.5 2.0 0
0.00 96. 1019. 10 ADJ-A1 NoSubs
19 12 12 346 5 -5.9 0.098 -9.000 -9.000 -999. 74. 14.7 0.0230 0.47 1.00 1.67 10.0 10.0 287.5 2.0 0
0.00 96. 1019. 10 ADJ-A1 NoSubs
19 12 12 346 6 -3.0 0.071 -9.000 -9.000 -999. 46. 11.1 0.0230 0.47 1.00 1.16 97.0 10.0 287.0 2.0 0
0.00 100. 1020. 10 ADJ-A1 NoSubs
19 12 12 346 7 -3.8 0.079 -9.000 -9.000 -999. 54. 11.8 0.0200 0.47 1.00 1.37 85.0 10.0 287.0 2.0 0
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19 12 12 346 8 -3.3 0.075 -9.000 -9.000 -999. 49. 11.5 0.0200 0.47 0.64 1.28 86.0 10.0 287.0 2.0 0
0.00 96. 1021. 10 ADJ-A1 NoSubs
19 12 12 346 9 0.2 0.071 0.045 0.006 14. 46. -136.1 0.0240 0.47 0.35 1.04 53.0 10.0 287.5 2.0 0
0.00 96. 1021. 10 ADJ-A1 NoSubs
19 12 12 346 10 8.0 0.100 0.259 0.006 79. 76. -11.4 0.0230 0.47 0.25 1.26 11.0 10.0 288.1 2.0 0
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19 12 12 346 11 13.6 0.084 0.364 0.005 129. 58. -4.0 0.0200 0.47 0.21 0.97 61.0 10.0 288.8 2.0 0
0.00 96. 1021. 10 ADJ-A1 NoSubs
19 12 12 346 12 16.7 0.103 0.470 0.006 226. 79. -5.9 0.0230 0.47 0.20 1.21 327.0 10.0 289.9 2.0 0
0.00 89. 1021. 10 ADJ-A1 NoSubs
19 12 12 346 13 17.1 0.135 0.508 0.006 279. 119. -13.2 0.0180 0.47 0.20 1.81 264.0 10.0 290.9 2.0 0
0.00 83. 1020. 10 ADJ-A1 NoSubs
19 12 12 346 14 14.5 0.099 0.502 0.006 318. 75. -6.1 0.0180 0.47 0.21 1.23 279.0 10.0 291.4 2.0 0
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19 12 12 346 15 8.9 0.156 0.437 0.006 339. 147. -38.3 0.0180 0.47 0.25 2.25 253.0 10.0 290.9 2.0 0
0.00 83. 1020. 10 ADJ-A1 NoSubs
19 12 12 346 16 1.3 0.147 0.229 0.006 342. 136. -230.4 0.0180 0.47 0.34 2.28 269.0 10.0 290.4 2.0 0
0.00 86. 1020. 10 ADJ-A1 NoSubs
19 12 12 346 17 -11.8 0.142 -9.000 -9.000 -999. 129. 22.3 0.0180 0.47 0.62 2.44 254.0 10.0 289.2 2.0 0

0.00 93. 1020. 10 ADJ-A1 NoSubs
19 12 12 346 18 -5.5 0.094 -9.000 -9.000 -999. 70. 13.9 0.0180 0.47 1.00 1.67 262.0 10.0 288.1 2.0 0
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19 12 12 346 19 -5.8 0.096 -9.000 -9.000 -999. 72. 14.1 0.0170 0.47 1.00 1.72 209.0 10.0 288.1 2.0 0
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19 12 12 346 20 -2.7 0.068 -9.000 -9.000 -999. 42. 10.5 0.0170 0.47 1.00 1.14 208.0 10.0 288.1 2.0 0
0.00 96. 1020. 10 ADJ-A1 NoSubs
19 12 12 346 21 -1.4 0.058 -9.000 -9.000 -999. 34. 12.3 0.0230 0.47 1.00 0.70 117.0 10.0 288.1 2.0 0
0.00 100. 1019. 10 ADJ-A1 NoSubs
19 12 12 346 22 -2.3 0.065 -9.000 -9.000 -999. 39. 10.7 0.0200 0.47 1.00 1.01 84.0 10.0 288.1 2.0 0
0.00 96. 1019. 10 ADJ-A1 NoSubs
19 12 12 346 23 -3.1 0.073 -9.000 -9.000 -999. 47. 11.3 0.0230 0.47 1.00 1.20 20.0 10.0 288.1 2.0 0
0.00 96. 1019. 10 ADJ-A1 NoSubs
19 12 12 346 24 -4.4 0.085 -9.000 -9.000 -999. 60. 12.8 0.0230 0.47 1.00 1.45 314.0 10.0 287.5 2.0 0
0.00 100. 1019. 10 ADJ-A1 NoSubs
19 12 13 347 1 -2.8 0.069 -9.000 -9.000 -999. 43. 10.6 0.0180 0.47 1.00 1.16 258.0 10.0 287.0 2.0 0
0.00 100. 1019. 10 ADJ-A1 NoSubs
19 12 13 347 2 -2.4 0.067 -9.000 -9.000 -999. 42. 11.4 0.0310 0.47 1.00 0.97 164.0 10.0 287.5 2.0 0
0.00 96. 1019. 10 ADJ-A1 NoSubs
19 12 13 347 3 -4.7 0.088 -9.000 -9.000 -999. 63. 13.2 0.0230 0.47 1.00 1.50 328.0 10.0 286.4 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
19 12 13 347 4 -2.4 0.066 -9.000 -9.000 -999. 40. 10.9 0.0230 0.47 1.00 1.01 10.0 10.0 287.0 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
19 12 13 347 5 -2.6 0.067 -9.000 -9.000 -999. 42. 10.9 0.0230 0.47 1.00 1.06 315.0 10.0 286.4 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
19 12 13 347 6 -2.4 0.065 -9.000 -9.000 -999. 40. 10.5 0.0180 0.47 1.00 1.06 291.0 10.0 286.4 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
19 12 13 347 7 -1.9 0.062 -9.000 -9.000 -999. 37. 11.2 0.0230 0.47 1.00 0.86 307.0 10.0 286.4 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
19 12 13 347 8 -2.2 0.064 -9.000 -9.000 -999. 39. 11.0 0.0240 0.47 0.64 0.97 57.0 10.0 286.4 2.0 0
0.00 100. 1018. 10 ADJ-A1 NoSubs
19 12 13 347 9 0.0 0.072 0.006 0.005 0. 46. -1702.1 0.0240 0.47 0.35 1.08 33.0 10.0 287.0 2.0 0
0.00 96. 1018. 10 ADJ-A1 NoSubs
19 12 13 347 10 7.7 0.106 0.358 0.008 215. 83. -14.2 0.0230 0.47 0.25 1.37 97.0 10.0 287.5 2.0 0
0.00 93. 1018. 10 ADJ-A1 NoSubs
19 12 13 347 11 13.4 0.088 0.459 0.010 262. 63. -4.7 0.0230 0.47 0.21 1.01 310.0 10.0 288.1 2.0 0
0.00 89. 1018. 10 ADJ-A1 NoSubs
19 12 13 347 12 16.4 0.168 0.520 0.012 311. 165. -26.3 0.0230 0.47 0.20 2.27 306.0 10.0 288.8 2.0 0
0.00 89. 1018. 10 ADJ-A1 NoSubs
19 12 13 347 13 16.6 0.161 0.538 0.012 341. 155. -22.8 0.0180 0.47 0.20 2.25 299.0 10.0 289.2 2.0 0
0.00 86. 1016. 10 ADJ-A1 NoSubs
19 12 13 347 14 14.0 0.167 0.514 0.012 351. 164. -30.0 0.0170 0.47 0.21 2.40 197.0 10.0 289.9 2.0 0
0.00 80. 1015. 10 ADJ-A1 NoSubs
19 12 13 347 15 8.2 0.182 0.433 0.012 356. 187. -66.7 0.0180 0.47 0.25 2.71 258.0 10.0 288.1 2.0 0
0.00 89. 1015. 10 ADJ-A1 NoSubs
19 12 13 347 16 0.6 0.137 0.180 0.012 357. 122. -391.8 0.0210 0.47 0.34 2.08 219.0 10.0 287.5 2.0 0
0.00 93. 1015. 10 ADJ-A1 NoSubs
19 12 13 347 17 -3.0 0.074 -9.000 -9.000 -999. 49. 11.8 0.0280 0.47 0.62 1.18 134.0 10.0 287.5 2.0 0
0.00 93. 1014. 10 ADJ-A1 NoSubs
19 12 13 347 18 -4.5 0.087 -9.000 -9.000 -999. 61. 13.0 0.0230 0.47 1.00 1.47 13.0 10.0 287.5 2.0 11
0.20 96. 1014. 10 ADJ-A1 NoSubs
19 12 13 347 19 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0230 0.47 1.00 1.35 324.0 10.0 287.5 2.0 0
0.00 93. 1014. 7 ADJ-A1 NoSubs
19 12 13 347 20 -5.2 0.092 -9.000 -9.000 -999. 67. 13.8 0.0230 0.47 1.00 1.57 317.0 10.0 287.0 2.0 0

0.00 96. 1014. 7 ADJ-A1 NoSubs
19 12 13 347 21 -7.2 0.109 -9.000 -9.000 -999. 86. 16.1 0.0180 0.47 1.00 1.91 293.0 10.0 287.0 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
19 12 13 347 22 -6.4 0.102 -9.000 -9.000 -999. 79. 15.2 0.0210 0.47 1.00 1.76 222.0 10.0 287.0 2.0 0
0.00 92. 1014. 10 ADJ-A1 NoSubs
19 12 13 347 23 -4.4 0.084 -9.000 -9.000 -999. 59. 12.3 0.0170 0.47 1.00 1.50 207.0 10.0 286.4 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
19 12 13 347 24 -3.6 0.077 -9.000 -9.000 -999. 51. 11.4 0.0180 0.47 1.00 1.35 264.0 10.0 286.4 2.0 0
0.00 92. 1013. 10 ADJ-A1 NoSubs
19 12 14 348 1 -5.3 0.093 -9.000 -9.000 -999. 68. 13.6 0.0180 0.47 1.00 1.64 278.0 10.0 286.4 2.0 11
0.30 96. 1013. 10 ADJ-A1 NoSubs
19 12 14 348 2 -1.6 0.060 -9.000 -9.000 -999. 35. 11.7 0.0230 0.47 1.00 0.77 9.0 10.0 286.4 2.0 11
0.30 96. 1013. 10 ADJ-A1 NoSubs
19 12 14 348 3 -2.3 0.065 -9.000 -9.000 -999. 40. 10.9 0.0230 0.47 1.00 0.99 313.0 10.0 285.4 2.0 0
0.00 100. 1013. 10 ADJ-A1 NoSubs
19 12 14 348 4 -2.2 0.065 -9.000 -9.000 -999. 39. 10.9 0.0230 0.47 1.00 0.97 321.0 10.0 284.9 2.0 0
0.00 96. 1012. 7 ADJ-A1 NoSubs
19 12 14 348 5 -3.3 0.074 -9.000 -9.000 -999. 49. 11.4 0.0230 0.47 1.00 1.23 305.0 10.0 284.9 2.0 0
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19 12 14 348 6 -6.0 0.098 -9.000 -9.000 -999. 74. 14.4 0.0180 0.47 1.00 1.74 290.0 10.0 283.8 2.0 0
0.00 96. 1013. 7 ADJ-A1 NoSubs
19 12 14 348 7 -9.9 0.129 -9.000 -9.000 -999. 111. 19.5 0.0230 0.47 1.00 2.15 329.0 10.0 283.1 2.0 0
0.00 100. 1013. 7 ADJ-A1 NoSubs
19 12 14 348 8 -6.5 0.105 -9.000 -9.000 -999. 81. 15.9 0.0230 0.47 0.65 1.77 328.0 10.0 282.5 2.0 0
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19 12 14 348 9 5.3 0.117 0.309 0.005 202. 96. -27.5 0.0230 0.47 0.35 1.59 12.0 10.0 284.9 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
19 12 14 348 10 35.9 0.131 0.843 0.005 602. 114. -5.6 0.0230 0.47 0.25 1.53 323.0 10.0 286.4 2.0 0
0.00 71. 1014. 0 ADJ-A1 NoSubs
19 12 14 348 11 58.2 0.287 1.034 0.005 687. 369. -36.8 0.0180 0.47 0.21 4.14 295.0 10.0 287.0 2.0 0
0.00 66. 1014. 0 ADJ-A1 NoSubs
19 12 14 348 12 73.3 0.344 1.166 0.005 782. 484. -50.1 0.0180 0.47 0.20 5.04 287.0 10.0 287.5 2.0 0
0.00 57. 1013. 3 ADJ-A1 NoSubs
19 12 14 348 13 71.6 0.338 1.311 0.008 1137. 472. -48.8 0.0180 0.47 0.20 4.95 281.0 10.0 288.8 2.0 0
0.00 52. 1012. 5 ADJ-A1 NoSubs
19 12 14 348 14 59.7 0.341 1.250 0.009 1181. 478. -59.8 0.0180 0.47 0.21 5.04 284.0 10.0 288.8 2.0 0
0.00 48. 1012. 0 ADJ-A1 NoSubs
19 12 14 348 15 38.2 0.354 1.085 0.009 1207. 506. -105.1 0.0180 0.47 0.25 5.36 282.0 10.0 288.1 2.0
0 0.00 53. 1012. 0 ADJ-A1 NoSubs
19 12 14 348 16 8.1 0.343 0.647 0.009 1212. 483. -453.4 0.0180 0.47 0.34 5.36 284.0 10.0 287.0 2.0 0
0.00 57. 1012. 0 ADJ-A1 NoSubs
19 12 14 348 17 -18.8 0.205 -9.000 -9.000 -999. 235. 46.2 0.0180 0.47 0.61 3.44 289.0 10.0 285.4 2.0 0
0.00 61. 1012. 0 ADJ-A1 NoSubs
19 12 14 348 18 -15.9 0.163 -9.000 -9.000 -999. 159. 29.3 0.0180 0.47 1.00 2.78 279.0 10.0 283.8 2.0 0
0.00 68. 1012. 5 ADJ-A1 NoSubs
19 12 14 348 19 -7.9 0.114 -9.000 -9.000 -999. 92. 16.8 0.0180 0.47 1.00 1.99 263.0 10.0 284.2 2.0 0
0.00 71. 1012. 10 ADJ-A1 NoSubs
19 12 14 348 20 -10.4 0.131 -9.000 -9.000 -999. 114. 19.5 0.0180 0.47 1.00 2.27 276.0 10.0 283.8 2.0 0
0.00 79. 1012. 10 ADJ-A1 NoSubs
19 12 14 348 21 -7.0 0.107 -9.000 -9.000 -999. 84. 15.7 0.0180 0.47 1.00 1.88 276.0 10.0 283.1 2.0 0
0.00 82. 1012. 7 ADJ-A1 NoSubs
19 12 14 348 22 -14.3 0.154 -9.000 -9.000 -999. 146. 26.2 0.0180 0.47 1.00 2.64 265.0 10.0 282.5 2.0 0
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19 12 14 348 23 -6.3 0.101 -9.000 -9.000 -999. 78. 15.0 0.0230 0.47 1.00 1.72 308.0 10.0 281.4 2.0 0

0.00 85. 1013. 0 ADJ-A1 NoSubs
19 12 14 348 24 -7.4 0.111 -9.000 -9.000 -999. 88. 16.6 0.0270 0.47 1.00 1.82 342.0 10.0 280.4 2.0 0
0.00 92. 1013. 3 ADJ-A1 NoSubs
19 12 15 349 1 -6.7 0.105 -9.000 -9.000 -999. 82. 15.8 0.0270 0.47 1.00 1.74 353.0 10.0 279.9 2.0 0
0.00 92. 1013. 0 ADJ-A1 NoSubs
19 12 15 349 2 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0270 0.47 1.00 1.72 345.0 10.0 278.8 2.0 0
0.00 91. 1014. 0 ADJ-A1 NoSubs
19 12 15 349 3 -9.5 0.126 -9.000 -9.000 -999. 107. 18.8 0.0230 0.47 1.00 2.10 312.0 10.0 278.8 2.0 0
0.00 91. 1014. 0 ADJ-A1 NoSubs
19 12 15 349 4 -9.4 0.124 -9.000 -9.000 -999. 104. 18.1 0.0180 0.47 1.00 2.15 297.0 10.0 278.8 2.0 0
0.00 88. 1014. 0 ADJ-A1 NoSubs
19 12 15 349 5 -4.5 0.086 -9.000 -9.000 -999. 60. 12.6 0.0230 0.47 1.00 1.45 21.0 10.0 278.1 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
19 12 15 349 6 -4.8 0.089 -9.000 -9.000 -999. 64. 13.1 0.0240 0.47 1.00 1.50 41.0 10.0 278.1 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
19 12 15 349 7 -3.8 0.080 -9.000 -9.000 -999. 54. 12.0 0.0270 0.47 1.00 1.30 336.0 10.0 277.5 2.0 0
0.00 92. 1016. 0 ADJ-A1 NoSubs
19 12 15 349 8 -9.9 0.130 -9.000 -9.000 -999. 113. 20.1 0.0270 0.47 0.65 2.11 341.0 10.0 278.1 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 12 15 349 9 4.4 0.108 -9.000 -9.000 -999. 85. -26.2 0.0270 0.47 0.36 1.42 339.0 10.0 282.0 2.0 0
0.00 82. 1017. 0 ADJ-A1 NoSubs
19 12 15 349 10 34.9 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.25 0.00 0.0 10.0 283.1 2.0
0 0.00 73. 1018. 0 ADJ-SFC NoSubs
19 12 15 349 11 57.5 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 0.22 0.00 0.0 10.0 285.4 2.0
0 0.00 63. 1018. 0 ADJ-SFC NoSubs
19 12 15 349 12 69.4 0.213 -9.000 -9.000 -999. 235. -12.5 0.0170 0.47 0.20 2.86 188.0 10.0 287.0 2.0 0
0.00 59. 1018. 0 ADJ-SFC NoSubs
19 12 15 349 13 70.2 0.192 -9.000 -9.000 -999. 202. -9.1 0.0230 0.47 0.20 2.36 111.0 10.0 288.1 2.0 0
0.00 54. 1017. 0 ADJ-SFC NoSubs
19 12 15 349 14 59.3 0.239 -9.000 -9.000 -999. 281. -21.0 0.0170 0.47 0.21 3.36 196.0 10.0 287.0 2.0 0
0.00 61. 1017. 0 ADJ-SFC NoSubs
19 12 15 349 15 35.5 0.182 -9.000 -9.000 -999. 187. -15.4 0.0228 0.47 0.25 2.36 999.0 10.0 288.1 2.0 0
0.00 53. 1017. 7 ADJ-SFC NoSubs
19 12 15 349 16 12.3 0.172 -9.000 -9.000 -999. 171. -37.5 0.0240 0.47 0.34 2.36 48.0 10.0 288.1 2.0 0
0.00 53. 1017. 7 ADJ-SFC NoSubs
19 12 15 349 17 -19.2 0.208 -9.000 -9.000 -999. 228. 47.7 0.0230 0.47 0.61 3.36 20.0 10.0 285.4 2.0 0
0.00 58. 1017. 0 ADJ-SFC NoSubs
19 12 15 349 18 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0 0.0228 0.47 1.00 0.00 0.0 10.0 283.1 2.0
0 0.00 67. 1018. 0 ADJ-SFC NoSubs
19 12 15 349 19 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.47 1.00 1.76 323.0 10.0 282.0 2.0 0
0.00 76. 1018. 0 ADJ-SFC NoSubs
19 12 15 349 20 -12.7 0.147 -9.000 -9.000 -999. 135. 23.7 0.0270 0.47 1.00 2.36 348.0 10.0 281.4 2.0 0
0.00 79. 1018. 0 ADJ-SFC NoSubs
19 12 15 349 21 -8.0 0.115 -9.000 -9.000 -999. 93. 17.1 0.0230 0.47 1.00 1.93 308.0 10.0 281.4 2.0 0
0.00 79. 1019. 0 ADJ-A1 NoSubs
19 12 15 349 22 -6.4 0.103 -9.000 -9.000 -999. 79. 15.4 0.0270 0.47 1.00 1.70 335.0 10.0 279.9 2.0 0
0.00 85. 1019. 0 ADJ-A1 NoSubs
19 12 15 349 23 -11.9 0.141 -9.000 -9.000 -999. 127. 22.0 0.0270 0.47 1.00 2.28 331.0 10.0 279.9 2.0 0
0.00 82. 1020. 0 ADJ-A1 NoSubs
19 12 15 349 24 -11.0 0.136 -9.000 -9.000 -999. 120. 20.7 0.0270 0.47 1.00 2.20 339.0 10.0 279.2 2.0 0
0.00 85. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 1 -13.8 0.153 -9.000 -9.000 -999. 143. 25.7 0.0270 0.47 1.00 2.45 342.0 10.0 278.8 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 2 -3.3 0.075 -9.000 -9.000 -999. 51. 11.5 0.0270 0.47 1.00 1.20 348.0 10.0 278.8 2.0 0

0.00 88. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 3 -7.2 0.109 -9.000 -9.000 -999. 86. 16.3 0.0270 0.47 1.00 1.79 353.0 10.0 278.1 2.0 0
0.00 88. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 4 -8.0 0.115 -9.000 -9.000 -999. 93. 17.2 0.0270 0.47 1.00 1.88 337.0 10.0 277.5 2.0 0
0.00 92. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 5 -7.6 0.112 -9.000 -9.000 -999. 90. 16.8 0.0270 0.47 1.00 1.84 344.0 10.0 277.5 2.0 0
0.00 89. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 6 -9.5 0.125 -9.000 -9.000 -999. 106. 18.9 0.0270 0.47 1.00 2.04 340.0 10.0 277.0 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
19 12 16 350 7 -5.9 0.098 -9.000 -9.000 -999. 74. 14.5 0.0270 0.47 1.00 1.62 339.0 10.0 276.4 2.0 0
0.00 92. 1021. 0 ADJ-A1 NoSubs
19 12 16 350 8 -5.1 0.092 -9.000 -9.000 -999. 67. 14.0 0.0270 0.47 0.66 1.53 345.0 10.0 278.1 2.0 0
0.00 88. 1022. 0 ADJ-A1 NoSubs
19 12 16 350 9 3.8 0.074 -9.000 -9.000 -999. 48. -9.8 0.0230 0.47 0.36 0.92 325.0 10.0 280.4 2.0 0
0.00 82. 1022. 0 ADJ-A1 NoSubs
19 12 16 350 10 34.5 0.126 -9.000 -9.000 -999. 108. -5.3 0.0230 0.47 0.25 1.47 118.0 10.0 283.1 2.0 0
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19 12 16 350 11 57.3 0.176 -9.000 -9.000 -999. 178. -8.7 0.0280 0.47 0.22 2.08 127.0 10.0 285.9 2.0 0
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19 12 16 350 12 69.3 0.269 -9.000 -9.000 -999. 334. -25.5 0.0280 0.47 0.20 3.49 130.0 10.0 287.5 2.0 0
0.00 50. 1021. 0 ADJ-A1 NoSubs
19 12 16 350 13 70.2 0.270 -9.000 -9.000 -999. 337. -25.5 0.0230 0.47 0.20 3.64 107.0 10.0 288.8 2.0 0
0.00 48. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 14 59.7 0.260 -9.000 -9.000 -999. 319. -26.8 0.0200 0.47 0.21 3.61 81.0 10.0 289.2 2.0 0
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19 12 16 350 15 38.2 0.251 -9.000 -9.000 -999. 302. -37.6 0.0230 0.47 0.25 3.47 93.0 10.0 288.1 2.0 0
0.00 50. 1019. 0 ADJ-A1 NoSubs
19 12 16 350 16 8.3 0.247 -9.000 -9.000 -999. 295. -165.4 0.0200 0.47 0.34 3.73 89.0 10.0 287.5 2.0 0
0.00 50. 1019. 0 ADJ-A1 NoSubs
19 12 16 350 17 -15.3 0.167 -9.000 -9.000 -999. 166. 30.8 0.0200 0.47 0.61 2.79 73.0 10.0 286.4 2.0 0
0.00 52. 1019. 0 ADJ-A1 NoSubs
19 12 16 350 18 -10.8 0.134 -9.000 -9.000 -999. 117. 20.1 0.0200 0.47 1.00 2.27 68.0 10.0 284.2 2.0 0
0.00 60. 1019. 0 ADJ-A1 NoSubs
19 12 16 350 19 -11.9 0.141 -9.000 -9.000 -999. 126. 21.7 0.0200 0.47 1.00 2.38 70.0 10.0 281.4 2.0 0
0.00 79. 1019. 0 ADJ-A1 NoSubs
19 12 16 350 20 -7.5 0.111 -9.000 -9.000 -999. 89. 16.5 0.0230 0.47 1.00 1.87 7.0 10.0 280.9 2.0 0
0.00 76. 1019. 0 ADJ-A1 NoSubs
19 12 16 350 21 -8.9 0.122 -9.000 -9.000 -999. 102. 18.4 0.0270 0.47 1.00 1.99 339.0 10.0 279.9 2.0 0
0.00 78. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 22 -8.4 0.118 -9.000 -9.000 -999. 97. 17.8 0.0270 0.47 1.00 1.93 357.0 10.0 279.2 2.0 0
0.00 79. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 23 -7.4 0.111 -9.000 -9.000 -999. 88. 16.6 0.0270 0.47 1.00 1.82 353.0 10.0 279.2 2.0 0
0.00 75. 1020. 0 ADJ-A1 NoSubs
19 12 16 350 24 -6.0 0.099 -9.000 -9.000 -999. 75. 14.8 0.0270 0.47 1.00 1.64 359.0 10.0 278.8 2.0 0
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19 12 17 351 1 -7.7 0.112 -9.000 -9.000 -999. 90. 16.6 0.0230 0.47 1.00 1.89 9.0 10.0 278.1 2.0 0
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19 12 17 351 2 -4.3 0.084 -9.000 -9.000 -999. 58. 12.6 0.0270 0.47 1.00 1.38 351.0 10.0 278.8 2.0 0
0.00 82. 1018. 0 ADJ-A1 NoSubs
19 12 17 351 3 -2.6 0.069 -9.000 -9.000 -999. 43. 11.2 0.0270 0.47 1.00 1.04 352.0 10.0 279.2 2.0 0
0.00 79. 1018. 0 ADJ-A1 NoSubs
19 12 17 351 4 -2.6 0.069 -9.000 -9.000 -999. 43. 11.2 0.0270 0.47 1.00 1.04 358.0 10.0 279.2 2.0 0
0.00 75. 1018. 0 ADJ-A1 NoSubs
19 12 17 351 5 -6.6 0.104 -9.000 -9.000 -999. 81. 15.6 0.0270 0.47 1.00 1.72 333.0 10.0 279.2 2.0 0

0.00 75. 1018. 0 ADJ-A1 NoSubs
19 12 17 351 6 -6.5 0.103 -9.000 -9.000 -999. 79. 15.1 0.0230 0.47 1.00 1.74 27.0 10.0 278.8 2.0 0
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19 12 17 351 8 -3.1 0.073 -9.000 -9.000 -999. 47. 11.5 0.0270 0.47 0.66 1.16 332.0 10.0 280.4 2.0 0
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19 12 17 351 9 3.5 0.123 0.153 0.008 37. 103. -47.4 0.0270 0.47 0.36 1.67 354.0 10.0 281.4 2.0 0
0.00 65. 1019. 0 ADJ-A1 NoSubs
19 12 17 351 10 34.2 0.123 0.500 0.008 133. 104. -5.0 0.0270 0.47 0.25 1.37 343.0 10.0 283.8 2.0 0
0.00 63. 1018. 0 ADJ-A1 NoSubs
19 12 17 351 11 57.1 0.127 0.727 0.008 245. 108. -3.2 0.0230 0.47 0.22 1.38 106.0 10.0 286.4 2.0 0
0.00 45. 1018. 0 ADJ-A1 NoSubs
19 12 17 351 12 69.1 0.122 0.859 0.007 333. 102. -2.4 0.0200 0.47 0.20 1.31 74.0 10.0 287.5 2.0 0
0.00 40. 1016. 0 ADJ-A1 NoSubs
19 12 17 351 13 70.0 0.146 0.961 0.009 459. 134. -4.0 0.0230 0.47 0.20 1.64 93.0 10.0 288.8 2.0 0
0.00 38. 1015. 0 ADJ-A1 NoSubs
19 12 17 351 14 59.7 0.100 0.965 0.009 544. 77. -1.5 0.0200 0.47 0.21 1.01 70.0 10.0 289.2 2.0 0
0.00 33. 1013. 0 ADJ-A1 NoSubs
19 12 17 351 15 38.5 0.131 0.858 0.010 592. 114. -5.3 0.0180 0.47 0.25 1.60 279.0 10.0 289.2 2.0 0
0.00 35. 1013. 0 ADJ-A1 NoSubs
19 12 17 351 16 8.3 0.222 0.517 0.010 598. 251. -118.5 0.0180 0.47 0.34 3.37 287.0 10.0 287.0 2.0 0
0.00 48. 1013. 0 ADJ-A1 NoSubs
19 12 17 351 17 -9.1 0.127 -9.000 -9.000 -999. 113. 20.5 0.0270 0.47 0.61 2.06 350.0 10.0 286.4 2.0 0
0.00 46. 1012. 0 ADJ-A1 NoSubs
19 12 17 351 18 -11.1 0.137 -9.000 -9.000 -999. 122. 21.2 0.0270 0.47 1.00 2.22 352.0 10.0 284.2 2.0 0
0.00 52. 1012. 0 ADJ-A1 NoSubs
19 12 17 351 19 -17.2 0.172 -9.000 -9.000 -999. 172. 32.6 0.0270 0.47 1.00 2.74 340.0 10.0 281.4 2.0 0
0.00 68. 1012. 0 ADJ-A1 NoSubs
19 12 17 351 20 -12.2 0.144 -9.000 -9.000 -999. 131. 22.8 0.0270 0.47 1.00 2.32 344.0 10.0 281.4 2.0 0
0.00 62. 1012. 0 ADJ-A1 NoSubs
19 12 17 351 21 -10.6 0.134 -9.000 -9.000 -999. 118. 20.5 0.0270 0.47 1.00 2.17 350.0 10.0 282.0 2.0 0
0.00 60. 1012. 0 ADJ-A1 NoSubs
19 12 17 351 22 -7.1 0.109 -9.000 -9.000 -999. 86. 16.3 0.0270 0.47 1.00 1.79 350.0 10.0 280.9 2.0 0
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19 12 17 351 23 -10.0 0.130 -9.000 -9.000 -999. 112. 19.7 0.0240 0.47 1.00 2.15 56.0 10.0 282.0 2.0 0
0.00 62. 1011. 10 ADJ-A1 NoSubs
19 12 17 351 24 -4.3 0.084 -9.000 -9.000 -999. 58. 12.2 0.0180 0.47 1.00 1.48 266.0 10.0 283.1 2.0 0
0.00 56. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 1 -9.2 0.124 -9.000 -9.000 -999. 105. 18.8 0.0230 0.47 1.00 2.08 93.0 10.0 284.9 2.0 0
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19 12 18 352 2 -33.9 0.342 -9.000 -9.000 -999. 480. 128.6 0.0280 0.47 1.00 5.24 149.0 10.0 284.9 2.0 0
0.00 63. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 3 -25.7 0.258 -9.000 -9.000 -999. 318. 73.2 0.0310 0.47 1.00 3.93 162.0 10.0 284.2 2.0 0
0.00 68. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 4 -12.6 0.148 -9.000 -9.000 -999. 143. 24.0 0.0310 0.47 1.00 2.32 150.0 10.0 283.1 2.0 11
2.30 79. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 5 -5.4 0.094 -9.000 -9.000 -999. 70. 14.0 0.0240 0.47 1.00 1.59 44.0 10.0 282.5 2.0 11
0.80 89. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 6 -8.2 0.117 -9.000 -9.000 -999. 96. 17.5 0.0230 0.47 1.00 1.96 28.0 10.0 282.5 2.0 11
1.30 92. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 7 -9.6 0.127 -9.000 -9.000 -999. 109. 19.5 0.0280 0.47 1.00 2.06 138.0 10.0 283.1 2.0 11
1.00 89. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 8 -6.3 0.103 -9.000 -9.000 -999. 79. 15.7 0.0280 0.47 0.67 1.69 127.0 10.0 283.1 2.0 11

0.30 89. 1012. 10 ADJ-A1 NoSubs
19 12 18 352 9 -2.0 0.099 -9.000 -9.000 -999. 75. 44.1 0.0240 0.47 0.36 1.59 40.0 10.0 283.1 2.0 11
1.80 89. 1012. 10 ADJ-A1 NoSubs
19 12 18 352 10 6.5 0.119 0.219 0.005 58. 99. -23.7 0.0230 0.47 0.25 1.60 25.0 10.0 283.8 2.0 11
0.30 92. 1013. 10 ADJ-A1 NoSubs
19 12 18 352 11 49.6 0.131 0.698 0.005 247. 114. -4.1 0.0230 0.47 0.22 1.47 104.0 10.0 285.4 2.0 0
0.00 80. 1013. 7 ADJ-A1 NoSubs
19 12 18 352 12 59.2 0.238 1.046 0.005 698. 279. -20.5 0.0310 0.47 0.20 2.98 155.0 10.0 287.0 2.0 0
0.00 77. 1013. 7 ADJ-A1 NoSubs
19 12 18 352 13 60.0 0.305 1.091 0.005 781. 405. -42.7 0.0170 0.47 0.20 4.48 182.0 10.0 288.1 2.0 0
0.00 71. 1011. 7 ADJ-A1 NoSubs
19 12 18 352 14 13.4 0.355 0.666 0.005 795. 507. -301.4 0.0170 0.47 0.21 5.56 204.0 10.0 287.5 2.0 0
0.00 74. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 15 7.6 0.353 0.554 0.005 801. 504. -520.8 0.0210 0.47 0.25 5.39 216.0 10.0 285.4 2.0 11
1.30 92. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 16 0.2 0.302 0.176 0.005 801. 399. -8888.0 0.0210 0.47 0.34 4.65 213.0 10.0 285.4 2.0
11 1.80 92. 1011. 10 ADJ-A1 NoSubs
19 12 18 352 17 -32.4 0.347 -9.000 -9.000 -999. 489. 132.1 0.0210 0.47 0.61 5.56 215.0 10.0 284.9 2.0
11 1.50 96. 1012. 10 ADJ-A1 NoSubs
19 12 18 352 18 -30.4 0.305 -9.000 -9.000 -999. 406. 102.7 0.0170 0.47 1.00 5.10 195.0 10.0 284.9 2.0
11 1.50 96. 1012. 10 ADJ-A1 NoSubs
19 12 18 352 19 -24.2 0.243 -9.000 -9.000 -999. 290. 65.2 0.0170 0.47 1.00 4.10 197.0 10.0 284.9 2.0
11 1.00 100. 1013. 10 ADJ-A1 NoSubs
19 12 18 352 20 -13.3 0.149 -9.000 -9.000 -999. 141. 24.3 0.0170 0.47 1.00 2.57 197.0 10.0 284.9 2.0
11 0.50 96. 1013. 10 ADJ-A1 NoSubs
19 12 18 352 21 -2.2 0.065 -9.000 -9.000 -999. 43. 11.0 0.0240 0.47 1.00 0.96 52.0 10.0 284.9 2.0 0
0.00 100. 1014. 10 ADJ-A1 NoSubs
19 12 18 352 22 -6.0 0.100 -9.000 -9.000 -999. 75. 14.8 0.0230 0.47 1.00 1.69 93.0 10.0 284.2 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
19 12 18 352 23 -3.0 0.073 -9.000 -9.000 -999. 47. 11.6 0.0310 0.47 1.00 1.13 165.0 10.0 284.9 2.0 0
0.00 96. 1014. 10 ADJ-A1 NoSubs
19 12 18 352 24 -5.5 0.095 -9.000 -9.000 -999. 70. 14.0 0.0210 0.47 1.00 1.64 210.0 10.0 284.2 2.0 0
0.00 100. 1015. 10 ADJ-A1 NoSubs
19 12 19 353 1 -3.8 0.078 -9.000 -9.000 -999. 52. 11.5 0.0180 0.47 1.00 1.37 263.0 10.0 284.2 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
19 12 19 353 2 -2.7 0.068 -9.000 -9.000 -999. 43. 10.6 0.0180 0.47 1.00 1.13 256.0 10.0 284.2 2.0 11
0.30 96. 1015. 10 ADJ-A1 NoSubs
19 12 19 353 3 -2.3 0.065 -9.000 -9.000 -999. 39. 10.8 0.0210 0.47 1.00 0.99 223.0 10.0 284.2 2.0 0
0.00 96. 1015. 10 ADJ-A1 NoSubs
19 12 19 353 4 -2.8 0.070 -9.000 -9.000 -999. 45. 11.2 0.0270 0.47 1.00 1.09 337.0 10.0 284.2 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 12 19 353 5 -2.8 0.070 -9.000 -9.000 -999. 45. 11.2 0.0270 0.47 1.00 1.09 355.0 10.0 284.2 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 12 19 353 6 -3.0 0.072 -9.000 -9.000 -999. 46. 11.3 0.0270 0.47 1.00 1.13 332.0 10.0 283.8 2.0 0
0.00 96. 1016. 10 ADJ-A1 NoSubs
19 12 19 353 7 -3.8 0.080 -9.000 -9.000 -999. 54. 12.2 0.0270 0.47 1.00 1.31 350.0 10.0 282.5 2.0 0
0.00 92. 1017. 3 ADJ-A1 NoSubs
19 12 19 353 8 -6.9 0.107 -9.000 -9.000 -999. 85. 16.3 0.0270 0.47 0.67 1.77 346.0 10.0 282.0 2.0 0
0.00 100. 1017. 10 ADJ-A1 NoSubs
19 12 19 353 9 -2.5 0.116 -9.000 -9.000 -999. 95. 56.5 0.0230 0.47 0.36 1.86 328.0 10.0 283.1 2.0 0
0.00 92. 1018. 10 ADJ-A1 NoSubs
19 12 19 353 10 34.0 0.107 0.614 0.005 247. 85. -3.3 0.0200 0.47 0.26 1.21 64.0 10.0 285.9 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
19 12 19 353 11 60.2 0.171 0.895 0.005 432. 170. -7.6 0.0280 0.47 0.22 1.99 144.0 10.0 286.4 2.0 0

0.00 83. 1018. 3 ADJ-A1 NoSubs
19 12 19 353 12 59.2 0.180 0.970 0.005 559. 184. -9.0 0.0280 0.47 0.20 2.13 139.0 10.0 287.5 2.0 0
0.00 77. 1017. 7 ADJ-A1 NoSubs
19 12 19 353 13 16.2 0.123 0.642 0.005 590. 105. -10.5 0.0280 0.47 0.20 1.48 123.0 10.0 288.8 2.0 0
0.00 68. 1017. 10 ADJ-A1 NoSubs
19 12 19 353 14 61.9 0.123 1.058 0.005 694. 104. -2.7 0.0280 0.47 0.21 1.25 144.0 10.0 290.4 2.0 0
0.00 64. 1016. 5 ADJ-A1 NoSubs
19 12 19 353 15 8.0 0.233 0.538 0.005 702. 270. -143.0 0.0180 0.47 0.25 3.56 257.0 10.0 287.0 2.0 0
0.00 77. 1017. 10 ADJ-A1 NoSubs
19 12 19 353 16 12.7 0.199 0.632 0.005 720. 213. -56.0 0.0180 0.47 0.34 2.93 292.0 10.0 286.4 2.0 0
0.00 80. 1017. 3 ADJ-A1 NoSubs
19 12 19 353 17 -5.1 0.093 -9.000 -9.000 -999. 74. 14.2 0.0180 0.47 0.60 1.64 298.0 10.0 285.4 2.0 0
0.00 80. 1017. 0 ADJ-A1 NoSubs
19 12 19 353 18 -5.6 0.097 -9.000 -9.000 -999. 72. 14.5 0.0270 0.47 1.00 1.60 337.0 10.0 284.2 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
19 12 19 353 19 -10.9 0.136 -9.000 -9.000 -999. 120. 20.9 0.0270 0.47 1.00 2.20 333.0 10.0 283.8 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 12 19 353 20 -5.0 0.091 -9.000 -9.000 -999. 66. 13.6 0.0270 0.47 1.00 1.50 334.0 10.0 282.0 2.0 0
0.00 95. 1018. 0 ADJ-A1 NoSubs
19 12 19 353 21 -3.9 0.081 -9.000 -9.000 -999. 55. 12.3 0.0270 0.47 1.00 1.33 338.0 10.0 282.5 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 12 19 353 22 -7.4 0.111 -9.000 -9.000 -999. 88. 16.7 0.0270 0.47 1.00 1.82 338.0 10.0 282.5 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 12 19 353 23 -5.0 0.091 -9.000 -9.000 -999. 65. 13.4 0.0230 0.47 1.00 1.54 10.0 10.0 282.0 2.0 0
0.00 92. 1019. 0 ADJ-A1 NoSubs
19 12 19 353 24 -11.0 0.135 -9.000 -9.000 -999. 120. 20.5 0.0230 0.47 1.00 2.25 22.0 10.0 282.0 2.0 0
0.00 89. 1018. 0 ADJ-A1 NoSubs
19 12 20 354 1 -10.4 0.133 -9.000 -9.000 -999. 116. 20.3 0.0270 0.47 1.00 2.15 348.0 10.0 282.0 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 12 20 354 2 -6.6 0.104 -9.000 -9.000 -999. 80. 15.4 0.0230 0.47 1.00 1.76 329.0 10.0 282.0 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 12 20 354 3 -6.2 0.101 -9.000 -9.000 -999. 77. 15.2 0.0270 0.47 1.00 1.67 358.0 10.0 282.0 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 12 20 354 4 -4.1 0.082 -9.000 -9.000 -999. 57. 12.4 0.0270 0.47 1.00 1.35 346.0 10.0 281.4 2.0 0
0.00 92. 1017. 0 ADJ-A1 NoSubs
19 12 20 354 5 -6.1 0.100 -9.000 -9.000 -999. 75. 14.7 0.0230 0.47 1.00 1.69 314.0 10.0 280.9 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 12 20 354 6 -4.7 0.087 -9.000 -9.000 -999. 62. 12.9 0.0230 0.47 1.00 1.48 305.0 10.0 280.9 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 12 20 354 7 -4.8 0.089 -9.000 -9.000 -999. 64. 13.3 0.0270 0.47 1.00 1.47 340.0 10.0 280.4 2.0 0
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19 12 20 354 8 -4.2 0.084 -9.000 -9.000 -999. 58. 12.7 0.0270 0.47 0.68 1.38 341.0 10.0 280.9 2.0 0
0.00 92. 1018. 0 ADJ-A1 NoSubs
19 12 20 354 9 2.9 0.103 0.121 0.006 22. 79. -33.8 0.0270 0.47 0.36 1.37 353.0 10.0 283.8 2.0 0
0.00 85. 1019. 0 ADJ-A1 NoSubs
19 12 20 354 10 33.5 0.160 0.483 0.006 122. 154. -11.1 0.0230 0.47 0.26 2.01 98.0 10.0 284.9 2.0 0
0.00 79. 1019. 0 ADJ-A1 NoSubs
19 12 20 354 11 56.6 0.162 0.841 0.007 381. 156. -6.8 0.0230 0.47 0.22 1.93 111.0 10.0 287.5 2.0 0
0.00 71. 1018. 0 ADJ-A1 NoSubs
19 12 20 354 12 69.2 0.160 0.999 0.008 522. 154. -5.4 0.0230 0.47 0.20 1.86 117.0 10.0 289.9 2.0 0
0.00 57. 1017. 0 ADJ-A1 NoSubs
19 12 20 354 13 70.2 0.151 1.025 0.008 556. 140. -4.4 0.0170 0.47 0.20 1.82 194.0 10.0 290.4 2.0 0
0.00 53. 1017. 0 ADJ-A1 NoSubs
19 12 20 354 14 60.2 0.169 0.992 0.007 588. 167. -7.3 0.0310 0.47 0.21 1.91 178.0 10.0 290.9 2.0 0

0.00 49. 1016. 0 ADJ-A1 NoSubs
19 12 20 354 15 39.1 0.131 0.882 0.007 635. 114. -5.2 0.0170 0.47 0.25 1.62 202.0 10.0 290.4 2.0 0
0.00 49. 1016. 0 ADJ-A1 NoSubs
19 12 20 354 16 9.2 0.111 0.547 0.007 644. 88. -13.4 0.0170 0.47 0.34 1.50 204.0 10.0 288.8 2.0 0
0.00 64. 1015. 0 ADJ-A1 NoSubs
19 12 20 354 17 -4.4 0.087 -9.000 -9.000 -999. 62. 13.4 0.0180 0.47 0.60 1.54 269.0 10.0 287.5 2.0 0
0.00 69. 1016. 0 ADJ-A1 NoSubs
19 12 20 354 18 -3.8 0.079 -9.000 -9.000 -999. 53. 11.9 0.0230 0.47 1.00 1.33 329.0 10.0 284.2 2.0 0
0.00 86. 1016. 0 ADJ-A1 NoSubs
19 12 20 354 19 -9.7 0.128 -9.000 -9.000 -999. 110. 19.6 0.0270 0.47 1.00 2.08 332.0 10.0 284.2 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
19 12 20 354 20 -7.3 0.111 -9.000 -9.000 -999. 88. 16.8 0.0270 0.47 1.00 1.82 338.0 10.0 283.8 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
19 12 20 354 21 -8.1 0.117 -9.000 -9.000 -999. 96. 17.7 0.0270 0.47 1.00 1.91 339.0 10.0 283.1 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
19 12 20 354 22 -8.3 0.118 -9.000 -9.000 -999. 97. 17.9 0.0270 0.47 1.00 1.93 340.0 10.0 283.1 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
19 12 20 354 23 -6.5 0.104 -9.000 -9.000 -999. 81. 15.7 0.0270 0.47 1.00 1.72 336.0 10.0 283.1 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
19 12 20 354 24 -7.3 0.111 -9.000 -9.000 -999. 88. 16.7 0.0270 0.47 1.00 1.82 339.0 10.0 282.5 2.0 0
0.00 86. 1014. 0 ADJ-A1 NoSubs
19 12 21 355 1 -6.7 0.106 -9.000 -9.000 -999. 82. 15.9 0.0270 0.47 1.00 1.74 335.0 10.0 282.5 2.0 0
0.00 83. 1014. 0 ADJ-A1 NoSubs
19 12 21 355 2 -9.0 0.123 -9.000 -9.000 -999. 104. 18.8 0.0270 0.47 1.00 2.01 346.0 10.0 282.5 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
19 12 21 355 3 -11.6 0.141 -9.000 -9.000 -999. 127. 21.8 0.0270 0.47 1.00 2.27 333.0 10.0 282.5 2.0 0
0.00 83. 1013. 0 ADJ-A1 NoSubs
19 12 21 355 4 -13.9 0.154 -9.000 -9.000 -999. 145. 26.1 0.0270 0.47 1.00 2.47 341.0 10.0 282.0 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
19 12 21 355 5 -7.7 0.113 -9.000 -9.000 -999. 92. 17.1 0.0270 0.47 1.00 1.86 343.0 10.0 282.0 2.0 0
0.00 82. 1012. 0 ADJ-A1 NoSubs
19 12 21 355 6 -11.4 0.139 -9.000 -9.000 -999. 125. 21.4 0.0270 0.47 1.00 2.25 338.0 10.0 282.0 2.0 0
0.00 79. 1011. 0 ADJ-A1 NoSubs
19 12 21 355 7 -12.2 0.144 -9.000 -9.000 -999. 131. 22.8 0.0270 0.47 1.00 2.32 338.0 10.0 281.4 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
19 12 21 355 8 -14.6 0.159 -9.000 -9.000 -999. 152. 27.8 0.0270 0.47 0.68 2.54 339.0 10.0 281.4 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
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0.00 79. 1012. 0 ADJ-A1 NoSubs
19 12 21 355 10 33.1 0.168 0.475 0.011 116. 166. -13.0 0.0270 0.47 0.26 2.08 346.0 10.0 284.2 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
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0.00 71. 1011. 0 ADJ-A1 NoSubs
19 12 21 355 12 68.7 0.229 0.829 0.010 299. 264. -15.9 0.0180 0.47 0.20 3.12 272.0 10.0 288.1 2.0 0
0.00 74. 1011. 0 ADJ-A1 NoSubs
19 12 21 355 13 60.1 0.276 0.845 0.009 361. 349. -31.7 0.0180 0.47 0.20 3.95 263.0 10.0 288.8 2.0 0
0.00 79. 1010. 7 ADJ-A1 NoSubs
19 12 21 355 14 59.5 0.216 0.881 0.009 413. 242. -15.2 0.0230 0.47 0.21 2.79 304.0 10.0 288.1 2.0 0
0.00 77. 1008. 0 ADJ-A1 NoSubs
19 12 21 355 15 38.6 0.194 0.781 0.008 444. 206. -17.1 0.0230 0.47 0.25 2.54 323.0 10.0 287.5 2.0 0
0.00 80. 1007. 0 ADJ-A1 NoSubs
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0.00 80. 1007. 0 ADJ-A1 NoSubs
19 12 21 355 17 -12.3 0.149 -9.000 -9.000 -999. 139. 24.5 0.0230 0.47 0.60 2.45 304.0 10.0 286.4 2.0 0

0.00 80. 1007. 0 ADJ-A1 NoSubs
19 12 21 355 18 -10.3 0.133 -9.000 -9.000 -999. 116. 20.4 0.0270 0.47 1.00 2.15 337.0 10.0 285.9 2.0 0
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0.00 86. 1006. 0 ADJ-A1 NoSubs
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0.00 89. 1005. 0 ADJ-A1 NoSubs
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0.00 82. 1003. 0 ADJ-A1 NoSubs
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0.00 79. 1003. 0 ADJ-A1 NoSubs
19 12 22 356 2 -8.7 0.121 -9.000 -9.000 -999. 101. 18.4 0.0270 0.47 1.00 1.98 337.0 10.0 280.9 2.0 0
0.00 78. 1002. 0 ADJ-A1 NoSubs
19 12 22 356 3 -17.3 0.174 -9.000 -9.000 -999. 174. 33.1 0.0270 0.47 1.00 2.76 351.0 10.0 280.4 2.0 0
0.00 82. 1001. 0 ADJ-A1 NoSubs
19 12 22 356 4 -12.9 0.149 -9.000 -9.000 -999. 137. 24.3 0.0230 0.47 1.00 2.45 8.0 10.0 280.9 2.0 0
0.00 82. 1000. 7 ADJ-A1 NoSubs
19 12 22 356 5 -6.7 0.105 -9.000 -9.000 -999. 82. 15.5 0.0200 0.47 1.00 1.82 83.0 10.0 284.9 2.0 0
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19 12 22 356 6 -31.2 0.317 -9.000 -9.000 -999. 428. 110.5 0.0210 0.47 1.00 5.11 225.0 10.0 284.2 2.0
11 9.90 96. 1001. 10 ADJ-A1 NoSubs
19 12 22 356 7 -19.3 0.196 -9.000 -9.000 -999. 216. 42.2 0.0310 0.47 1.00 3.02 160.0 10.0 284.9 2.0 11
6.10 92. 1001. 10 ADJ-A1 NoSubs
19 12 22 356 8 -3.2 0.073 -9.000 -9.000 -999. 62. 11.0 0.0170 0.47 0.69 1.28 194.0 10.0 284.2 2.0 11
1.80 89. 1002. 10 ADJ-A1 NoSubs
19 12 22 356 9 -1.7 0.083 -9.000 -9.000 -999. 57. 30.0 0.0230 0.47 0.37 1.35 1.0 10.0 284.9 2.0 0
0.00 89. 1003. 10 ADJ-A1 NoSubs
19 12 22 356 10 6.5 0.116 0.224 0.007 62. 95. -21.7 0.0230 0.47 0.26 1.55 2.0 10.0 285.4 2.0 0
0.00 92. 1003. 10 ADJ-A1 NoSubs
19 12 22 356 11 12.3 0.150 0.340 0.006 115. 139. -24.4 0.0230 0.47 0.22 2.01 319.0 10.0 285.9 2.0 11
1.80 92. 1004. 10 ADJ-A1 NoSubs
19 12 22 356 12 15.6 0.449 0.410 0.005 158. 723. -522.0 0.0170 0.47 0.20 7.09 201.0 10.0 287.0 2.0
11 0.80 86. 1003. 10 ADJ-A1 NoSubs
19 12 22 356 13 15.7 0.392 0.439 0.005 192. 591. -342.1 0.0210 0.47 0.20 5.94 227.0 10.0 286.4 2.0 0
0.00 86. 1003. 10 ADJ-A1 NoSubs
19 12 22 356 14 13.2 0.329 0.431 0.005 217. 456. -241.8 0.0180 0.47 0.21 5.09 248.0 10.0 286.4 2.0 0
0.00 83. 1003. 10 ADJ-A1 NoSubs
19 12 22 356 15 8.0 0.348 0.369 0.005 224. 492. -470.1 0.0180 0.47 0.25 5.43 255.0 10.0 286.4 2.0 0
0.00 77. 1004. 10 ADJ-A1 NoSubs
19 12 22 356 16 0.8 0.231 0.170 0.005 225. 274. -1412.4 0.0180 0.47 0.34 3.64 253.0 10.0 287.0 2.0 0
0.00 71. 1004. 10 ADJ-A1 NoSubs
19 12 22 356 17 -9.9 0.132 -9.000 -9.000 -999. 120. 20.7 0.0210 0.47 0.60 2.22 235.0 10.0 285.4 2.0 0
0.00 80. 1005. 10 ADJ-A1 NoSubs
19 12 22 356 18 -5.3 0.093 -9.000 -9.000 -999. 69. 13.9 0.0230 0.47 1.00 1.59 1.0 10.0 284.2 2.0 0
0.00 82. 1005. 3 ADJ-A1 NoSubs
19 12 22 356 19 -13.4 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.47 1.00 2.49 109.0 10.0 283.1 2.0 0
0.00 86. 1006. 7 ADJ-A1 NoSubs
19 12 22 356 20 -4.0 0.081 -9.000 -9.000 -999. 57. 12.1 0.0230 0.47 1.00 1.37 97.0 10.0 283.1 2.0 0

0.00 89. 1006. 3 ADJ-A1 NoSubs
19 12 22 356 21 -5.5 0.096 -9.000 -9.000 -999. 71. 14.4 0.0270 0.47 1.00 1.59 343.0 10.0 282.0 2.0 0
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19 12 22 356 22 -6.8 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.47 1.00 1.76 338.0 10.0 281.4 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 12 22 356 23 -3.8 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.47 1.00 1.30 336.0 10.0 280.4 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 12 22 356 24 -15.6 0.164 -9.000 -9.000 -999. 160. 29.7 0.0270 0.47 1.00 2.62 331.0 10.0 280.4 2.0 0
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19 12 23 357 1 -16.1 0.167 -9.000 -9.000 -999. 164. 30.6 0.0270 0.47 1.00 2.66 334.0 10.0 279.9 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
19 12 23 357 2 -5.8 0.098 -9.000 -9.000 -999. 75. 14.6 0.0270 0.47 1.00 1.62 343.0 10.0 278.8 2.0 0
0.00 95. 1006. 0 ADJ-A1 NoSubs
19 12 23 357 3 -6.7 0.105 -9.000 -9.000 -999. 82. 15.7 0.0270 0.47 1.00 1.74 348.0 10.0 278.1 2.0 0
0.00 95. 1006. 0 ADJ-A1 NoSubs
19 12 23 357 4 -10.4 0.133 -9.000 -9.000 -999. 116. 20.1 0.0270 0.47 1.00 2.15 337.0 10.0 278.8 2.0 0
0.00 91. 1006. 0 ADJ-A1 NoSubs
19 12 23 357 5 -13.1 0.149 -9.000 -9.000 -999. 139. 24.5 0.0270 0.47 1.00 2.40 334.0 10.0 278.1 2.0 0
0.00 95. 1006. 0 ADJ-A1 NoSubs
19 12 23 357 6 -12.0 0.143 -9.000 -9.000 -999. 129. 22.4 0.0270 0.47 1.00 2.30 338.0 10.0 278.1 2.0 0
0.00 95. 1006. 0 ADJ-A1 NoSubs
19 12 23 357 7 -4.5 0.087 -9.000 -9.000 -999. 62. 12.9 0.0270 0.47 1.00 1.43 341.0 10.0 278.1 2.0 0
0.00 92. 1006. 0 ADJ-A1 NoSubs
19 12 23 357 8 -7.6 0.113 -9.000 -9.000 -999. 92. 17.1 0.0270 0.47 0.69 1.86 338.0 10.0 278.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 12 23 357 9 1.6 0.111 0.088 0.007 16. 89. -78.4 0.0270 0.47 0.37 1.55 336.0 10.0 280.4 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 12 23 357 10 32.5 0.087 0.465 0.007 111. 62. -1.8 0.0230 0.47 0.26 0.87 324.0 10.0 283.1 2.0 0
0.00 76. 1007. 0 ADJ-A1 NoSubs
19 12 23 357 11 55.5 0.163 0.795 0.007 325. 159. -7.1 0.0230 0.47 0.22 1.96 109.0 10.0 284.9 2.0 0
0.00 71. 1007. 0 ADJ-A1 NoSubs
19 12 23 357 12 68.1 0.167 0.972 0.006 484. 164. -6.1 0.0280 0.47 0.20 1.89 124.0 10.0 285.9 2.0 0
0.00 68. 1006. 0 ADJ-A1 NoSubs
19 12 23 357 13 72.9 0.148 1.030 0.006 536. 136. -3.9 0.0310 0.47 0.20 1.54 167.0 10.0 287.0 2.0 0
0.00 63. 1005. 3 ADJ-A1 NoSubs
19 12 23 357 14 52.0 0.133 0.939 0.005 570. 116. -4.0 0.0170 0.47 0.21 1.59 197.0 10.0 287.0 2.0 0
0.00 63. 1004. 7 ADJ-A1 NoSubs
19 12 23 357 15 8.2 0.155 0.509 0.005 575. 146. -40.8 0.0170 0.47 0.25 2.27 206.0 10.0 287.0 2.0 0
0.00 63. 1004. 10 ADJ-A1 NoSubs
19 12 23 357 16 9.1 0.208 0.529 0.005 580. 228. -88.6 0.0180 0.47 0.34 3.13 243.0 10.0 285.4 2.0 0
0.00 68. 1005. 0 ADJ-A1 NoSubs
19 12 23 357 17 -5.1 0.093 -9.000 -9.000 -999. 77. 14.4 0.0180 0.47 0.59 1.65 249.0 10.0 283.8 2.0 0
0.00 76. 1005. 0 ADJ-A1 NoSubs
19 12 23 357 18 -1.8 0.061 -9.000 -9.000 -999. 37. 11.5 0.0240 0.47 1.00 0.82 33.0 10.0 283.1 2.0 0
0.00 82. 1005. 10 ADJ-A1 NoSubs
19 12 23 357 19 -5.3 0.094 -9.000 -9.000 -999. 69. 14.0 0.0270 0.47 1.00 1.55 348.0 10.0 281.4 2.0 0
0.00 89. 1006. 5 ADJ-A1 NoSubs
19 12 23 357 20 -8.9 0.122 -9.000 -9.000 -999. 102. 18.3 0.0230 0.47 1.00 2.04 325.0 10.0 282.0 2.0 0
0.00 85. 1006. 10 ADJ-A1 NoSubs
19 12 23 357 21 -9.0 0.123 -9.000 -9.000 -999. 104. 18.7 0.0270 0.47 1.00 2.01 332.0 10.0 282.0 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
19 12 23 357 22 -5.3 0.093 -9.000 -9.000 -999. 69. 13.8 0.0230 0.47 1.00 1.59 18.0 10.0 280.4 2.0 0
0.00 89. 1007. 0 ADJ-A1 NoSubs
19 12 23 357 23 -9.2 0.125 -9.000 -9.000 -999. 105. 18.9 0.0270 0.47 1.00 2.03 333.0 10.0 279.9 2.0 0

0.00 92. 1007. 7 ADJ-A1 NoSubs
19 12 23 357 24 -6.0 0.100 -9.000 -9.000 -999. 76. 14.9 0.0270 0.47 1.00 1.65 342.0 10.0 279.2 2.0 0
0.00 92. 1007. 5 ADJ-A1 NoSubs
19 12 24 358 1 -5.1 0.092 -9.000 -9.000 -999. 67. 13.7 0.0270 0.47 1.00 1.52 342.0 10.0 278.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 12 24 358 2 -10.7 0.135 -9.000 -9.000 -999. 118. 20.4 0.0270 0.47 1.00 2.18 346.0 10.0 278.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 12 24 358 3 -6.3 0.102 -9.000 -9.000 -999. 79. 15.2 0.0270 0.47 1.00 1.69 337.0 10.0 278.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 12 24 358 4 -8.9 0.122 -9.000 -9.000 -999. 102. 18.3 0.0270 0.47 1.00 1.99 350.0 10.0 277.5 2.0 0
0.00 96. 1007. 3 ADJ-A1 NoSubs
19 12 24 358 5 -7.9 0.115 -9.000 -9.000 -999. 94. 17.3 0.0270 0.47 1.00 1.89 348.0 10.0 278.1 2.0 0
0.00 92. 1007. 0 ADJ-A1 NoSubs
19 12 24 358 6 -12.3 0.145 -9.000 -9.000 -999. 132. 23.0 0.0270 0.47 1.00 2.33 334.0 10.0 277.5 2.0 0
0.00 92. 1008. 3 ADJ-A1 NoSubs
19 12 24 358 7 -6.0 0.100 -9.000 -9.000 -999. 76. 14.8 0.0270 0.47 1.00 1.65 338.0 10.0 276.4 2.0 0
0.00 96. 1008. 3 ADJ-A1 NoSubs
19 12 24 358 8 -4.9 0.090 -9.000 -9.000 -999. 65. 13.3 0.0230 0.47 0.70 1.53 15.0 10.0 277.5 2.0 0
0.00 92. 1009. 0 ADJ-A1 NoSubs
19 12 24 358 9 -3.0 0.093 -9.000 -9.000 -999. 68. 24.7 0.0230 0.47 0.37 1.53 329.0 10.0 279.2 2.0 0
0.00 92. 1009. 10 ADJ-A1 NoSubs
19 12 24 358 10 5.9 0.080 0.195 0.005 45. 54. -7.8 0.0230 0.47 0.26 0.97 108.0 10.0 282.5 2.0 0
0.00 86. 1009. 10 ADJ-A1 NoSubs
19 12 24 358 11 11.7 0.101 0.297 0.005 80. 77. -7.9 0.0280 0.47 0.22 1.18 129.0 10.0 283.1 2.0 0
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19 12 24 358 13 70.2 0.183 0.948 0.005 436. 188. -7.9 0.0170 0.47 0.20 2.36 196.0 10.0 284.9 2.0 0
0.00 71. 1008. 5 ADJ-A1 NoSubs
19 12 24 358 14 12.6 0.225 0.549 0.005 469. 256. -80.9 0.0180 0.47 0.21 3.37 270.0 10.0 283.1 2.0 0
0.00 82. 1007. 10 ADJ-A1 NoSubs
19 12 24 358 15 35.5 0.129 0.819 0.005 555. 115. -5.4 0.0230 0.47 0.25 1.50 309.0 10.0 284.2 2.0 0
0.00 74. 1007. 7 ADJ-A1 NoSubs
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0.00 76. 1008. 10 ADJ-A1 NoSubs
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0.00 83. 1008. 0 ADJ-A1 NoSubs
19 12 24 358 18 -5.2 0.093 -9.000 -9.000 -999. 68. 13.8 0.0240 0.47 1.00 1.57 39.0 10.0 282.0 2.0 0
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19 12 24 358 19 -4.2 0.084 -9.000 -9.000 -999. 58. 12.6 0.0270 0.47 1.00 1.38 339.0 10.0 281.4 2.0 0
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0.00 96. 1007. 10 ADJ-A1 NoSubs
19 12 24 358 24 -3.5 0.077 -9.000 -9.000 -999. 51. 11.8 0.0270 0.47 1.00 1.25 332.0 10.0 281.4 2.0 11
0.30 89. 1007. 10 ADJ-A1 NoSubs
19 12 25 359 1 -3.2 0.074 -9.000 -9.000 -999. 48. 11.3 0.0240 0.47 1.00 1.21 33.0 10.0 280.9 2.0 0
0.00 95. 1007. 10 ADJ-A1 NoSubs
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0.30 92. 1007. 10 ADJ-A1 NoSubs
19 12 25 359 3 -3.7 0.080 -9.000 -9.000 -999. 54. 12.1 0.0270 0.47 1.00 1.30 346.0 10.0 281.4 2.0 0
0.00 92. 1007. 10 ADJ-A1 NoSubs
19 12 25 359 4 -3.1 0.073 -9.000 -9.000 -999. 47. 11.2 0.0240 0.47 1.00 1.18 48.0 10.0 281.4 2.0 0
0.00 89. 1006. 10 ADJ-A1 NoSubs
19 12 25 359 5 -6.1 0.100 -9.000 -9.000 -999. 76. 14.9 0.0240 0.47 1.00 1.69 30.0 10.0 280.9 2.0 11
1.80 92. 1006. 10 ADJ-A1 NoSubs
19 12 25 359 6 -7.4 0.111 -9.000 -9.000 -999. 89. 16.8 0.0280 0.47 1.00 1.82 135.0 10.0 280.9 2.0 11
1.80 92. 1006. 10 ADJ-A1 NoSubs
19 12 25 359 7 -9.0 0.122 -9.000 -9.000 -999. 103. 18.3 0.0230 0.47 1.00 2.05 15.0 10.0 280.9 2.0 11
1.30 95. 1006. 10 ADJ-A1 NoSubs
19 12 25 359 8 -13.4 0.151 -9.000 -9.000 -999. 141. 25.1 0.0230 0.47 0.70 2.49 97.0 10.0 280.9 2.0 0
0.00 88. 1006. 10 ADJ-A1 NoSubs
19 12 25 359 9 1.3 0.106 0.156 0.005 106. 83. -82.3 0.0230 0.47 0.37 1.52 95.0 10.0 281.4 2.0 11
0.30 92. 1007. 0 ADJ-A1 NoSubs
19 12 25 359 10 5.8 0.101 0.306 0.005 177. 77. -15.9 0.0280 0.47 0.26 1.26 133.0 10.0 282.0 2.0 0
0.00 85. 1007. 10 ADJ-A1 NoSubs
19 12 25 359 11 48.3 0.155 0.844 0.005 447. 147. -6.9 0.0200 0.47 0.22 1.91 68.0 10.0 282.5 2.0 0
0.00 86. 1006. 7 ADJ-A1 NoSubs
19 12 25 359 12 67.6 0.173 1.029 0.005 577. 173. -6.9 0.0200 0.47 0.20 2.13 66.0 10.0 283.8 2.0 0
0.00 82. 1004. 0 ADJ-A1 NoSubs
19 12 25 359 13 69.2 0.120 1.082 0.005 656. 100. -2.2 0.0200 0.47 0.20 1.28 74.0 10.0 284.9 2.0 0
0.00 76. 1003. 0 ADJ-A1 NoSubs
19 12 25 359 14 13.0 0.315 0.624 0.005 669. 423. -214.3 0.0230 0.47 0.21 4.66 99.0 10.0 284.9 2.0 0
0.00 71. 1002. 10 ADJ-A1 NoSubs
19 12 25 359 15 35.9 0.253 0.893 0.005 706. 307. -40.2 0.0230 0.47 0.24 3.51 105.0 10.0 285.4 2.0 0
0.00 68. 1001. 7 ADJ-A1 NoSubs
19 12 25 359 16 0.5 0.360 0.220 0.005 706. 518. -7698.0 0.0230 0.47 0.33 5.46 98.0 10.0 284.9 2.0 0
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19 12 25 359 17 -26.9 0.298 -9.000 -9.000 -999. 393. 97.8 0.0200 0.47 0.59 4.85 85.0 10.0 284.9 2.0 0
0.00 65. 1000. 10 ADJ-A1 NoSubs
19 12 25 359 18 -27.3 0.278 -9.000 -9.000 -999. 352. 85.0 0.0200 0.47 1.00 4.54 67.0 10.0 284.9 2.0 0
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19 12 25 359 19 -30.5 0.310 -9.000 -9.000 -999. 414. 105.6 0.0200 0.47 1.00 5.04 81.0 10.0 284.2 2.0 0
0.00 71. 999. 10 ADJ-A1 NoSubs
19 12 25 359 20 -32.6 0.329 -9.000 -9.000 -999. 453. 119.1 0.0230 0.47 1.00 5.22 110.0 10.0 282.5 2.0
11 0.80 79. 1000. 10 ADJ-A1 NoSubs
19 12 25 359 21 -19.3 0.195 -9.000 -9.000 -999. 217. 41.7 0.0200 0.47 1.00 3.23 87.0 10.0 282.0 2.0 11
0.80 85. 1000. 10 ADJ-A1 NoSubs
19 12 25 359 22 -22.2 0.223 -9.000 -9.000 -999. 252. 54.6 0.0230 0.47 1.00 3.59 94.0 10.0 281.4 2.0 11
0.50 89. 1001. 10 ADJ-A1 NoSubs
19 12 25 359 23 -33.3 0.336 -9.000 -9.000 -999. 466. 123.8 0.0200 0.47 1.00 5.44 78.0 10.0 282.0 2.0
11 0.80 79. 1001. 10 ADJ-A1 NoSubs
19 12 25 359 24 -27.9 0.280 -9.000 -9.000 -999. 358. 86.5 0.0200 0.47 1.00 4.58 67.0 10.0 281.4 2.0 11
0.80 85. 1002. 10 ADJ-A1 NoSubs
19 12 26 360 1 -20.7 0.208 -9.000 -9.000 -999. 230. 47.6 0.0240 0.47 1.00 3.34 48.0 10.0 282.0 2.0 0
0.00 79. 1002. 10 ADJ-A1 NoSubs
19 12 26 360 2 -26.4 0.266 -9.000 -9.000 -999. 328. 77.6 0.0240 0.47 1.00 4.22 48.0 10.0 282.5 2.0 0
0.00 76. 1003. 7 ADJ-A1 NoSubs
19 12 26 360 3 -28.7 0.289 -9.000 -9.000 -999. 373. 92.0 0.0240 0.47 1.00 4.58 48.0 10.0 282.5 2.0 0
0.00 73. 1004. 10 ADJ-A1 NoSubs
19 12 26 360 4 -23.7 0.239 -9.000 -9.000 -999. 281. 62.7 0.0240 0.47 1.00 3.81 38.0 10.0 282.5 2.0 0
0.00 73. 1004. 10 ADJ-A1 NoSubs
19 12 26 360 5 -21.7 0.218 -9.000 -9.000 -999. 244. 52.2 0.0240 0.47 1.00 3.49 35.0 10.0 282.5 2.0 11

0.30 76. 1004. 10 ADJ-A1 NoSubs
19 12 26 360 6 -24.7 0.248 -9.000 -9.000 -999. 296. 67.6 0.0240 0.47 1.00 3.95 34.0 10.0 282.5 2.0 0
0.00 73. 1005. 3 ADJ-A1 NoSubs
19 12 26 360 7 -26.6 0.267 -9.000 -9.000 -999. 331. 78.4 0.0240 0.47 1.00 4.24 39.0 10.0 282.5 2.0 0
0.00 73. 1006. 7 ADJ-A1 NoSubs
19 12 26 360 8 -18.9 0.191 -9.000 -9.000 -999. 203. 40.2 0.0240 0.47 0.70 3.08 34.0 10.0 282.5 2.0 0
0.00 70. 1006. 0 ADJ-A1 NoSubs
19 12 26 360 9 1.3 0.133 0.097 0.005 26. 118. -168.2 0.0280 0.47 0.37 1.90 127.0 10.0 282.5 2.0 0
0.00 76. 1007. 0 ADJ-A1 NoSubs
19 12 26 360 10 32.4 0.173 0.732 0.007 435. 172. -14.3 0.0170 0.47 0.26 2.35 180.0 10.0 285.4 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
19 12 26 360 11 55.5 0.265 0.916 0.007 498. 328. -30.2 0.0310 0.47 0.22 3.42 171.0 10.0 285.9 2.0 0
0.00 61. 1008. 0 ADJ-A1 NoSubs
19 12 26 360 12 68.2 0.269 1.024 0.006 565. 335. -25.7 0.0210 0.47 0.20 3.69 226.0 10.0 286.4 2.0 0
0.00 59. 1007. 0 ADJ-A1 NoSubs
19 12 26 360 13 69.7 0.239 1.068 0.005 628. 280. -17.5 0.0210 0.47 0.20 3.18 231.0 10.0 287.0 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
19 12 26 360 14 60.0 0.245 1.042 0.005 676. 291. -22.1 0.0180 0.47 0.21 3.42 246.0 10.0 287.0 2.0 0
0.00 59. 1006. 0 ADJ-A1 NoSubs
19 12 26 360 15 39.6 0.250 0.920 0.005 706. 301. -35.7 0.0170 0.47 0.24 3.64 183.0 10.0 287.0 2.0 0
0.00 54. 1007. 0 ADJ-A1 NoSubs
19 12 26 360 16 10.5 0.194 0.593 0.005 715. 206. -62.6 0.0280 0.47 0.33 2.66 145.0 10.0 287.5 2.0 0
0.00 48. 1007. 0 ADJ-A1 NoSubs
19 12 26 360 17 -6.3 0.106 -9.000 -9.000 -999. 86. 17.1 0.0230 0.47 0.58 1.79 105.0 10.0 285.4 2.0 0
0.00 58. 1007. 0 ADJ-A1 NoSubs
19 12 26 360 18 -4.4 0.085 -9.000 -9.000 -999. 60. 12.7 0.0230 0.47 1.00 1.45 2.0 10.0 282.5 2.0 0
0.00 70. 1008. 0 ADJ-A1 NoSubs
19 12 26 360 19 -16.2 0.167 -9.000 -9.000 -999. 164. 30.6 0.0270 0.47 1.00 2.66 336.0 10.0 280.4 2.0 0
0.00 76. 1009. 0 ADJ-A1 NoSubs
19 12 26 360 20 -10.0 0.130 -9.000 -9.000 -999. 113. 19.7 0.0270 0.47 1.00 2.11 343.0 10.0 279.2 2.0 0
0.00 79. 1009. 0 ADJ-A1 NoSubs
19 12 26 360 21 -6.4 0.103 -9.000 -9.000 -999. 79. 15.1 0.0230 0.47 1.00 1.74 326.0 10.0 278.8 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
19 12 26 360 22 -8.4 0.119 -9.000 -9.000 -999. 98. 17.8 0.0270 0.47 1.00 1.94 345.0 10.0 278.1 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
19 12 26 360 23 -12.8 0.147 -9.000 -9.000 -999. 136. 23.9 0.0270 0.47 1.00 2.37 333.0 10.0 277.5 2.0 0
0.00 82. 1010. 0 ADJ-A1 NoSubs
19 12 26 360 24 -14.8 0.159 -9.000 -9.000 -999. 152. 27.7 0.0270 0.47 1.00 2.54 337.0 10.0 277.5 2.0 0
0.00 82. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 1 -8.0 0.115 -9.000 -9.000 -999. 94. 17.2 0.0270 0.47 1.00 1.89 341.0 10.0 276.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 2 -8.6 0.120 -9.000 -9.000 -999. 100. 18.0 0.0270 0.47 1.00 1.96 339.0 10.0 276.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 3 -13.6 0.152 -9.000 -9.000 -999. 142. 25.4 0.0270 0.47 1.00 2.44 340.0 10.0 276.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 4 -11.8 0.141 -9.000 -9.000 -999. 127. 21.9 0.0270 0.47 1.00 2.28 337.0 10.0 275.9 2.0 0
0.00 88. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 5 -9.6 0.126 -9.000 -9.000 -999. 108. 19.0 0.0270 0.47 1.00 2.06 345.0 10.0 275.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 6 -5.3 0.094 -9.000 -9.000 -999. 69. 13.9 0.0270 0.47 1.00 1.55 340.0 10.0 275.4 2.0 0
0.00 89. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 7 -8.2 0.116 -9.000 -9.000 -999. 95. 17.4 0.0270 0.47 1.00 1.91 336.0 10.0 275.4 2.0 0
0.00 89. 1012. 0 ADJ-A1 NoSubs
19 12 27 361 8 -3.2 0.074 -9.000 -9.000 -999. 48. 11.2 0.0230 0.47 0.71 1.21 7.0 10.0 275.4 2.0 0

0.00 89. 1012. 0 ADJ-A1 NoSubs
19 12 27 361 9 0.4 0.067 0.043 0.015 6. 42. -61.7 0.0170 0.47 0.37 1.01 197.0 10.0 277.5 2.0 0
0.00 85. 1013. 0 ADJ-A1 NoSubs
19 12 27 361 10 31.5 0.112 0.371 0.010 58. 90. -4.1 0.0230 0.47 0.26 1.26 116.0 10.0 280.9 2.0 0
0.00 70. 1013. 0 ADJ-A1 NoSubs
19 12 27 361 11 55.0 0.140 0.560 0.008 115. 126. -4.5 0.0280 0.47 0.22 1.53 124.0 10.0 283.8 2.0 0
0.00 65. 1013. 0 ADJ-A1 NoSubs
19 12 27 361 12 68.0 0.132 0.754 0.006 227. 116. -3.1 0.0280 0.47 0.20 1.37 129.0 10.0 285.4 2.0 0
0.00 56. 1012. 0 ADJ-A1 NoSubs
19 12 27 361 13 69.7 0.154 0.839 0.005 305. 144. -4.7 0.0310 0.47 0.20 1.64 159.0 10.0 286.4 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 14 60.1 0.175 0.886 0.005 417. 175. -8.0 0.0170 0.47 0.21 2.25 202.0 10.0 286.4 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 15 39.8 0.173 0.831 0.005 519. 173. -11.8 0.0170 0.47 0.24 2.32 206.0 10.0 287.0 2.0 0
0.00 52. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 16 10.5 0.183 0.541 0.005 540. 188. -52.4 0.0210 0.47 0.33 2.62 212.0 10.0 286.4 2.0 0
0.00 56. 1011. 0 ADJ-A1 NoSubs
19 12 27 361 17 -7.3 0.113 -9.000 -9.000 -999. 92. 17.8 0.0170 0.47 0.58 1.98 205.0 10.0 283.1 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
19 12 27 361 18 -3.3 0.074 -9.000 -9.000 -999. 49. 11.4 0.0230 0.47 1.00 1.23 8.0 10.0 282.5 2.0 0
0.00 76. 1012. 0 ADJ-A1 NoSubs
19 12 27 361 19 -13.0 0.149 -9.000 -9.000 -999. 138. 24.3 0.0270 0.47 1.00 2.39 336.0 10.0 280.9 2.0 0
0.00 78. 1012. 0 ADJ-A1 NoSubs
19 12 27 361 20 -10.5 0.133 -9.000 -9.000 -999. 117. 20.3 0.0270 0.47 1.00 2.16 342.0 10.0 279.9 2.0 0
0.00 78. 1013. 0 ADJ-A1 NoSubs
19 12 27 361 21 -13.1 0.149 -9.000 -9.000 -999. 139. 24.5 0.0270 0.47 1.00 2.40 335.0 10.0 279.2 2.0 0
0.00 79. 1013. 0 ADJ-A1 NoSubs
19 12 27 361 22 -17.9 0.176 -9.000 -9.000 -999. 177. 33.9 0.0270 0.47 1.00 2.79 339.0 10.0 278.8 2.0 0
0.00 78. 1014. 0 ADJ-A1 NoSubs
19 12 27 361 23 -8.4 0.118 -9.000 -9.000 -999. 98. 17.7 0.0270 0.47 1.00 1.93 343.0 10.0 278.1 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
19 12 27 361 24 -6.5 0.104 -9.000 -9.000 -999. 80. 15.4 0.0270 0.47 1.00 1.71 344.0 10.0 278.1 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
19 12 28 362 1 -3.6 0.077 -9.000 -9.000 -999. 51. 11.5 0.0230 0.47 1.00 1.28 16.0 10.0 277.5 2.0 0
0.00 79. 1014. 0 ADJ-A1 NoSubs
19 12 28 362 2 -4.3 0.084 -9.000 -9.000 -999. 58. 12.4 0.0230 0.47 1.00 1.42 320.0 10.0 277.0 2.0 0
0.00 85. 1014. 0 ADJ-A1 NoSubs
19 12 28 362 3 -4.9 0.089 -9.000 -9.000 -999. 64. 13.1 0.0230 0.47 1.00 1.52 316.0 10.0 275.9 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
19 12 28 362 4 -7.8 0.113 -9.000 -9.000 -999. 91. 16.9 0.0270 0.47 1.00 1.86 354.0 10.0 275.9 2.0 0
0.00 92. 1014. 0 ADJ-A1 NoSubs
19 12 28 362 5 -4.5 0.086 -9.000 -9.000 -999. 61. 12.8 0.0270 0.47 1.00 1.42 341.0 10.0 275.9 2.0 0
0.00 88. 1015. 0 ADJ-A1 NoSubs
19 12 28 362 6 -2.3 0.065 -9.000 -9.000 -999. 40. 11.0 0.0230 0.47 1.00 0.96 14.0 10.0 275.4 2.0 0
0.00 92. 1015. 0 ADJ-A1 NoSubs
19 12 28 362 7 -1.7 0.061 -9.000 -9.000 -999. 36. 12.2 0.0270 0.47 1.00 0.75 338.0 10.0 275.4 2.0 0
0.00 89. 1016. 0 ADJ-A1 NoSubs
19 12 28 362 8 -3.4 0.074 -9.000 -9.000 -999. 49. 11.0 0.0180 0.47 0.71 1.28 288.0 10.0 275.9 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
19 12 28 362 9 0.4 0.072 0.033 0.016 4. 46. -90.5 0.0180 0.47 0.37 1.08 274.0 10.0 278.1 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
19 12 28 362 10 31.4 0.128 0.411 0.014 80. 110. -6.1 0.0280 0.47 0.26 1.45 135.0 10.0 280.9 2.0 0
0.00 73. 1017. 0 ADJ-A1 NoSubs
19 12 28 362 11 55.0 0.145 0.676 0.015 203. 132. -5.0 0.0230 0.47 0.22 1.67 105.0 10.0 283.8 2.0 0

0.00 60. 1016. 0 ADJ-A1 NoSubs
19 12 28 362 12 68.2 0.144 0.806 0.015 278. 131. -4.0 0.0280 0.47 0.20 1.54 134.0 10.0 285.9 2.0 0
0.00 52. 1015. 0 ADJ-A1 NoSubs
19 12 28 362 13 70.0 0.142 0.849 0.014 316. 129. -3.7 0.0310 0.47 0.20 1.47 154.0 10.0 287.0 2.0 0
0.00 50. 1014. 0 ADJ-A1 NoSubs
19 12 28 362 14 60.7 0.104 0.835 0.013 347. 81. -1.7 0.0170 0.47 0.21 1.11 194.0 10.0 288.1 2.0 0
0.00 47. 1013. 0 ADJ-A1 NoSubs
19 12 28 362 15 40.2 0.198 0.751 0.013 380. 211. -17.4 0.0180 0.47 0.24 2.71 244.0 10.0 287.0 2.0 0
0.00 57. 1013. 0 ADJ-A1 NoSubs
19 12 28 362 16 10.9 0.151 0.491 0.013 391. 142. -28.7 0.0180 0.47 0.33 2.15 263.0 10.0 286.4 2.0 0
0.00 56. 1014. 0 ADJ-A1 NoSubs
19 12 28 362 17 -3.5 0.078 -9.000 -9.000 -999. 54. 12.2 0.0180 0.47 0.57 1.37 288.0 10.0 284.9 2.0 0
0.00 68. 1014. 0 ADJ-A1 NoSubs
19 12 28 362 18 -3.4 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.47 1.00 1.26 302.0 10.0 283.1 2.0 0
0.00 73. 1014. 0 ADJ-A1 NoSubs
19 12 28 362 19 -6.9 0.107 -9.000 -9.000 -999. 84. 16.1 0.0270 0.47 1.00 1.76 356.0 10.0 281.4 2.0 0
0.00 82. 1015. 0 ADJ-A1 NoSubs
19 12 28 362 20 -8.3 0.118 -9.000 -9.000 -999. 97. 17.8 0.0270 0.47 1.00 1.93 342.0 10.0 281.4 2.0 0
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19 12 28 362 21 -11.8 0.141 -9.000 -9.000 -999. 128. 22.0 0.0270 0.47 1.00 2.28 336.0 10.0 280.4 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
19 12 28 362 22 -15.4 0.162 -9.000 -9.000 -999. 157. 28.9 0.0270 0.47 1.00 2.59 340.0 10.0 279.9 2.0 0
0.00 85. 1015. 0 ADJ-A1 NoSubs
19 12 28 362 23 -7.1 0.109 -9.000 -9.000 -999. 86. 16.3 0.0270 0.47 1.00 1.79 347.0 10.0 279.2 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
19 12 28 362 24 -10.1 0.130 -9.000 -9.000 -999. 112. 19.7 0.0270 0.47 1.00 2.11 343.0 10.0 279.2 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
19 12 29 363 1 -8.9 0.122 -9.000 -9.000 -999. 102. 18.4 0.0270 0.47 1.00 1.99 334.0 10.0 279.9 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
19 12 29 363 2 -3.8 0.079 -9.000 -9.000 -999. 54. 11.8 0.0230 0.47 1.00 1.33 3.0 10.0 279.2 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
19 12 29 363 3 -3.5 0.076 -9.000 -9.000 -999. 50. 11.5 0.0230 0.47 1.00 1.26 2.0 10.0 279.2 2.0 0
0.00 88. 1016. 0 ADJ-A1 NoSubs
19 12 29 363 4 -5.6 0.096 -9.000 -9.000 -999. 71. 14.3 0.0270 0.47 1.00 1.59 337.0 10.0 279.2 2.0 0
0.00 88. 1015. 3 ADJ-A1 NoSubs
19 12 29 363 5 -5.2 0.092 -9.000 -9.000 -999. 67. 13.6 0.0230 0.47 1.00 1.57 6.0 10.0 279.9 2.0 0
0.00 85. 1015. 10 ADJ-A1 NoSubs
19 12 29 363 6 -10.7 0.135 -9.000 -9.000 -999. 119. 20.5 0.0270 0.47 1.00 2.18 330.0 10.0 280.4 2.0 0
0.00 85. 1015. 7 ADJ-A1 NoSubs
19 12 29 363 7 -11.2 0.137 -9.000 -9.000 -999. 122. 21.0 0.0270 0.47 1.00 2.22 340.0 10.0 280.4 2.0 0
0.00 85. 1015. 5 ADJ-A1 NoSubs
19 12 29 363 8 -3.0 0.072 -9.000 -9.000 -999. 47. 11.2 0.0240 0.47 0.71 1.16 35.0 10.0 280.4 2.0 0
0.00 85. 1016. 0 ADJ-A1 NoSubs
19 12 29 363 9 -2.4 0.085 -9.000 -9.000 -999. 60. 22.9 0.0270 0.47 0.37 1.37 335.0 10.0 281.4 2.0 0
0.00 82. 1017. 10 ADJ-A1 NoSubs
19 12 29 363 10 5.8 0.082 0.225 0.005 70. 57. -8.7 0.0230 0.47 0.26 1.01 4.0 10.0 283.1 2.0 0
0.00 79. 1017. 10 ADJ-A1 NoSubs
19 12 29 363 11 11.8 0.095 0.337 0.006 116. 70. -6.5 0.0280 0.47 0.22 1.08 121.0 10.0 284.2 2.0 0
0.00 76. 1016. 10 ADJ-A1 NoSubs
19 12 29 363 12 15.2 0.095 0.404 0.009 157. 71. -5.2 0.0280 0.47 0.20 1.06 125.0 10.0 284.9 2.0 0
0.00 73. 1015. 10 ADJ-A1 NoSubs
19 12 29 363 13 15.6 0.088 0.450 0.013 210. 63. -3.9 0.0280 0.47 0.20 0.94 134.0 10.0 284.9 2.0 0
0.00 79. 1014. 10 ADJ-A1 NoSubs
19 12 29 363 14 13.2 0.093 0.473 0.016 290. 68. -5.4 0.0230 0.47 0.21 1.08 99.0 10.0 284.9 2.0 0

0.00 79. 1013. 10 ADJ-A1 NoSubs
19 12 29 363 15 8.0 0.123 0.420 0.016 330. 103. -20.8 0.0240 0.47 0.24 1.62 49.0 10.0 284.2 2.0 11
0.30 86. 1012. 10 ADJ-A1 NoSubs
19 12 29 363 16 0.7 0.114 0.185 0.016 333. 92. -194.8 0.0270 0.47 0.33 1.64 360.0 10.0 283.8 2.0 11
2.50 96. 1012. 10 ADJ-A1 NoSubs
19 12 29 363 17 -5.7 0.100 -9.000 -9.000 -999. 76. 15.9 0.0270 0.47 0.57 1.65 335.0 10.0 283.8 2.0 11
1.50 92. 1011. 10 ADJ-A1 NoSubs
19 12 29 363 18 -6.2 0.101 -9.000 -9.000 -999. 78. 15.2 0.0240 0.47 1.00 1.71 48.0 10.0 283.8 2.0 11
3.30 96. 1011. 10 ADJ-A1 NoSubs
19 12 29 363 19 -4.0 0.081 -9.000 -9.000 -999. 56. 12.1 0.0230 0.47 1.00 1.37 97.0 10.0 283.8 2.0 11
0.50 96. 1011. 10 ADJ-A1 NoSubs
19 12 29 363 20 -4.0 0.082 -9.000 -9.000 -999. 56. 12.2 0.0230 0.47 1.00 1.38 19.0 10.0 283.1 2.0 0
0.00 96. 1010. 0 ADJ-A1 NoSubs
19 12 29 363 21 -2.2 0.065 -9.000 -9.000 -999. 39. 10.9 0.0230 0.47 1.00 0.96 312.0 10.0 282.5 2.0 0
0.00 92. 1010. 7 ADJ-A1 NoSubs
19 12 29 363 22 -4.8 0.089 -9.000 -9.000 -999. 64. 13.4 0.0270 0.47 1.00 1.48 333.0 10.0 282.5 2.0 0
0.00 96. 1010. 3 ADJ-A1 NoSubs
19 12 29 363 23 -9.2 0.125 -9.000 -9.000 -999. 106. 19.0 0.0270 0.47 1.00 2.03 335.0 10.0 282.0 2.0 0
0.00 95. 1010. 3 ADJ-A1 NoSubs
19 12 29 363 24 -6.9 0.107 -9.000 -9.000 -999. 85. 16.2 0.0270 0.47 1.00 1.77 334.0 10.0 282.5 2.0 0
0.00 96. 1011. 10 ADJ-A1 NoSubs
19 12 30 364 1 -7.9 0.115 -9.000 -9.000 -999. 94. 17.4 0.0270 0.47 1.00 1.89 358.0 10.0 282.0 2.0 0
0.00 92. 1011. 0 ADJ-A1 NoSubs
19 12 30 364 2 -7.2 0.110 -9.000 -9.000 -999. 88. 16.6 0.0270 0.47 1.00 1.81 352.0 10.0 281.4 2.0 0
0.00 92. 1011. 7 ADJ-A1 NoSubs
19 12 30 364 3 -13.2 0.150 -9.000 -9.000 -999. 139. 24.6 0.0240 0.47 1.00 2.45 57.0 10.0 283.1 2.0 0
0.00 86. 1011. 10 ADJ-A1 NoSubs
19 12 30 364 4 -6.7 0.105 -9.000 -9.000 -999. 82. 15.7 0.0240 0.47 1.00 1.77 55.0 10.0 282.5 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 12 30 364 5 -4.1 0.081 -9.000 -9.000 -999. 56. 11.9 0.0180 0.47 1.00 1.43 275.0 10.0 282.5 2.0 0
0.00 89. 1012. 10 ADJ-A1 NoSubs
19 12 30 364 6 -5.3 0.092 -9.000 -9.000 -999. 67. 13.3 0.0170 0.47 1.00 1.65 200.0 10.0 280.4 2.0 0
0.00 92. 1013. 3 ADJ-A1 NoSubs
19 12 30 364 7 -5.1 0.091 -9.000 -9.000 -999. 66. 13.5 0.0230 0.47 1.00 1.55 25.0 10.0 280.4 2.0 0
0.00 92. 1013. 5 ADJ-A1 NoSubs
19 12 30 364 8 -6.6 0.104 -9.000 -9.000 -999. 81. 15.5 0.0230 0.47 0.71 1.77 318.0 10.0 279.9 2.0 0
0.00 95. 1014. 3 ADJ-A1 NoSubs
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3.10 Socioeconomics

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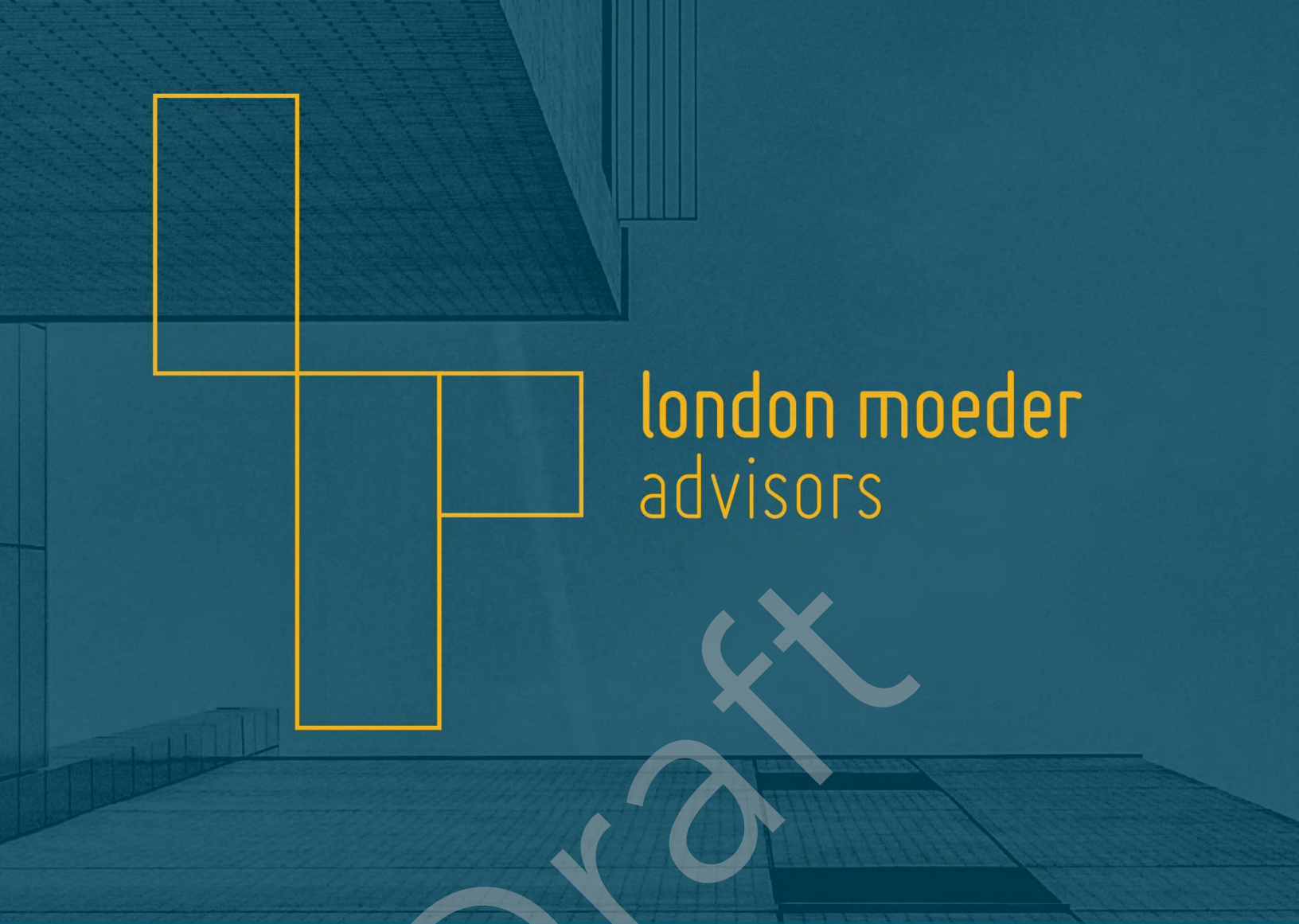

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Fiscal & Economic Impact Analysis for Proposed Battery Energy Storage System With Socioeconomic Impact Analysis

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New Leaf Energy

September 2024, April 2026

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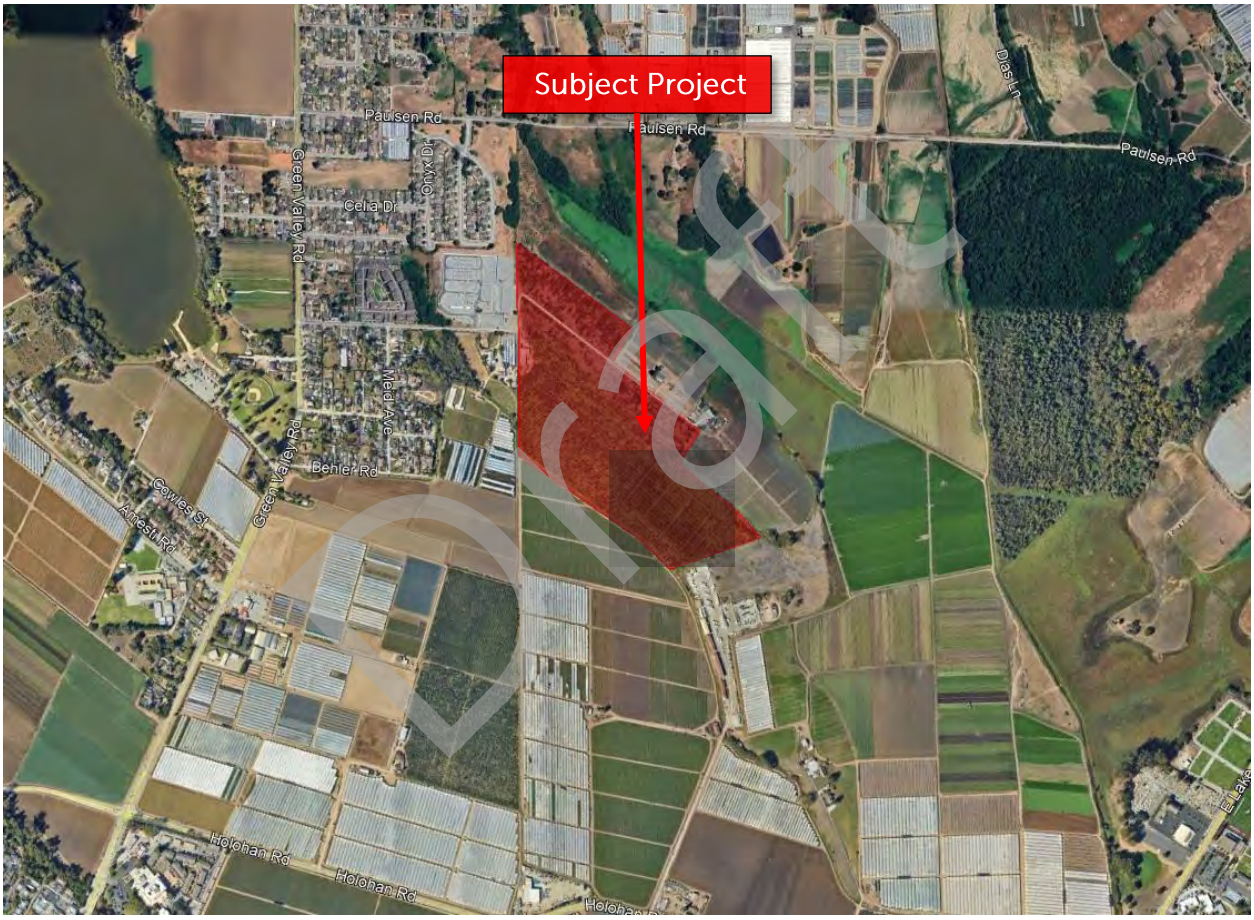
Introduction

The purpose of this report is to detail the fiscal and economic impacts of a proposed battery energy storage system ("BESS") on a 47-acre parcel in the unincorporated area in the County of Santa Cruz, CA north of the City of Watsonville. The energy facility is a standalone battery energy storage system of 200MW/800MWh and is anticipated to be online in May 2029 with a 20-year operational term. The property is currently used as agriculture for apple cultivation. The facility is located at 90 Minto Road as depicted in the following map:



The planned energy facility is anticipated to utilize approximately 10 acres of the property for the project. The remaining 37 acres will be put into a long-term conservation easement to preserve the agricultural lands. The remaining apple orchard acreage is expected to remain in production.

Research for this analysis was completed in September 2024. A supplemental section analyzing the socioeconomic impacts was added in April 2026.

Conclusions and recommendations are strictly those of London Moeder Advisors. Users of this information should recognize that the assumptions and projections contained in this report *will* vary from the actual experience in the marketplace. Therefore, London Moeder Advisors is not

responsible for the actions taken or any limitations, financial or otherwise of property owners, investors, developers, lenders, public agencies, operators or tenants.

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Executive Summary

Fiscal Impact

London Moeder Advisors has evaluated the anticipated fiscal and economic impacts of the proposed BESS development in the County of Santa Cruz. The planned energy storage facility is expected to be online in May 2029 with a 20-year operational term.

The following bullet points highlight the newly generated impacts over the 20 years of operation:

Fiscal Impact to County

- Total property tax revenue of $41,418,947
- Total sales tax revenue on materials and equipment of $8,011,434
- A total of $50,000 in project development fees
- A total of $11,000 in land sale transfer tax
- A total of $100,000 in training & equipment to local fire protection district
- Total annual net surplus for the County of approximately $49,439,301 over a 20-year period

Summary of Fiscal and Economic Impacts
Santa Cruz County - Proposed Battery Energy Storage System

Fiscal Impacts to the County	20-Year
Property Tax Revenue	$41,418,947
Sales Tax Revenue from Development	$6,550,884
Sales Tax Revenue - Year 4 Augmentation	$717,500
Sales Tax Revenue - Year 9 Augmentation	$743,050
Land Sale Transfer Tax	$11,000
Total Development Fees	$50,000
Training & Equipment to Local Fire Protection District	$100,000
Total Revenue to County	$49,591,381
Costs to County	($152,080)
Surplus	$49,439,301

The following bullet points highlight the incremental results of the analysis, which are detailed in this report:

- The project is estimated to generate $2,070,947 of new property tax revenue annually, which is captured 100% by the County.

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- Sales tax generated from the construction of the facility is estimated to be $17,780,970. The County of Santa Cruz's net share is estimated to be $6,550,884 on a one-time basis.

- Sales tax generated from the purchase of additional batteries and supplies (facility augmentation in Year 4 and Year 9) is estimated to be $3,964,350. The County of Santa Cruz's net share is estimated to be $1,460,550.

- In addition to the property tax revenue, the County of Santa Cruz will also receive an estimated $50,000 in impact fees paid from the development and an additional $11,000 of land sale transfer tax.

- The project is expected to provide $100,000 for training and equipment to the local fire protection district.

In total, the estimated revenue generated by the proposed facility is forecasted to be $49,591,381 over a 20-year period. The anticipated County expenses related to the facility over the 20-year period are estimated to be $152,080. Reconciling these revenues and costs results in a net surplus of an estimated $49,439,301 over 20 years to the County of Santa Cruz.

Economic Impacts

In addition to the direct fiscal impacts to Santa Cruz County, the project will have economic impacts to the region. The following highlights the results of the IMPLAN[1] model, which we utilized to calculate the economic impacts from BESS.

Economic Impact: Annually Recurring from Operations

- A total of 56 direct, indirect and induced jobs.
- Total direct, indirect and induced labor income of $4.7 million annually.
- Total direct, indirect and induced value added of $16.0 million annually. This category includes labor income, proprietor income, employee compensation, other property income, and taxes on production and imports.
- Total annual economic output of $48.3 million.
- Greenhouse gas emission reduction of 97% when utilizing renewable energy sources instead of fossil fuel generated electricity. (see Environmental)

Total Impact Summary (Annual Recurring)
Stabilized Operations

Impact	Employment	Labor Income	Value Added	Output
Direct Effect	5	$743,643	$8,364,685	$33,127,857
Indirect Effect	40	$3,283,167	$6,411,494	$13,154,758
Induced Effect	11	$664,975	$1,257,903	$1,996,694
Total Effect	**56**	**$4,691,785**	**$16,034,082**	**$48,279,309**

Source: London Moeder Advisors, Implan

[1] For details on the IMPLAN model and methodology, see Model Inputs section of this report.

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Economic Impact: From Construction of Facility

- 50 jobs during construction; 5 permanent jobs related to operating the facility
- A total of 776 direct, indirect and induced jobs
- Total direct, indirect and induced labor income of $59.2 million annually.
- Total direct, indirect and induced value added of $104.8 million annually. This category includes labor income, proprietor income, employee compensation, other property income, and taxes on production and imports.
- Total annual economic output of $179.0 million.

Total Impact Summary (One-Time)
Contruction

Impact	Employment	Labor Income	Value Added	Output
Direct Effect	50	$3,751,044	$5,202,620	$8,409,465
Indirect Effect	588	$46,897,451	$83,492,985	$145,092,552
Induced Effect	139	$8,503,979	$16,083,881	$25,537,409
Total Effect	**776**	**$59,152,473**	**$104,779,486**	**$179,039,426**

Source: London Moeder Advisors, Implan

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Definitions & Interpretation of Results

There are three main economic indicators, or categories, that IMPLAN utilizes to show the results of an input-output analysis. The categories are summarized as follows:

- Direct Effect – Direct effects are the set of expenditures applied to the input-output multipliers for an impact analysis. It is one or more production changes or expenditures made by producers/consumers as a result of an activity or policy. Direct effects can be positive or negative.

- Indirect Effect – Indirect effects are the business-to-business purchases in the supply chain taking place in the region that stem from the initial industry input purchases. As the industry specified spends their money in the region with their suppliers, this spending is shown through the indirect effect.

- Induced Effect – Induced effects are the values stemming from household spending of Labor Income, after removal of taxes, savings, and commuter income. The induced effects are generated by the spending of the employees within the business' supply chain.[2]

In addition to these summary impacts, there are four main economic indicators, or categories, which quantify the economic impacts of a given company in a region. The categories are summarized as follows:

[2] IMPLAN – Understanding IMPLAN: Direct, Indirect, and Induced Effects

- **Output** – Most commonly referred to as revenue, IMPLAN defines output as the total annual production value of each industry or commodity. The formula IMPLAN uses to calculate output is the sum of value added and intermediate inputs. *Value added is essentially a company's GDP. Intermediate inputs are commodities that require further processing or distribution before they are ready for sale to the final user. For example, BESS's intermediate input is the further processing and distribution of energy.*

  Top industries impacted by **output** (other than electric power generation) include Electric Power Transmission and Distribution, Other Local Government Enterprises, Employment Services, Other Real Estate and Wholesale – Petroleum and Petroleum Products. (See Output)

- **Employment** – Employment – IMPLAN follows the same definition as the Bureau of Economic Analysis Regional Economic Accounts (BEA REA) and Bureau of Labor Statistics Census of Employment and Wages (BLS CEW), which is full-time/part-time annual average. *Employment is the number of people who work at a job. IMPLAN assumes that one job lasting 12 months equals two jobs lasting six months, and similarly two jobs lasting six months is equal to three jobs lasting four months each.*

  Top industries impacted by **employment** (other than the electric power generation) include Employment Services, Scenic and Sightseeing Transportation and Support Activities for Transportation, Electric Power Transmission and Distribution, Full-Service Restaurants, Other Real Estate. (See Employment)

- **Value Added** – IMPLAN defines value added as the difference between Output and the cost of intermediate inputs. This data point is a large portion of Output as it encompasses labor income, proprietor income, employee compensation, other property income, and taxes on production and imports. *Value added is equivalent to the industry's contribution to a region's gross domestic product (GDP). This value can be negative when costs outpace revenues.*

  Top industries impacted by **value added** (other than the electric power generation) include Electric Power Transmission and Distribution, Other Local Government Enterprises, Employment Services, Scenic and Sightseeing Transportation and Support Activities for Transportation and Scientific Research and Development Services. (See Value Added)

- **Tax Impact** – Tax Impact – IMPLAN includes sales and excise taxes, customs duties, property taxes, motor vehicle licenses, severance taxes, other taxes, and special assessments.[3] *The tax revenue estimated by the IMPLAN model is the best available estimation of taxes generated. It is based on general economic multipliers for various cost and revenue categories by a specific company. It is not intended to be an exact calculation of taxes, but an order-of-magnitude estimate.*

  BESS's business activities will generate a **tax impact** estimated at $1.5 million for Federal tax. It also generated $4.4 million in taxes for State and Local use in the region, $1.6 million for

[3] IMPLAN – Employment Data Details

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County taxes, $2.6 million for special districts such as fire and public schools and $1.1 million for Sub County General taxes. (See Tax Impact)

LMA's analysis does not include contributions made by BESS or its employees to the social, charitable, or civic fabric of the community. While significant, these contributions are difficult to quantify.

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Fiscal Impacts

This section details the fiscal impacts generated by taxes and fees associated with the project and is divided into the following four subsections:

- Revenues to the County of Santa Cruz
- Costs to the County of Santa Cruz
- Reconciliation of revenues and costs
- Project development fees

Revenues to the County of Santa Cruz

This section summarizes the various sources of revenue to the County of Santa Cruz generated by the battery storage facility.

Property Tax

The development of the project will increase the property tax revenue collected by the County of Santa Cruz. The estimated development costs of the project are $191 million plus the estimated land value of $10 million.

Based on the estimated construction costs of $191 million and the land value of $10 million and utilizing the property tax rate of 1.08226%, the annual property tax payment is estimated to be $2.07 million. This translates to $41,418,947 over 20 years. The County retains 100% of the property tax revenue and allocates it among local schools, public safety, redevelopment, incorporated cities and county services. This results in an estimated $2.07 million of new property tax revenue that will be generated by the project annually, resulting in a 997% increase when compared to existing property taxes currently generated by the approximately 10-acre site ($903,409).[4]

Sales Tax

To calculate sales tax revenue, we utilized the estimated construction costs of materials and applied the sales tax rate in the unincorporated county of 9.5%. The estimated cost of construction materials purchased in Santa Cruz County is $187,168,103 which generates sales tax revenue estimated to be $17,780,970. The County's portion of the tax rate represents 3.5%, or $6,550,884.

There are two additional facility augmentation events that are anticipated to occur in Year 4 and Year 9. In these years the facility is expected to replace equipment at a combined total cost of $41,730,000. The augmentations are anticipated to generate additional sales tax revenue of $3,964,350, of which the County's share is estimated to be $1,460,550.

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[4] The battery storage facility represents approximately 10 acres, or 21.3%, of the 47-acre property.

Other Revenue

In addition to taxes, the County of Santa Cruz will receive revenue from development fees and the transfer tax resulting from the sale of the land. Additionally, the local fire protection district will receive revenue for training and equipment. Combined, these additional sources of revenue total $161,000.

Total County Revenues

In total, we estimate that the development of the project will generate an estimated $69,441,381 in direct revenue to the County of Santa Cruz during the first 20 years of operation. Of this total, only the property tax will recur annually. The following table summarizes the various revenues to the County over the 20-year period.[5]

Estimate of Revenues
Santa Cruz County - Proposed Battery Energy Storage System

I. Property Tax		
Estimated Construction Cost[1]		$191,353,253
Estimated Land Value[2]		$10,000,000
Subtotal Estimated Value		$201,353,253
Annual Property Tax Rate	1.08226%	$2,070,947
Total Property Tax to County	**100%**	**$2,070,947**
Property Tax Generated to County (20 years)		**$41,418,947**
II. Sales Tax - Equipment[1]		
Construction Purchased in County		$187,168,103
Sales Tax	9.5%	$17,780,970
To County	3.5%	$6,550,884
Year 4 Augmentation		$20,500,000
Tax Rate	9.5%	$1,947,500
To County	3.5%	$717,500
Year 9 Augmentation		$21,230,000
Tax Rate	9.5%	$2,016,850
To County	3.5%	$743,050
Total Sales Tax Equipment to County		**$8,011,434**
III. Other Revenue		
Development Fees[1]		$50,000
Land Transfer Tax		$11,000
Training & Equipment to Local Fire Protection District		$100,000
Total Other Revenue to County		**$161,000**
Total Revenues		**$49,591,381**

[1]Based on New Leaf Energy Assumption

[2]Based on Prospective Change of Use

[5] All values are in current dollars ($2024).

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Costs to the County of Santa Cruz

This section summarizes the various costs to the County of Santa Cruz which are likely to result from the development of the project, including but not limited to public safety and infrastructure.

To determine the costs to the County, we analyzed the County of Santa Cruz Adopted Budget (2023-2024). We examined each expense category and determined if it applied to the resident population or the effective population and calculated the amount accordingly. The following table summarizes our analysis of County-wide costs.

Summary of Santa Cruz County
Santa Cruz County - Proposed Battery Energy Storage System

Demographic Profile	Total Population[1]	Total Employment[2]	Effective Pop Pop & Jobs		
Santa Cruz County	262,051	127,400			
Jobs Per Population		0.49			
Santa Cruz County Resident Equivalent	262,051	61,937	323,988		
General Fund Category	**Budgeted Cost**				
General Government	**$161,814,695**	18.5% of Core City Services Expenditures			
		Service Population	*Population Type*	*Amount Per Resident or R.E.*	
Core County Services[3]					
Public Protection	$223,790,975	Effective Population	323,988	$690.74	
Public Ways and Facilities	$141,360,129	Effective Population	323,988	$436.31	
Heath & Sanitation	$256,476,955	Effective Population	323,988	$791.62	
Public Assistance	$217,124,311	Effective Population	323,988	$670.16	
Education	$7,551,941	Resident Population	262,051	$28.82	
Recreation & Cultural	$13,539,319	Resident Population	262,051	$51.67	
Debt Service	$9,238,293	Effective Population	323,988	$28.51	
Contingencies	$7,571,385	Effective Population	323,988	$23.37	
Subtotal Core City Services	**$876,653,308**				
Total	$1,038,468,003				

[1]Santa Cruz County Annual Comprehensive Financial Report FY 2023, p. 12

[2]State of California EDD

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Allocating costs to cities and counties is calculated by weighing the costs on a per-capita basis. The total population represents the resident population that lives within the County. The effective population combines residents with the employment population that works within the County. The impact of employment is not as significant to a jurisdiction because: 1) some people already live and work in the same city/county, which would double count the cost to the city/county, and 2) some employees live outside the city/county and leave the area after the workday. Therefore, the total employment of a proposed project is adjusted by applying the jobs-per-population ratio of the given city or county.

Based on the County of Santa Cruz's jobs-per-population ratio of 0.49, the total effective population of the battery storage facility is estimated to be 2.4 persons.

With the County expenses estimated on a per-resident or per-effective-population basis, we can apply these expenses to the estimated permanent jobs generated by the project. The following table details the estimated annual recurring costs to the County of Santa Cruz from the development of the project. The County costs are estimated to be $7,604 annually, or $152,080 over 20 years.

Estimate of Costs
Santa Cruz County - Proposed Battery Energy Storage System

Demographic Profile	Total Population	Total Employment	Effective Pop Pop & Jobs
Proposed Project	0	5	
Jobs Per Population		0.49	
Proposed Project R.E.	0	2.4	2.4

Worker Impact Population		2.4
Less: Reduction for Job Transfer	0%	0.0
Total New Jobs Onsite		2.4

	Service Population	Population Type	Amount Per Resident or R.E.	Cost of Service
Core City Services				
Public Protection	Effective Population	2.4	$690.74	$1,679
Public Ways and Facilities	Effective Population	2.4	$436.31	$1,061
Heath & Sanitation	Effective Population	2.4	$791.62	$1,924
Public Assistance	Effective Population	2.4	$670.16	$1,629
Education	Resident Population	0.0	$28.82	$0
Recreation & Cultural	Resident Population	0.0	$51.67	$0
Debt Service	Effective Population	2.4	$28.51	$69
Contingencies	Effective Population	2.4	$23.37	$57
General Government	18.5% of Core City Services Expenditures			$1,185
Total				$7,604
20-Year Cost				$152,080

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Reconciliation of County Revenues and Costs

The following section reconciles the revenues and costs to the County of Santa Cruz associated with the development of the project.

We have determined that the 20-year revenues from development of the project are estimated to be $49,591,381. The 20-year expenses are estimated at $152,080. Therefore, this project is anticipated to generate a 20-year surplus of $49,439,301 to the County of Santa Cruz, as detailed in the following table:

Estimate of Stabilized Fiscal Impact
Santa Cruz County - Proposed Battery Energy Storage System

20-Year Revenue Sources	Totals	%
Property Tax to County (20 years)	$41,418,947	83.52%
Sales Tax to County - Construction	$6,550,884	13.21%
Development Fees	$50,000	0.10%
Sales Tax to County - Year 4 Augmentation	$717,500	1.45%
Sales Tax to County - Year 9 Augmentation	$743,050	1.50%
Land Sale Transfer Tax	$11,000	0.02%
Training & Equipment to Local Fire Protection District	$100,000	0.20%
Total 20-Year Revenues	**$49,591,381**	**100.00%**

20-Year Expenses	Totals	%
Public Protection	$33,581	22.08%
Public Ways and Facilities	$21,212	13.95%
Heath & Sanitation	$38,486	25.31%
Public Assistance	$32,581	21.42%
Education	$0	0.00%
Recreation & Cultural	$0	0.00%
Debt Service	$1,386	0.91%
Contingencies	$1,136	0.75%
General Government	$23,697	15.58%
Total 20-Year Expenses	**$152,080**	**100.00%**

20-Year Surplus/(Deficit)	**$49,439,301**

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Economic Impacts

The purpose of this section is to analyze the economic and fiscal impacts generated by BESS's expenditures and business activities. Economic impact modeling is a standard tool used to quantify the economic contribution of an investment or company. Such modeling uses an "input-output" economic model to estimate the number of times each dollar of "input," or direct spending, cycles through the economy in terms of "indirect and induced output," or additional spending, personal wages and employment.[6]

There are several input-output models used by economists to estimate multiplier effects. Supplier.io, a data consultancy firm, employed the IMPLAN input-output model in developing estimates of spending, wages and employment impacts. This model, initially developed by the U.S. Department of Agriculture, examines interindustry relationships in local, regional and national economies.

An input-output model uses a matrix representation of a nation's interconnected economy to calculate the effect of changes in spending by consumers, across industries and the entire economy. This matrix representation and the related input-output tables ultimately measure "multiplier effects" of an industry by tracing the effects of its interindustry transactions, which include the number value of goods and services that are needed (inputs) to produce each dollar of output for the individual sector analyzed.

In essence, an input-output model is a table that shows who buys what and from whom in the economy.[7]

Our analysis is based on input data provided by New Leaf Energy using IMPLAN's input-output multipliers and the supplier diversity information in supplier.io's database.

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Model Inputs

This section summarizes the data inputs provided by BESS utilized in the IMPLAN model that analyzes the economic impacts.

Employment, Annual Revenue & Operating Expenses

IMPLAN has no identifiable classification for the BESS facility, thus we allocated the revenue and operating expenses utilizing a pro rata share of the total output and expenditures. These pro rata shares were allocated between the electric generation source categories of solar, wind and hydroelectric. The following table details the expected generation source allocation of electricity that will be stored at the BESS facility.

[6] US Government Revenues: www.usgovernmentrevenue.com/total 2014USrt 17rs1n
[7] US GDP: www.tradingeconomics.com/united-states/gdp

Expected Source Generation of Power Stored at the Proposed BESS Revenue & OpEx Allocation (Annual Recurring)

Industry	Source %	Revenue	OpEx
42 - Electric power generation - Solar	70%	$22,915,200	$3,012,910
39 - Electric power generation - Hydroelectric	15%	$4,910,400	$645,624
43 - Electric power generation - Wind	15%	$4,910,400	$645,624
Total	100%	$32,736,000	$4,304,157

Source: New Leaf Energy

We utilized the expected source allocation to calculate the pro rata share of revenue and expenses. Total annual revenue is anticipated to be $32.7 million with annual expenses anticipated to total $4.3 million.

There is currently no output value associated with hydroelectric and wind power generation in Santa Cruz County. Therefore, we applied the Unites States average output per worker to both the hydroelectric and wind power generation industries in Santa Cruz County.

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Results

Total Impact Summary

The following tables summaries the total impact on Employment, Labor Income, Value Added and Output based on New Leaf Energy's current budget for the development and operation of the BESS facility. These are summarized by the total impact of from operations (annually recurring) and the construction of the facility (one-time impacts).

Total Impact Summary
Stabilized Operations

Impact	Employment	Labor Income	Value Added	Output
Direct Effect	55	$4,494,687	$13,567,305	$41,537,321
Indirect Effect	628	$50,180,618	$89,904,480	$158,247,310
Induced Effect	149	$9,168,954	$17,341,784	$27,534,103
Total Effect	**832**	**$63,844,258**	**$120,813,568**	**$227,318,735**

Source: London Moeder Advisors, Implan

Total Impact Summary (One Time)
Contruction

Impact	Employment	Labor Income	Value Added	Output
Direct Effect	50	$3,751,044	$5,202,620	$8,409,465
Indirect Effect	588	$46,897,451	$83,492,985	$145,092,552
Induced Effect	139	$8,503,979	$16,083,881	$25,537,409
Total Effect	**776**	**$59,152,473**	**$104,779,486**	**$179,039,426**

Source: London Moeder Advisors, Implan

Total Impact Summary (Annual Recurring)
Stabilized Operations

Impact	Employment	Labor Income	Value Added	Output
Direct Effect	5	$743,643	$8,364,685	$33,127,857
Indirect Effect	40	$3,283,167	$6,411,494	$13,154,758
Induced Effect	11	$664,975	$1,257,903	$1,996,694
Total Effect	**56**	**$4,691,785**	**$16,034,082**	**$48,279,309**

Source: London Moeder Advisors, Implan

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Economic Indicators by Impact

There are four main economic indicators, or categories, that IMPLAN utilizes to quantify and detail the economic impacts of a given company in a region. The categories are summarized as follows:

- Output – Most commonly referred to as revenue, IMPLAN defines output as the total annual production value of each industry or commodity. The formula IMPLAN uses to calculate output is the sum of value added and intermediate inputs. *Value added is essentially a company's GDP. Intermediate inputs are commodities that require further processing or distribution before they are ready for sale to the final user. For example, BESS's intermediate input is the further processing and distribution of energy.*

- Employment – IMPLAN follows the same definition as the Bureau of Economic Analysis Regional Economic Accounts (BEA REA) and Bureau of Labor Statistics Census of Employment and Wages (BLS CEW), which is full-time/part-time annual average. *Employment is the number of people who work at a job. IMPLAN assumes that one job lasting 12 months equals two jobs lasting six months, and similarly two jobs lasting six months is equal to three jobs lasting four months each.*

- Value Added – IMPLAN defines value added as the difference between Output and the cost of intermediate inputs. This data point is a large portion of Output as it encompasses labor income, proprietor income, employee compensation, other property income, and taxes on production and imports. *Value added is equivalent to the industry's contribution to a region's gross domestic product (GDP).*

- Tax Impact – IMPLAN includes sales and excise taxes, customs duties, property taxes, motor vehicle licenses, severance taxes, other taxes, and special assessments.[8] *The tax revenue estimated by the IMPLAN model is the best available estimation of taxes generated. It is based on general economic multipliers for various cost and revenue categories by a specific company. It is not intended to be an exact calculation of taxes, but an order-of-magnitude estimate.*

The following tables and charts further detail these four main categories of BESS's economic impact within Santa Cruz County.

Output

The tables and charts in this section detail BESS's impact on economic or business output (e.g., GDP) in Santa Cruz County. Included are the impacts to Output for the top 15 industries impacted by BESS's economic activities. *Intermediate inputs are commodities that require further processing or distribution before they are ready for sale to the final user. For example, BESS's intermediate input is the further processing and distribution of energy.*

See the Appendix for definitions of the top 15 impact industry displays.

[8] IMPLAN – Employment Data Details

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The following table and chart depict the top 15 industries affected by output showing the total output results by industry.

Industries by Impact

Proposed Battery Energy Storage System - IMPLAN Analysis

	Impact Industry Display	1 - Direct Output	2 - Indirect Output	3 - Induced Output	Total Output
1	42 - Electric power generation - Solar	$22,915,200	$38,591	$73	$22,953,864
2	43 - Electric power generation - Wind	$4,910,400	$70,400	$132	$4,980,932
3	39 - Electric power generation - Hydroelectric	$4,910,400	$21,425	$40	$4,931,865
4	47 - Electric power transmission and distribution	$0	$4,585,025	$8,617	$4,593,642
5	534 - Other local government enterprises	$0	$1,019,536	$23,295	$1,042,831
6	472 - Employment services	$0	$846,265	$12,244	$858,509
7	447 - Other real estate	$0	$593,697	$79,664	$673,360
8	399 - Wholesale - Petroleum and petroleum products	$0	$475,525	$14,076	$489,600
9	154 - Petroleum refineries	$0	$448,851	$7,112	$455,963
10	464 - Scientific research and development services	$0	$442,106	$13,746	$455,852
11	441 - Monetary authorities and depository credit intermediation	$0	$381,334	$44,986	$426,319
12	46 - Electric power generation - All other	$391,857	$3,767	$7	$395,631
13	468 - Marketing research and all other miscellaneous professional, scientific, and technic	$0	$346,286	$2,582	$348,869
14	420 - Scenic and sightseeing transportation and support activities for transportation	$0	$330,234	$3,644	$333,877
15	449 - Owner-occupied dwellings	$0	$0	$320,157	$320,157
	Totals	$33,127,857	$9,603,042	$530,373	$43,261,272

Source: London Moeder Advisors, IMPLAN

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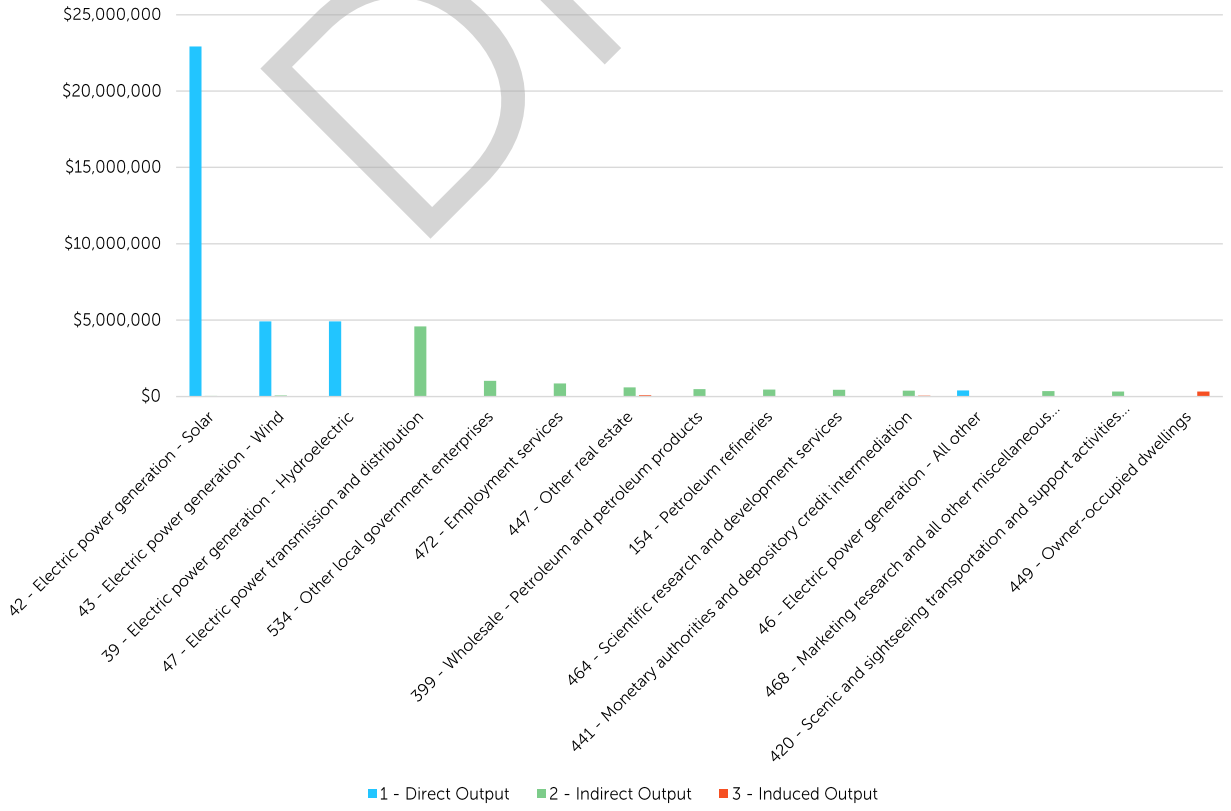
Top 15 Output Industries

IMPLAN - Proposed Battery Energy Storage System Economic Impact Analysis



The following table and chart depcit the top 15 industries by growth percentage which displays the industries that grew by the largest dollar value of output relative to the industry total in the region. This represents the growth rates of industries based on the values that were entered into the model.

Estimated Growth Percentage
Proposed Battery Energy Storage System - IMPLAN Analysis

	Display Description	Industry Total Output	Impact Output	Estimated Growth %
1	42 - Electric power generation - Solar	$1,602,246	$22,953,864	1432.6%
2	39 - Electric power generation - Hydroelectric	$889,526	$4,931,865	554.4%
3	46 - Electric power generation - All other	$156,412	$395,631	252.9%
4	43 - Electric power generation - Wind	$2,922,873	$4,980,932	170.4%
5	47 - Electric power transmission and distribution	$93,142,275	$4,593,642	4.9%
6	419 - Pipeline transportation	$2,225,578	$80,371	3.6%
7	45 - Electric power generation - Biomass	$1,950,029	$47,056	2.4%
8	49 - Water, sewage and other systems	$10,096,678	$154,495	1.5%
9	420 - Scenic and sightseeing transportation and support activities for transportation	$41,704,661	$333,877	0.8%
10	468 - Marketing research and all other miscellaneous professional, scientific, and technical services	$46,995,891	$348,869	0.7%
11	534 - Other local government enterprises	$214,462,476	$1,042,831	0.5%
12	472 - Employment services	$190,405,054	$858,509	0.5%
13	154 - Petroleum refineries	$113,376,220	$455,963	0.4%
14	399 - Wholesale - Petroleum and petroleum products	$160,460,837	$489,600	0.3%
15	20 - Oil and gas extraction	$45,082,916	$105,613	0.2%

Source: London Moeder Advisors, IMPLAN

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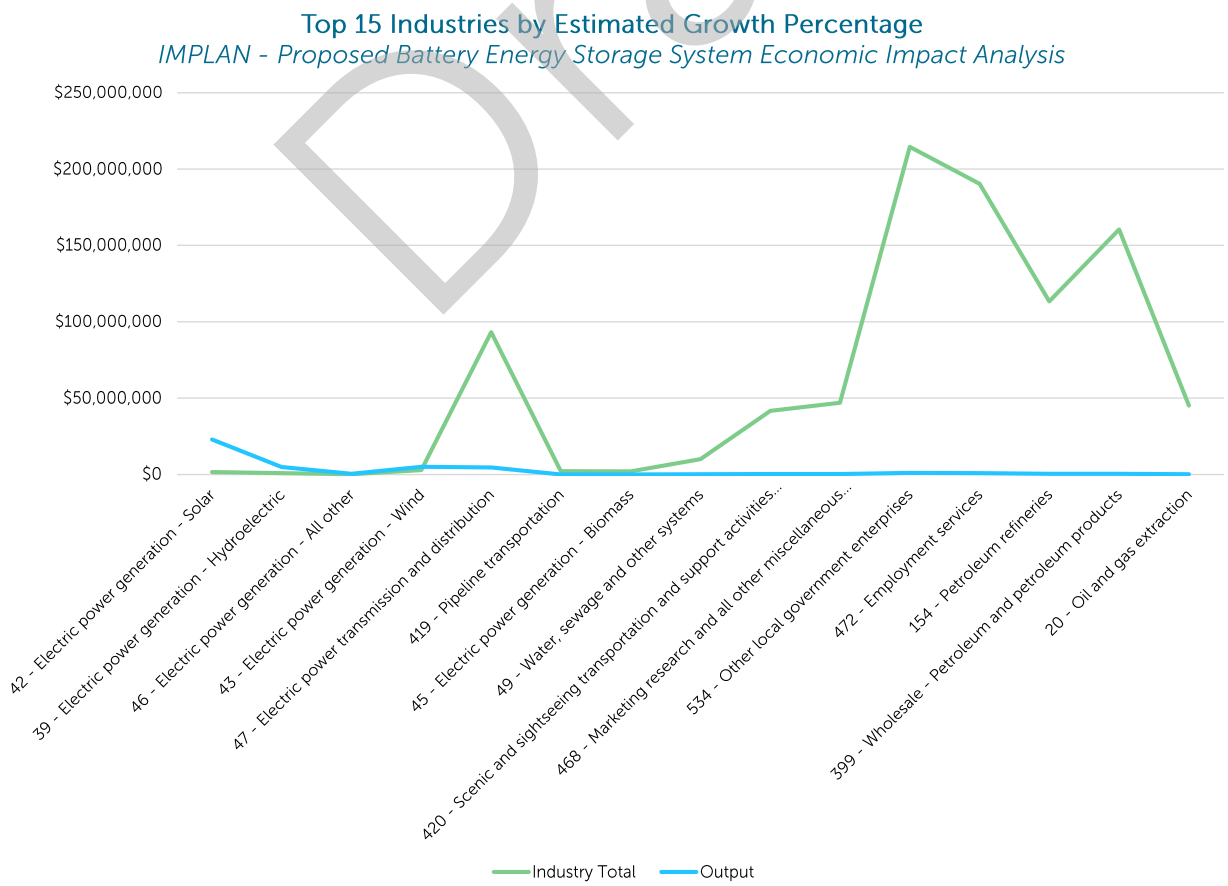

Employment

The tables and charts in this section detail BESS's impact on employment in Santa Cruz County. Included are the employment impacts for the top 15 industries impacted by BESS's economic activities. *IMPLAN assumes that one job lasting 12 months equals two jobs lasting six months, and similarly two jobs lasting six months is equal to three jobs lasting four months each.*

See the Appendix for definitions of the top 15 impact industry displays.

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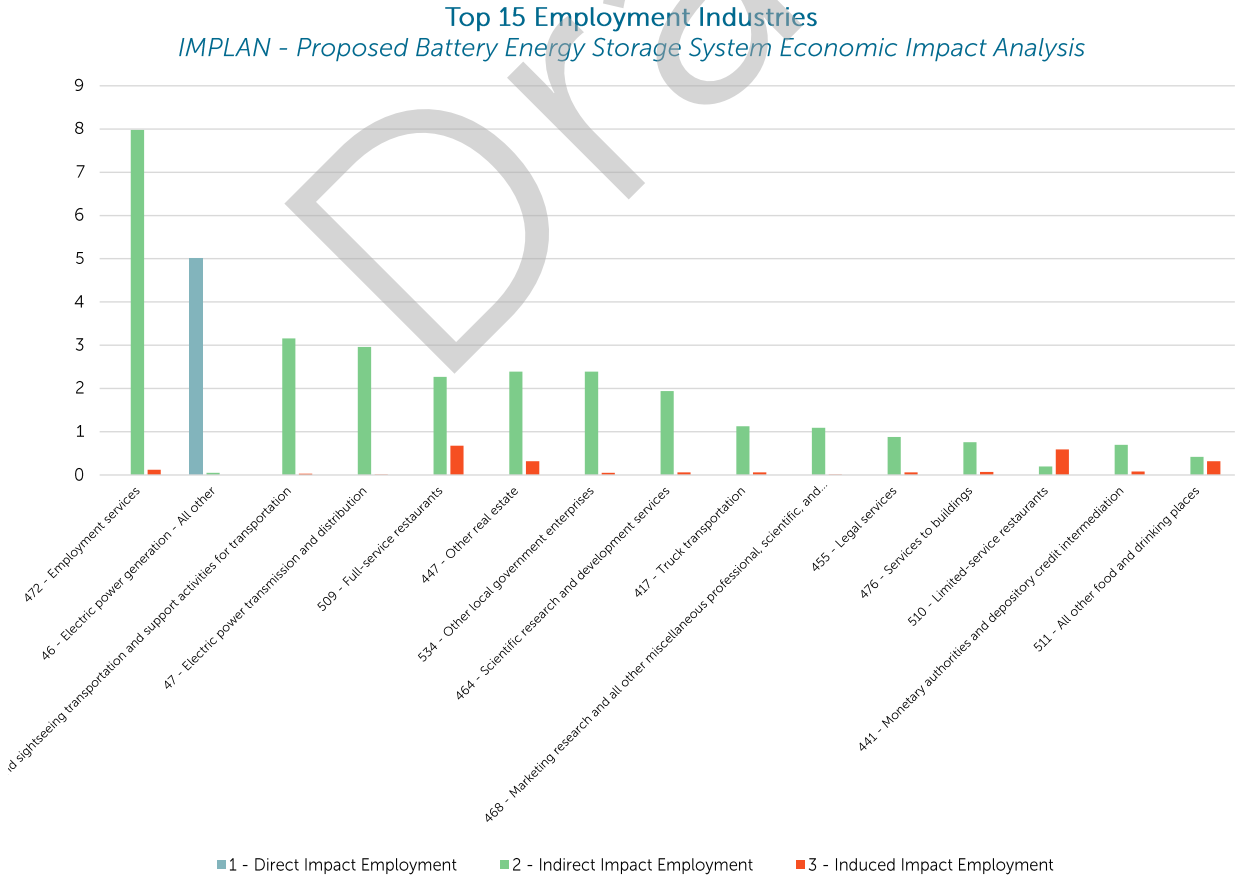
The following table and chart depcit the top 15 industries affected by employment showing the total employment results by industry. Employment is the number of people who work at a job. IMPLAN assumes that one job lasting 12 months equals two jobs lasting six months, and similarly two jobs lasting six months is equal to three jobs lasting four months each.

Employment
Proposed Battery Energy Storage System - IMPLAN Analysis

	Impact Industry Display	1 - Direct Impact Employment	2 - Indirect Impact Employment	3 - Induced Impact Employment	Employment Impact
1	472 - Employment services	0	8	0	8
2	46 - Electric power generation - All other	5	0	0	5
3	420 - Scenic and sightseeing transportation and support activities for transportation	0	3	0	3
4	47 - Electric power transmission and distribution	0	3	0	3
5	509 - Full-service restaurants	0	2	1	3
6	447 - Other real estate	0	2	0	3
7	534 - Other local government enterprises	0	2	0	2
8	464 - Scientific research and development services	0	2	0	2
9	417 - Truck transportation	0	1	0	1
10	468 - Marketing research and all other miscellaneous professional, scientific, and technical services	0	1	0	1
11	455 - Legal services	0	1	0	1
12	476 - Services to buildings	0	1	0	1
13	510 - Limited-service restaurants	0	0	1	1
14	441 - Monetary authorities and depository credit intermediation	0	1	0	1
15	511 - All other food and drinking places	0	0	0	1

Source: London Moeder Advisors, IMPLAN



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Value Added

The tables and charts in this section detail BESS's impact on Value Added in Santa Cruz County.

Included are the top 15 industries impacted by BESS's economic activities on employment compensation, proprietor income, taxes on production and imports net of subsidies, and other property income. *Value added is equivalent to the industry's contribution to a region's gross domestic product (GDP).*

See the Appendix for definitions of the top 15 impact industry displays.

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The following table and chart depict the top 15 industries by compensation which displays the anticipated growth of the industries by the largest dollar value of employment relative to the industry total in the region.

Employee Compensation
Proposed Battery Energy Storage System - IMPLAN Analysis

	Impact Industry Display	1 - Direct Employee Comp.	2 - Indirect Employee Comp.	3 - Induced Employee Comp.	Employee Employee Comp.
1	46 - Electric power generation - All other	$743,643	$7,149	$13	$750,805
2	47 - Electric power transmission and distribution	$0	$578,866	$1,088	$579,954
3	534 - Other local government enterprises	$0	$354,939	$8,110	$363,048
4	472 - Employment services	$0	$279,261	$4,041	$283,302
5	420 - Scenic and sightseeing transportation and support activities for transportation	$0	$181,009	$1,997	$183,006
6	464 - Scientific research and development services	$0	$122,446	$3,807	$126,253
7	469 - Management of companies and enterprises	$0	$101,351	$17,909	$119,260
8	509 - Full-service restaurants	$0	$73,663	$22,106	$95,769
9	441 - Monetary authorities and depository credit intermediation	$0	$75,937	$8,958	$84,896
10	417 - Truck transportation	$0	$57,154	$2,975	$60,129
11	483 - Offices of physicians	$0	$0	$53,681	$53,681
12	468 - Marketing research and all other miscellaneous professional, scientific, and technical services	$0	$52,203	$389	$52,592
13	395 - Wholesale - Machinery, equipment, and supplies	$0	$47,191	$897	$48,088
14	490 - Hospitals	$0	$0	$46,563	$46,563
15	455 - Legal services	$0	$43,708	$2,816	$46,523

Source: London Moeder Advisors, IMPLAN

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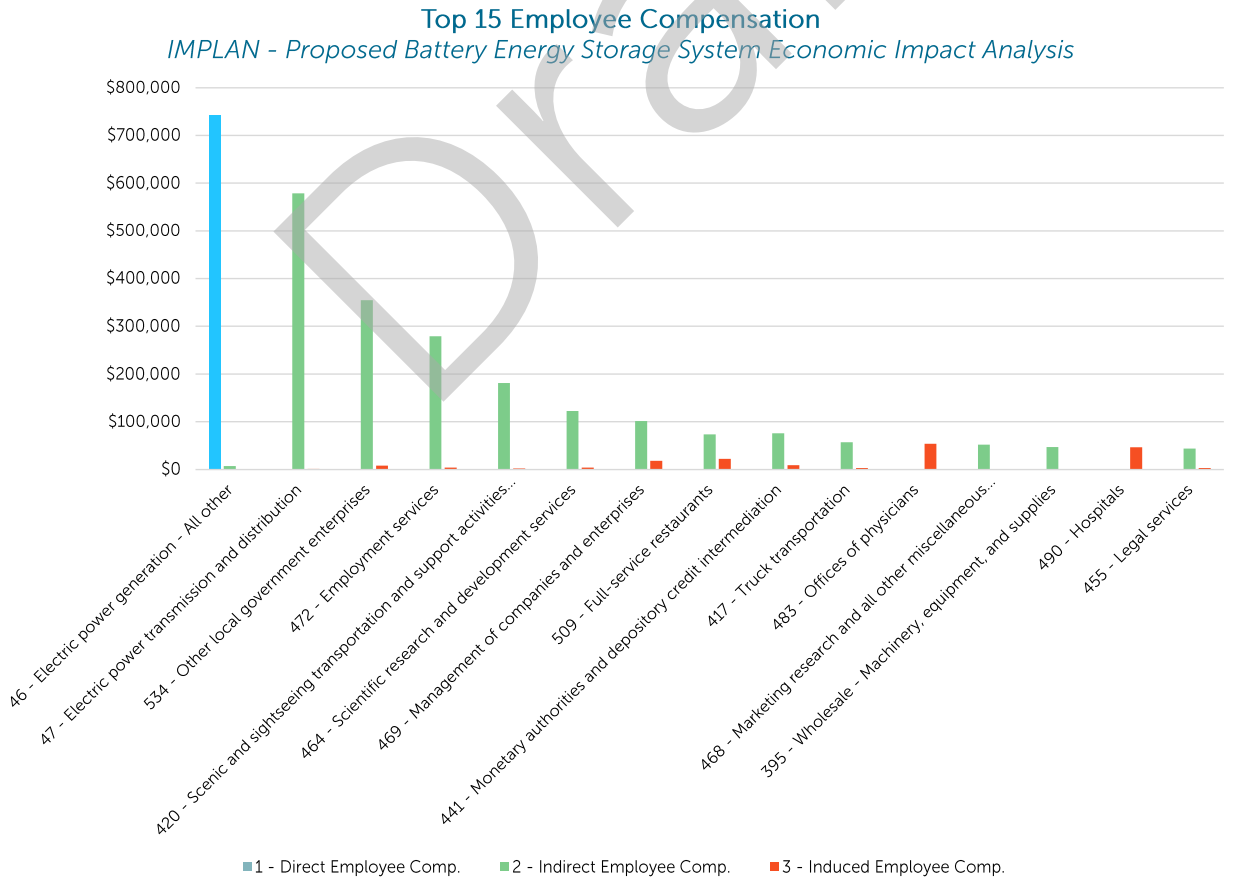

The following table and chart depict the top 15 industries by proprietor income which displays the anticipated growth of the industries by the largest dollar value of employment relative to the industry total in the region. *Proprietor income consists of payments received by self-employed individuals and unincorporated business owners. This is represented by the various companies and subcontractors that do business with BESS.*

Proprietor Income
Proposed Battery Energy Storage System - IMPLAN Analysis

	Impact Industry Display	1 - Direct Proprietor Income	2 - Indirect Proprietor Income	3 - Induced Proprietor Income	Proprietor Income
1	447 - Other real estate	$0	$174,741	$23,447	$198,188
2	472 - Employment services	$0	$76,257	$1,103	$77,361
3	420 - Scenic and sightseeing transportation and support activities for transportation	$0	$57,358	$633	$57,991
4	408 - Retail - Gasoline stores	$0	$40,616	$4,838	$45,454
5	464 - Scientific research and development services	$0	$34,744	$1,080	$35,824
6	468 - Marketing research and all other miscellaneous professional, scientific, and technical services	$0	$25,065	$187	$25,252
7	417 - Truck transportation	$0	$23,296	$1,212	$24,509
8	60 - Maintenance and repair construction of nonresidential structures	$0	$20,677	$960	$21,637
9	455 - Legal services	$0	$18,905	$1,218	$20,123
10	509 - Full-service restaurants	$0	$14,782	$4,436	$19,218
11	462 - Management consulting services	$0	$12,986	$1,771	$14,757
12	448 - Tenant-occupied housing	$0	$0	$14,573	$14,573
13	457 - Architectural, engineering, and related services	$0	$13,931	$449	$14,380
14	512 - Automotive repair and maintenance, except car washes	$0	$6,599	$7,734	$14,333
15	459 - Custom computer programming services	$0	$13,294	$643	$13,937

Source: London Moeder Advisors, IMPLAN

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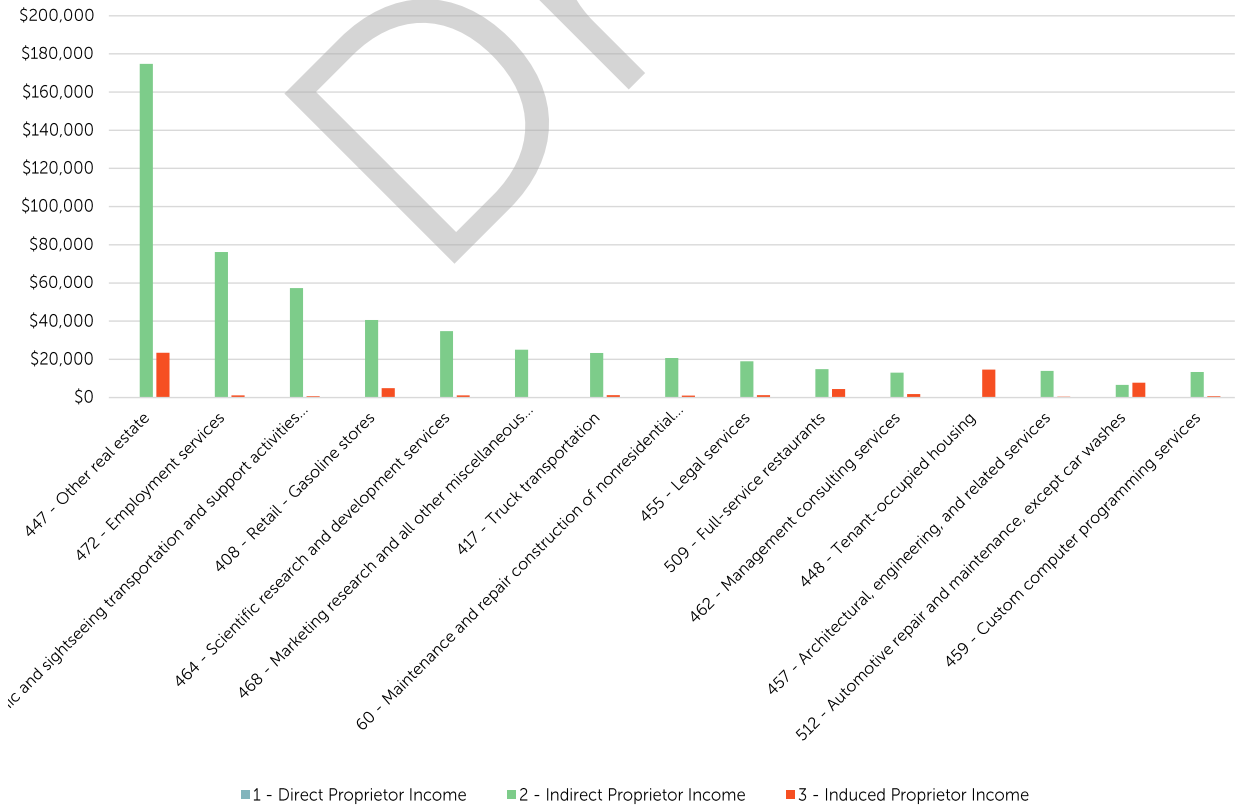
Top 15 Proprietor Income
IMPLAN - Proposed Battery Energy Storage System Economic Impact Analysis



The following table and chart depict the top 15 industries by taxes on production and imports net of subsidies which displays the anticipated growth of the industries by the largest dollar value of employment relative to the industry total in the region.

Taxes on Production & Imports Net of Subsidies
Proposed Battery Energy Storage System - IMPLAN Analysis

	Impact Industry Display	1 - Direct Taxes	2 - Indirect Taxes	3 - Induced Taxes	Taxes on Production & Imports Net of Subsidies
1	42 - Electric power generation - Solar	$6,245,986	$6,862	$13	$6,252,861
2	39 - Electric power generation - Hydroelectric	$1,165,243	$2,747	$5	$1,167,995
3	43 - Electric power generation - Wind	$1,105,678	$9,026	$17	$1,114,721
4	399 - Wholesale - Petroleum and petroleum products	$0	$408,500	$12,092	$420,591
5	47 - Electric power transmission and distribution	$0	$390,773	$734	$391,507
6	46 - Electric power generation - All other	$94,988	$913	$2	$95,903
7	449 - Owner-occupied dwellings	$0	$0	$35,447	$35,447
8	509 - Full-service restaurants	$0	$16,524	$4,959	$21,483
9	408 - Retail - Gasoline stores	$0	$18,779	$2,237	$21,016
10	400 - Wholesale - Other nondurable goods merchant wholesalers	$0	$13,307	$7,705	$21,012
11	49 - Water, sewage and other systems	$0	$18,573	$130	$18,703
12	395 - Wholesale - Machinery, equipment, and supplies	$0	$18,069	$343	$18,412
13	419 - Pipeline transportation	$0	$15,236	$31	$15,267
14	447 - Other real estate	$0	$13,003	$1,745	$14,747
15	448 - Tenant-occupied housing	$0	$0	$12,653	$12,653

Source: London Moeder Advisors, IMPLAN

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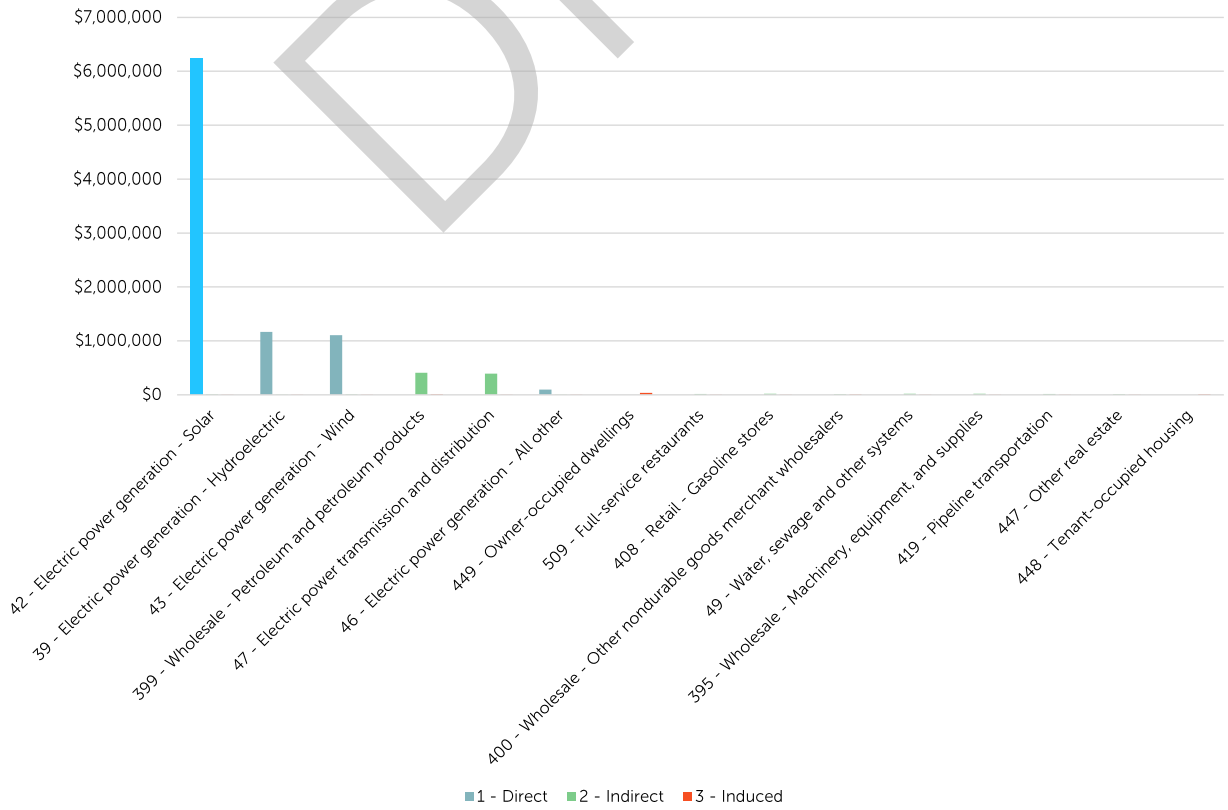
Top 15 Taxes on Production & Imports Net of Subsidies
IMPLAN - Proposed Battery Energy Storage System Economic Impact Analysis



The following table and chart depict the top 15 industries by property income which displays anticipated growth of the industries by the largest dollar value of employment relative to the industry total in the region. *Property income includes consumption of fixed capital (CFC), corporate profits, and net of business current transfer payments. It includes income derived from dividends, royalties, corporate profits, and interest income.*

Other Property Income
Proposed Battery Energy Storage System - IMPLAN Analysis

	Impact Industry Display	1 - Direct Other Property Income	2 - Indirect Other Property Income	3 - Induced Other Property Income	Other Property Income
1	47 - Electric power transmission and distribution	$0	$1,080,981	$2,032	$1,083,012
2	449 - Owner-occupied dwellings	$0	$0	$229,840	$229,840
3	534 - Other local government enterprises	$0	$194,620	$4,447	$199,067
4	441 - Monetary authorities and depository credit intermediation	$0	$163,907	$19,336	$183,243
5	472 - Employment services	$0	$102,380	$1,481	$103,861
6	447 - Other real estate	$0	$78,900	$10,587	$89,487
7	468 - Marketing research and all other miscellaneous professional, sc	$0	$85,735	$639	$86,375
8	154 - Petroleum refineries	$0	$51,171	$811	$51,982
9	448 - Tenant-occupied housing	$0	$0	$51,171	$51,171
10	464 - Scientific research and development services	$0	$44,041	$1,369	$45,410
11	413 - Retail - Nonstore retailers	$0	$17,935	$23,563	$41,498
12	417 - Truck transportation	$0	$37,966	$1,976	$39,942
13	509 - Full-service restaurants	$0	$27,637	$8,294	$35,931
14	455 - Legal services	$0	$33,402	$2,152	$35,554
15	395 - Wholesale - Machinery, equipment, and supplies	$0	$31,726	$603	$32,330

Source: London Moeder Advisors, IMPLAN

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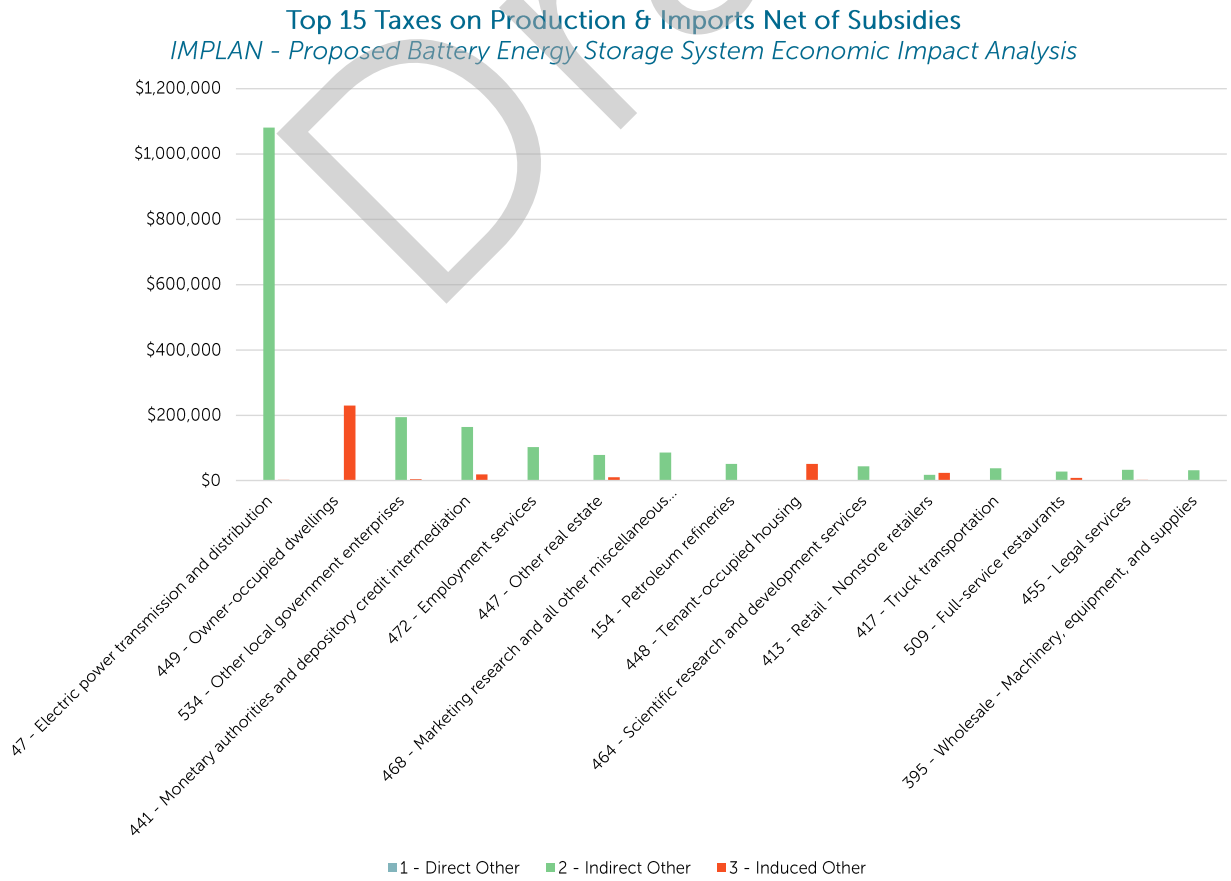

Tax Impact

The tables and charts in this section detail BESS's impact on federal tax, state tax, county tax, sub county (special districts) tax, and sub county (General) tax. In general, these tax impacts capture all tax revenue in the study area across all levels of government that exist in that study area for the specific industries and institutions impacted by the BESS facility.

Taxes are levied at different levels of government. In IMPLAN, the results are detailed at the State and Local level, as well as the Federal, County, Sub County General, Sub County Special Districts. Sub County General includes city and township governments. Sub County Special includes fire and public-school districts.

The tax revenue estimated by the IMPLAN model is the best available estimation of taxes generated. It is based on general economic multipliers for various cost and revenue categories by a specific company. It is not intended to be an exact calculation of taxes, but an order-of-magnitude estimate.

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The following table summarizes the total Federal Tax impact of the BESS facility based on New Leaf Energy's projected budget in 2024 dollars.

Federal Tax Impact
Proposed Battery Energy Storage System - IMPLAN Analysis

Description	Employee Compensation	Proprietor Income	Tax on Production and Imports	Households	Corporations
Social Insurance Tax- Employee Contribution	$261,132	$37,670			
Social Insurance Tax- Employer Contribution	$232,934				
TOPI: Excise Taxes			$177,502		
TOPI: Custom Duty			$197,748		
OPI: Corporate Profits Tax					$52,227
Personal Tax: Income Tax				$500,797	
Personal Tax: Estate and Gift Tax					
Total Federal Tax	$494,066	$37,670	$375,250	$500,797	$52,227
Total Federal Tax	$1,460,011				

Source: London Moeder Advisors, IMPLAN

The following table summarizes the total State and Local Tax impact of thew BESS facility based on New Leaf Energy's projected budget in 2024 dollars.

State and Local Tax Impact
Proposed Battery Energy Storage System - IMPLAN Analysis

Description	Employee Compensation	Tax on Production and Imports	Households	Corporations
Social Insurance Tax- Employee Contribution	$10,825			
Social Insurance Tax- Employer Contribution	$11,103			
TOPI: Sales Tax		$3,422,030		
TOPI: Property Tax		$166,674		
TOPI: Motor Vehicle License		$106,577		
TOPI: Severance Tax		$9,231		
TOPI: Other Taxes		$413,774		
TOPI: Special Assessments		$0		
OPI: Corporate Profits Tax				$52,219
Personal Tax: Income Tax			$176,598	
Personal Tax: Motor Vehicle License			$3,847	
Personal Tax: Property Taxes			$109	
Personal Tax: Other Tax (Fish/Hunt)			$787	
Total State and Local Tax	$21,927	$4,118,288	$181,343	$52,219
Total State and Local Tax	$4,373,777			

Source: London Moeder Advisors, IMPLAN

Draft

The following table depicts the total County Tax impact of the BESS facility based on New Leaf Energy's projected budget in 2024 dollars.

County Tax Impact

Proposed Battery Energy Storage System - IMPLAN Analysis

Description	Employee Compensation	Tax on Production and Imports	Households	Corporations
Social Insurance Tax- Employee Cor	$0			
Social Insurance Tax- Employer Cor	$0			
TOPI: Sales Tax		$300,702		
TOPI: Property Tax		$1,080,553		
TOPI: Motor Vehicle License		$0		
TOPI: Severance Tax		$0		
TOPI: Other Taxes		$159,666		
TOPI: Special Assessments		$18,689		
OPI: Corporate Profits Tax				$0
Personal Tax: Income Tax			$0	
Personal Tax: Motor Vehicle License			$0	
Personal Tax: Property Taxes			$709	
Personal Tax: Other Tax (Fish/Hunt)			$0	
Total County Tax	$0	$1,559,610	$709	$0
Total County Tax	$1,560,319			

Source: London Moeder Advisors, IMPLAN

Draft

The following table depicts the total Sub County (General) Tax impact of the BESS facility based on New Leaf Energy's projected budget in 2024 dollars.

Sub County (Special Districts) Tax Impacts
Proposed Battery Energy Storage System - IMPLAN Analysis

Description	Employee Compensation	Tax on Production and Imports	Households	Corporations
Social Insurance Tax- Employee Contribution	$0			
Social Insurance Tax- Employer Contribution	$0			
TOPI: Sales Tax		$91,128		
TOPI: Property Tax		$2,227,209		
TOPI: Motor Vehicle License		$724		
TOPI: Severance Tax		$0		
TOPI: Other Taxes		$66,033		
TOPI: Special Assessments		$170,092		
OPI: Corporate Profits Tax				$0
Personal Tax: Income Tax			$0	
Personal Tax: Motor Vehicle License			$21	
Personal Tax: Property Taxes			$1,461	
Personal Tax: Other Tax (Fish/Hunt)			$0	
Total Sub County (Special Districts Tax)	**$0**	**$2,555,186**	**$1,483**	**$0**
Total Sub County (Special Districts Tax)	**$2,556,668**			

Source: London Moeder Advisors, IMPLAN

Draft

The following table depicts the total Sub County (Special Districts) Tax impact of the BESS facility based on New Leaf Energy's projected budget in 2024 dollars.

Sub County (General) Tax Impacts
Proposed Battery Energy Storage System - IMPLAN Analysis

Description	Employee Compensation	Tax on Production and Imports	Households	Corporations
Social Insurance Tax- Employee Contribution	$0			
Social Insurance Tax- Employer Contribution	$0			
TOPI: Sales Tax		$555,636		
TOPI: Property Tax		$414,070		
TOPI: Motor Vehicle License		$0		
TOPI: Severance Tax		$0		
TOPI: Other Taxes		$111,052		
TOPI: Special Assessments		$8,848		
OPI: Corporate Profits Tax				$0
Personal Tax: Income Tax			$0	
Personal Tax: Motor Vehicle License			$0	
Personal Tax: Property Taxes			$272	
Personal Tax: Other Tax (Fish/Hunt)			$0	
Total Sub County (General) Tax	$0	$1,089,607	$272	$0
Total Sub County (General) Tax	$1,089,879			

Source: London Moeder Advisors, IMPLAN

Draft

Environmental

Another important output for consideration of the operation of the BESS facility is the impact on the environment. Specifically, the amount of Greenhouse Gases emitted by the facility. For this analysis we analyzed the emissions of the planned facility utilizing the expected usage of solar (70%), wind (15%) and hydroelectric electricity generation (15%) compared to the emissions output of a fossil fuel electricity generation facility.

As the following table details, the emissions savings for utilizing renewable sources instead of fossil fuels for power generation is 498,907,316 kg of greenhouse gases per year, or 97% less.

Fossil Fuel vs. Renewable Energy Sources
Enviromental Output
Santa Cruz County

	Greenhouse Gases (Kg)		
Source	Renewable Energy Sources	Fossil Fuel	Output Reduction (Kg)
39 - Electric power generation - Hydroelectric	3,456	0	3,456
40 - Electric power generation - Fossil fuel	0	501,829,036	-501,829,036
41 - Electric power generation - Nuclear	0	0	0
42 - Electric power generation - Solar	746,340	1,540	744,800
43 - Electric power generation - Wind	220	0	220
44 - Electric power generation - Geothermal	0	0	0
45 - Electric power generation - Biomass	190,483	233,325	-42,842
46 - Electric power generation - All other	902,334	10,545	891,789
47 - Electric power transmission and distribution	11,745,941	10,421,644	1,324,297
Total Fossil Fuel Output	13,588,773	512,496,090	-498,907,316
		Output Reduction (%)	-97%

Source: London Moeder Advisors, IMPLAN

Draft

Socioeconomic Impact Analysis

This section evaluates the potential socioeconomic impacts of the proposed battery energy storage facility in an unincorporated portion of Santa Cruz County and the surrounding region.[9]

The analysis considers existing socioeconomic conditions in the area, including population characteristics, employment patterns, housing availability, and public service capacity. We also assess how project construction and activities could interact with these conditions. The evaluation also considers the scale and duration of the workforce associated with construction and operations, potential local procurement and economic activity, and the project's contribution to regional energy reliability and infrastructure.

Regional Overview

Santa Cruz County is located on the northern shore of Monterey Bay approximately 70 miles south of San Francisco and forms part of the broader Bay Area economic region. The county encompasses roughly 445 square miles and includes four incorporated cities—Santa Cruz, Watsonville, Capitola, and Scotts Valley—as well as numerous unincorporated communities.

Economic Characteristics

The local economy is characterized by a mix of agriculture, tourism, education, technology services, and public sector employment. Proximity to Silicon Valley influences the county's economic profile, contributing to commuting patterns, housing pressures, and a growing technology workforce.

Economic Base

The economic base is composed of multiple sectors including Agriculture, Tourism and Recreation, Higher Education and Research, Technology and Professional Services and Retail and Service Sectors. The following bullet points detail these sectors:

- **Agriculture** – one of the foundational economic sectors of Santa Cruz County, particularly in the southern Pajaro Valley near Watsonville. Major crops include strawberries, raspberries, lettuce, apples, nursery products, and cut flowers.

  The agricultural industry is estimated to contribute approximately $1.6 billion annually to the county economy when including direct production, processing, and secondary economic effects. The sector employs nearly 12,000 workers when direct and indirect jobs are considered.

[9] This analysis has been added in April 2026 to our original report delivered in September 2024.

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The region benefits from fertile soil, coastal climate conditions favorable for specialty crops, and access to statewide and international agricultural markets.

- Tourism and Recreation - Tourism represents another major pillar of the county's economic base. Coastal amenities, redwood forests, and cultural attractions attract millions of visitors annually. Key attractions include the beaches of Monterey Bay, coastal parks, and the historic boardwalk area.

  Visitor spending supports hospitality, retail, and food service industries and generates significant local tax revenue through sales taxes and transient occupancy taxes (hotel taxes). Tourism activity supports thousands of jobs in the county's service sector.

- Higher Education and Research - University of California, Santa Cruz (UCSC) significantly shapes the county economy. The university is one of the largest employers in the region and drives research activity, technology transfer, and workforce development. UCSC also contributes to the growth of research-based firms and startup companies in fields such as:

  - Biotechnology
  - Environmental science
  - Marine sciences
  - Information technology
  - University spending and student activity contribute substantially to the retail, housing, and service sectors.

- Technology and Professional Services - Although smaller than neighboring Silicon Valley, Santa Cruz County hosts a growing cluster of technology firms, particularly in software development, digital media, and data analytics. Technology employment has been strengthened by the county's proximity to major innovation centers in Silicon Valley and San Jose. This proximity encourages commuting, remote work arrangements, and satellite office locations within Santa Cruz County.

- Retail and Service Sectors - Retail trade and local services form a significant share of employment in the county. These sectors support the tourism industry and the local population. Major retail areas are located in downtown Santa Cruz, Capitola Village, and commercial centers in Watsonville. Service-sector employment includes healthcare providers, educational institutions, and social services.

Fiscal Resources

Local government revenues in Santa Cruz County are derived from a combination of tax revenues, service charges, intergovernmental transfers, and miscellaneous revenues. The following bullet points highlight the most recent revenues by source as outlined in the FY 2025-2026 budget:

- Total revenues: approximately $1.26 billion

- Total expenditures: approximately $1.35 billion

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- General Fund revenues (major categories):
  - Taxes
    - Property tax allocations
    - Sales and use tax
    - Transient occupancy tax (TOT)
    - Deed transfer tax
    - Cannabis business tax
    - Franchise and utility taxes
  - Intergovernmental Revenues - State and federal transfers account for a large portion of local budgets. Intergovernmental revenues represented over $470 million in county budget revenues in recent fiscal years.
  - Charges for Services
    - Planning and development fees
    - Health services
    - Park and recreation fees
    - Permit and inspection charges
    - These fees support the operational costs of county departments.
  - Licenses, Permits, and Franchise Fees
    - Local agencies collect business license fees, building permits, and franchise fees from utilities and telecommunications providers.

Local Agencies with Taxing Authority

Multiple local governmental entities within Santa Cruz County have authority to levy taxes or assessments. These agencies finance public services such as education, infrastructure, and utilities.

- Santa Cruz County Government
- Incorporated Cities - Each city collects property tax allocations, sales taxes, and local fees.
  - Santa Cruz
  - Watsonville
  - Scotts Valley
  - Capitola
- Educational Agencies
  - Santa Cruz County Office of Education
  - Local school districts (e.g., Santa Cruz City Schools, Pajaro Valley Unified School District) also possess taxing authority through voter-approved parcel taxes and bonds.

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- Special Districts
  - Transportation
  - Water and Utilities
  - Fire Protection Districts

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Social Characteristics

The social characteristics of Santa Cruz County reflect a combination of a coastal college community, an environmentally oriented culture, and a relatively affluent but unequal housing market. These characteristics come from its demographics, economy, culture, and political orientation.

Population and Demographic Composition

The population in Santa Cruz County is currently estimated to be 260,298 people. This represents a 0.8% decline from the 2010 census. Total households are currently estimated at 91,837, a 2.7% decline from the 2010 census. The following table details the population and household changes from the 2010 and 2020 censuses and the 2026 estimate.

Population Demographics
Santa Cruz County

Year	2010	2020	2026
Total Population	262,382	270,861	260,298
Total Households	94,354	96,261	91,837
Population Growth		8,479	-10,563
Household Growth		1,907	-4,424

Source: London Moeder Advisors, Claritas

The following table details the distribution by age of the current population in Santa Cruz County. Roughly 60% of the total population is between the ages of 25 to 74. The largest single age group is 25 to 34 with 32,068 people or 12.3% of the total.

Population by Age
Santa Cruz County

Age	2026 Population	% Population
Age 0 - 4	11,007	4.2%
Age 5 - 9	11,930	4.6%
Age 10 - 14	13,237	5.1%
Age 15 - 17	9,447	3.6%
Age 18 - 20	16,079	6.2%
Age 21 - 24	19,030	7.3%
Age 25 - 34	32,068	12.3%
Age 35 - 44	30,862	11.9%
Age 45 - 54	30,714	11.8%
Age 55 - 64	31,447	12.1%
Age 65 - 74	31,414	12.1%
Age 75 - 84	17,847	6.9%
Age 85 and over	5,216	2.0%
Total	260,298	

Source: London Moeder Advisors, Claritas

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The following table details the distribution of households by income in Santa Cruz County. Approximately 510.4% of total households earn between $50,000 and $199,999 annually. The largest single income range is the $150,000 to $199,999 range with 10,308 households or 11.2% of the total. The median household income in the county is $116,573.

Household By Household Income
Santa Cruz County

Income	2026 Households	% Households
< $15,000	6,044	6.6%
$15,000 - $24,999	4,139	4.5%
$25,000 - $34,999	3,923	4.3%
$35,000 - $49,999	6,160	6.7%
$50,000 - $74,999	9,736	10.6%
$75,000 - $99,999	9,794	10.7%
$100,000 - $124,999	9,105	9.9%
$125,000 - $149,999	8,281	9.0%
$150,000 - $199,999	10,308	11.2%
$200,000 - $249,999	6,180	6.7%
$250,000 - $499,999	9,136	9.9%
$500,000+	9,031	9.8%
Total	91,837	
Median Household Income	$116,573	

Source: London Moeder Advisors, Claritas

Of the population in Santa Cruz County that is at least 25 years old, 53.2% have at least an associate's degree. There are 44,536 people (24.8%) that have a bachelor's degree.

Age 25+ Educational Attainment
Santa Cruz County

Education Level	2026 Population	% Population
Less than 9th Grade	13,027	7.3%
Some High School, No Diploma	10,166	5.7%
High School Graduate (or GED)	25,624	14.3%
Some College, No Degree	35,263	19.6%
Associate's Degree	16,535	9.2%
Bachelor's Degree	44,536	24.8%
Master's Degree	22,657	12.6%
Professional Degree	6,028	3.4%
Doctorate Degree	5,732	3.2%
Total	179,568	

Source: London Moeder Advisors, Claritas

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Of the population in Santa Cruz County that is at least 16 years old, 63.2% are employed in a white-collar job (e.g., professional, managerial, administrative or clerical workers) with 15.6% in a blue-collar job (e.g., construction, manufacturing, maintenance, and transportation). Another 21.2% are in a service or farming job (health care support (nurses), hospitality staff, janitors, police officers and retail staff).

Employed Civilian Population 16+ by Occupation Classification
Santa Cruz County

Occupation Classification	2026 Population	% Population
White Collar	83,373	63.2%
Blue Collar	20,568	15.6%
Service and Farming	27,953	21.2%
Total	131,894	

Source: London Moeder Advisors, Claritas

Of the 91,837 homes in Santa Cruz County, 58.1% are owner occupied with renter households accounting for the remaining 41.9%.

Occupied Housing Units by Tenure
Santa Cruz County

Value	2026 Homes	% Homes
Owner Occupied	53,354	58.1%
Renter Occupied	38,483	41.9%
Total	91,837	

Source: London Moeder Advisors, Claritas

The median value of owner-occupied homes in Santa Cruz County is $1,304,047. More than 68% of the owner-occupied homes are valued between $500,000 and $1,999,999. The largest single value range is the $1,000,000 to $1,499,999 with 25.9% of the total.

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Owner-Occupied Housing Units by Value
Santa Cruz County

Value	2026 Homes	% Homes
Less Than $20,000	438	0.8%
$20,000 - $39,999	241	0.5%
$40,000 - $59,999	52	0.1%
$60,000 - $79,999	104	0.2%
$80,000 - $99,999	129	0.2%
$100,000 - $149,999	531	1.0%
$150,000 - $199,999	364	0.7%
$200,000 - $299,999	870	1.6%
$300,000 - $399,999	923	1.7%
$400,000 - $499,999	1,570	2.9%
$500,000 - $749,999	5,233	9.8%
$750,000 - $999,999	7,456	14.0%
$1,000,000 - $1,499,999	13,834	25.9%
$1,500,000 - $1,999,999	9,911	18.6%
$2,000,000 or more	11,698	21.9%
Total	53,354	
Median Owner-Occupied Housing Value	$1,304,047	

Source: London Moeder Advisors, Claritas

The population of Santa Cruz County is largely white with 57.5% of the total. Those who are Hispanic or Latino account for 35.9% of the total.

Population by Single-Classification Race
Santa Cruz County

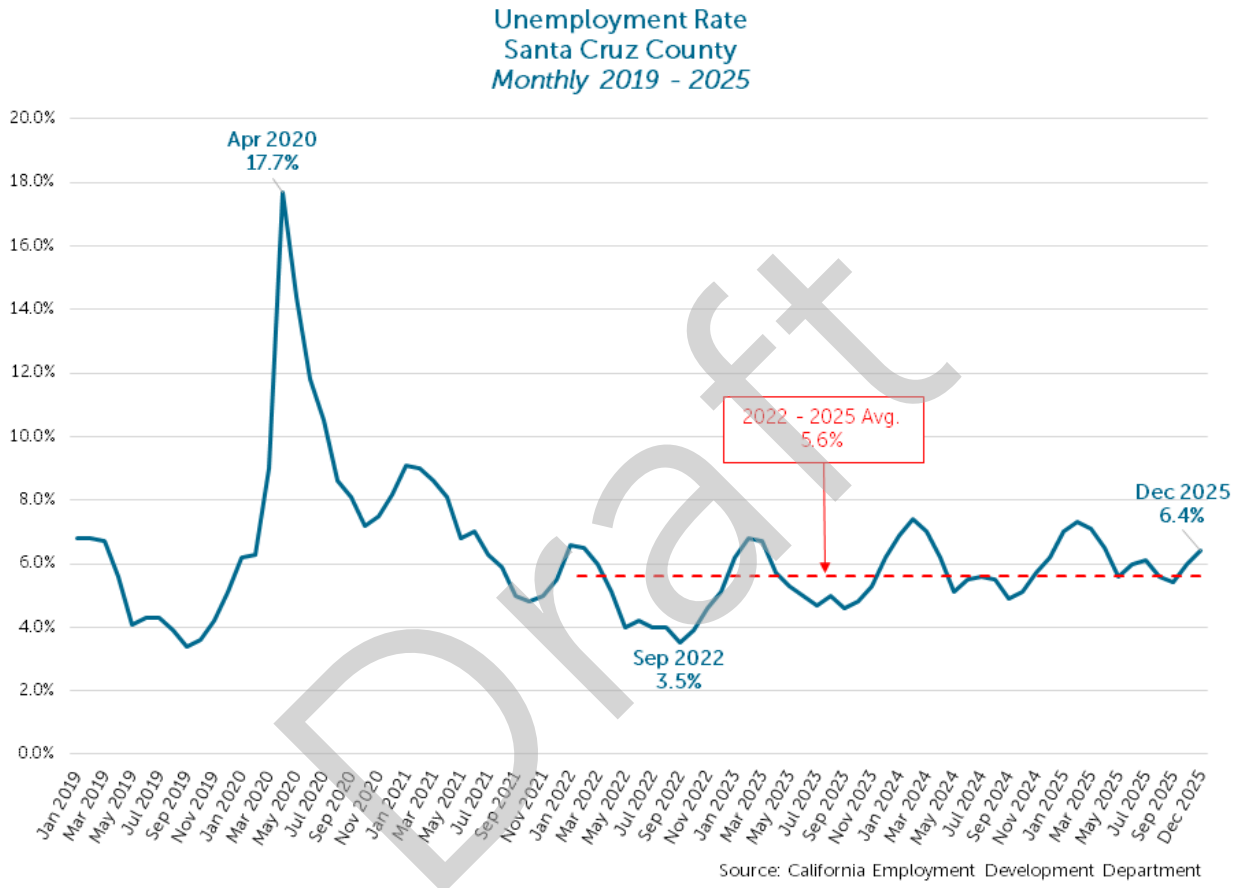
Race	2026 Population	% Population
White Alone	149,731	57.5%
Black/African American Alone	3,025	1.2%
American Indian/Alaskan Native Alone	3,562	1.4%
Asian Alone	13,139	5.0%
Native Hawaiian/Pacific Islander Alone	387	0.1%
Some Other Race Alone	51,376	19.7%
Two or More Races	39,078	15.0%
Total	260,298	
Hispanic/Latino	93,509	35.9%
Not Hispanic or Latino	166,789	64.1%
Total	260,298	

Source: London Moeder Advisors, Claritas

Draft

Unemployment Rates

The Unemployment rate in Santa Cruz County has remained largely stable since recovering from the unemployment surge caused by Covid-19 in 2020. Since the beginning of 2022, the unemployment rate has averaged 5.6%. In December of 2025, the unemployment rate was 6.4%.



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Santa Cruz County's unemployment rate tends to be above both the state and national average despite a labor force participation rate that is typically on par with the state and national averages[10].

Many of the employment sectors in Santa Cruz County, including tourism, hospitality and agriculture are seasonal and therefore are prone to fluctuations in employment levels[11].

California's Department of Finance projects that unemployment in Santa Cruz County is forecasted to be 6.3% in 2030, 6.1% in 2035 and 6.0% in 2040 through 2055[12].

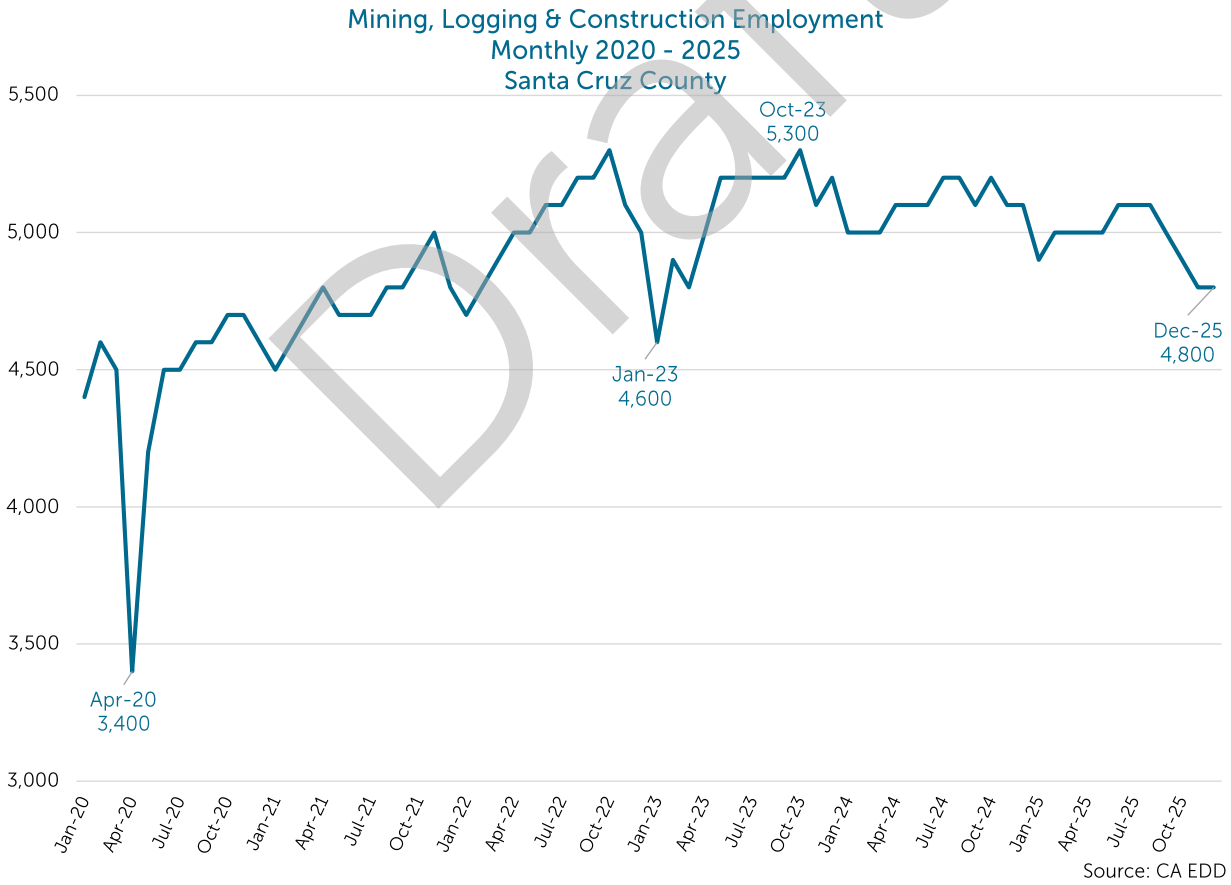
[10] Santa Cruz County 2025 State of the Workforce.
[11] Ibid.
[12] Santa Cruz County Demographic and Economic Profile and Long-Run Forecast. CA DOF/Caltrans

Worker Availability

As detailed in the Economic Impacts Results section in this report, the total employment generated by the construction and operation of the BESS is anticipated to be 55 jobs. Of these, 50 jobs will be during the construction of the project with five jobs maintained during the operation of the facility.

The Mining, Logging and Construction sector of employment in Santa Cruz County has averaged approximately 5,053 jobs in the last three years. Employment has ranged from 4,600 to 5,300 in that time span. In the last year, this sector has declined by roughly 300 jobs, or 5.9%. However, with a small construction employment total anticipated for the project coupled with the county unemployment rate of 6.4%, there is not expected to be a construction worker shortage for the BESS.

The following chart details employment in the construction sector from the decline noted during Covid to the end of 2025:



Source: CA EDD

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Housing Availability

Housing options in Santa Cruz County include single family homes, condominiums, townhomes and apartments. Short-term options include hotels, motels and vacation rentals. The short-term options are best suited for the construction workers (50) while longer-term options would be suitable for the operations jobs (5).

For the longer-term options, there are currently 344 single-family homes, 31 townhomes and 79 condominiums listed for sale in Santa Cruz County. This translates to 90.8 available homes per worker. Apartment vacancy countywide totals 656 units or 3.9%. These available apartments translate to 12 available apartments per worker.

The short-term options include 841 vacation rentals and roughly 5,000 hotel and motel rooms. These options are more than significant enough to house workers during the construction period.

This analysis assumes that all the 55 workers come from outside of Santa Cruz County and will need either a short-term or a long-term option. In fact, it is likely that many of the workers (90%), particularly those involved in the construction process, reside in the county and will simply commute to the project site. The operations employees will likely come from outside of the county and are already employed with New Leaf.

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Housing Options for Project Workers
Santa Cruz County

Housing Type	Suited For	Available Units	Units per Worker	Source
Long-Term Options — Operations Employees (5 workers)				
Single-Family Homes	Operations (5)	344		CRMLS[1]
Townhomes	Operations (5)	31		CRMLS[1]
Condominiums	Operations (5)	79		CRMLS[1]
Total For-Sale		**454**	**90.8**	
Apartments (Rental)	Operations (5)	656		CoStar[2]
Total Rental		**656**	**131.2**	
Short-Term Options — Construction Workers (50 workers)				
Vacation Rentals	Construction (50)	841	**16.8**	Lookout Santa Cruz[3]
Hotels & Motels	Construction (50)	~5,000	**~100**	Lookout Santa Cruz[4]

Sources:
[1] CRMLS — listings for Santa Cruz County (single-family homes, townhomes, condominiums for sale)
[2] CoStar — countywide apartment data
[3] Lookout Santa Cruz — Santa Cruz County Vacation Rentals
[4] Lookout Santa Cruz — Santa Cruz Hospitality Industry

Project Impacts

Employment

Our IMPLAN analysis (see the Total Impact Summary section of this report) indicates a total of 55 jobs will be generated by the construction and operation of the BESS facility. Of these, 50 will be during the construction period that is expected to last a total of 18 months. Not all trades will be active during that 18-month period. The remaining five jobs will be in the stabilized operations of the facility that is expected to be in operation for at least 20 years.

Local Employment

Non-local workers are anticipated to be less than 10% of the construction employment, while 100% of the sustained operations jobs are expected to be filled from outside of the county.

Population Impact

In the Costs to the County of Santa Cruz section of this report, we calculated the effective population of Santa Cruz County. The effective population combines residents with the employment population that works within the County. Based on the County of Santa Cruz's jobs-per-population ratio of 0.49, the total effective population of the battery storage facility is estimated to be 2.4 persons.

Population Impact on Housing

Our previous analysis indicated that there are plenty of housing options available for both the construction and operations phases of the facility. Given the minimal population impact of the operation of the storage facility, the impact of these additional 2.4 people is expected to be negligible.

School Impact Fees

The proposed project is on a 47-acre parcel in an unincorporated portion of Santa Cruz County. However, the construction of the BESS is expected to utilize approximately 10 acres. Based on this usage, the total one-time impact fee is anticipated to be $339,768, or $0.78 per square foot.

School Impact Fee Analysis
Santa Cruz County
Proposed Battery Energy Storage System

Total Acreage	47
Net Project Acres	10
Net Project SF	435,600
Impact Fee per SF	$0.78
Total Impact Fee	$339,768

Source: LMA, Pajaro Valley USD

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Payroll Estimates

Total construction payroll is estimated (see the Total Impact Summary section of this report) to be $3,751,044 for the 50 workers. Total annual payroll for operations is estimated to be $743,643 for five workers.

Expenditures for Materials

Locally purchased materials anticipated to be utilized for the construction of the facility are budgeted to cost $187,168,103. Of this one-time expenditure, sales tax is expected to be $17,780,970 with the portion to the county anticipated to be $6,550,884. Augmentation expenditures, anticipated in year 4 and year 9 are expected to cost $41,730,000 and will generate a sales tax of $3,964,350 with $1,460,550 to the county. In total, these one-time and recurring purchases are estimated to generate $8,011,434 to the county. (see the Total County Revenues section of this report)

Capital Cost

The estimated capital cost of construction is budgeted to be $191,353,253 with an additional $10,000,000 for land acquisition. A total of $201,353,253. (see the Total County Revenues section of this report)

Property Tax

Property tax on the estimated $201,353,253 value of the property at completion is anticipated to be $2,070,947 in the first year of completion. (see the Total County Revenues section of this report)

Employment Effects

Construction and operation of the BESS facility will generate direct, indirect, and induced income and employment effects. The construction phase is expected to directly support 50 jobs and generate $3.75 million in labor income. Indirect effects are expected to support 588 jobs and generate $46.9 million in labor income. Induced effects are expected to support 139 jobs and contribute $8.5 million in labor income.

Across all three types of effect, construction of the facility is expected to generate a combined 776 jobs and produce $59.15 million in labor income. These are one-time impacts that occur during the construction period, representing a significant short-term economic stimulus to the regional economy.

Stabilized operations impacts are expected to directly sustain 5 permanent jobs with $743,643 in annual labor income. Indirect effects will sustain an additional 40 jobs generating $3.28 million in labor income. Induced effects are expected to add 11 jobs annually, contributing $664,975 in labor income.

In aggregate, the project's stabilized operations are expected to generate 56 jobs and $4.69 million in annual labor income. These are recurring economic benefits that compound in significance over time, effectively making the project a permanent contributor to regional economic health. (see the Total Impact Summary section of this report)

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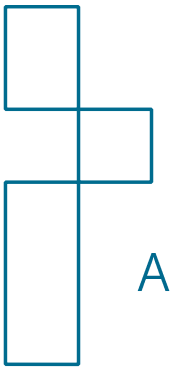

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Industry Definitions

Impact Industry Display	Definition
39 - Electric power generation - Hydroelectric	This U.S. industry comprises establishments primarily engaged in operating hydroelectric power generation facilities. These facilities use water power to drive a turbine and produce electric energy. The electric energy produced in these establishments is provided to electric power transmission systems or to electric power distribution systems.
40 - Electric power generation - Fossil fuel	This U.S. industry comprises establishments primarily engaged in operating fossil fuel powered electric power generation facilities. These facilities use fossil fuels, such as coal, oil, or gas, in internal combustion or combustion turbine conventional steam process to produce electric energy. The electric energy produced in these establishments is provided to electric power transmission systems or to electric power distribution systems.
42 - Electric power generation - Solar	This U.S. industry comprises establishments primarily engaged in operating solar electric power generation facilities. These facilities use energy from the sun to produce electric energy. The electric energy produced in these establishments is provided to electric power transmission systems or to electric power distribution systems.
43 - Electric power generation - Wind	This U.S. industry comprises establishments primarily engaged in operating wind electric power generation facilities. These facilities use wind power to drive a turbine and produce electric energy. The electric energy produced in these establishments is provided to electric power transmission systems or to electric power distribution systems.
46 - Electric power generation - All other	This U.S. industry comprises establishments primarily engaged in operating electric power generation facilities (except hydroelectric, fossil fuel, nuclear, solar, wind, geothermal, biomass). These facilities convert other forms of energy, such as tidal power, into electric energy. The electric energy produced in these establishments is provided to electric power transmission systems or to electric power distribution systems.
47 - Electric power transmission and distribution	This U.S. industry comprises establishments primarily engaged in operating electric power transmission systems and/or controlling (i.e., regulating voltages) the transmission of electricity from the generating source to distribution centers or other electric utilities. The transmission system includes lines and transformer stations.
49 - Water, sewage and other systems	This industry comprises establishments primarily engaged in operating water treatment plants and/or operating water supply systems. The water supply system may include pumping stations, aqueducts, and/or distribution mains. The water may be used for drinking, irrigation, or other uses.
60 - Maintenance and repair construction of nonresidential structures	This industry group comprises establishments primarily responsible for the construction (including new work, additions, alterations, maintenance, and repairs) of nonresidential buildings. This industry group includes nonresidential general contractors, nonresidential for-sale builders, nonresidential design-build firms, and nonresidential project construction management firms.
154 - Petroleum refineries	This industry comprises establishments primarily engaged in refining crude petroleum into refined petroleum. Petroleum refining involves one or more of the following activities: (1) fractionation; (2) straight distillation of crude oil; and (3) cracking.
399 - Wholesale - Petroleum and petroleum products	This industry comprises establishments with bulk liquid storage facilities primarily engaged in the merchant wholesale distribution of crude petroleum and petroleum products, including liquefied petroleum gas.
400 - Wholesale - Other nondurable goods merchant wholesalers	This industry comprises establishments primarily engaged in the merchant wholesale distribution of stationery, office supplies, and/or gift wrap.
408 - Retail - Gasoline stores	This industry comprises establishments engaged in retailing automotive fuels (e.g., diesel fuel, gasohol, gasoline) in combination with convenience store or food mart items. These establishments can either be in a convenience store (i.e., food mart) setting or a gasoline station setting. These establishments may also provide automotive repair services.

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413 - Retail - Nonstore retailers	Industries in the Nonstore Retailers subsector retail merchandise using methods, such as the broadcasting of infomercials, the broadcasting and publishing of direct-response advertising, the publishing of paper and electronic catalogs, door-to-door solicitation, in-home demonstration, selling from portable stalls and distribution through vending machines. Establishments in this subsector include mail-order houses, vending machine operators, home delivery sales, door-to-door sales, party plan sales, electronic shopping, and sales through portable stalls (e.g., street vendors, except food). Establishments engaged in the direct sale (i.e., nonstore) of products, such as home heating oil dealers and newspaper delivery service providers are included in this subsector.
417 - Truck transportation	This industry comprises establishments primarily engaged in providing local general freight trucking. General freight trucking establishments handle a wide variety of commodities, generally palletized and transported in a container or van trailer. Local general freight trucking establishments usually provide trucking within a metropolitan area which may cross state lines. Generally the trips are same-day return.
419 - Pipeline transportation	This industry comprises establishments primarily engaged in the pipeline transportation of crude oil.
420 - Scenic and sightseeing transportation and support activities for transportation	This industry comprises establishments primarily engaged in providing scenic and sightseeing transportation on land, such as sightseeing buses and trolleys, steam train excursions, and horse-drawn sightseeing rides. The services provided are usually local and involve same-day return to place of origin.
441 - Monetary authorities and depository credit intermediation	This industry comprises establishments primarily engaged in performing central banking functions, such as issuing currency, managing the Nation's money supply and international reserves, holding deposits that represent the reserves of other banks and other central banks, and acting as a fiscal agent for the central government.
447 - Other real estate	This industry comprises establishments primarily engaged in acting as lessors of buildings (except miniwarehouses and self-storage units) that are not used as residences or dwellings. Included in this industry are: (1) owner-lessors of nonresidential buildings; (2) establishments renting real estate and then acting as lessors in subleasing it to others; and (3) establishments providing full service office space, whether on a lease or service contract basis. The establishments in this industry may manage the property themselves or have another establishment manage it for them.
448 - Tenant-occupied housing	This industry comprises establishments primarily engaged in acting as lessors of buildings used as residences or dwellings, such as single-family homes, apartment buildings, and town homes. Included in this industry are owner-lessors and establishments renting real estate and then acting as lessors in subleasing it to others. The establishments in this industry may manage the property themselves or have another establishment manage it for them.
449 - Owner-occupied dwellings	This industry comprises establishments primarily engaged in acting as lessors of buildings used as residences or dwellings, such as single-family homes, apartment buildings, and town homes. Included in this industry are owner-lessors and establishments renting real estate and then acting as lessors in subleasing it to others. The establishments in this industry may manage the property themselves or have another establishment manage it for them.
455 - Legal services	This industry comprises offices of legal practitioners known as lawyers or attorneys (i.e., counselors-at-law) primarily engaged in the practice of law. Establishments in this industry may provide expertise in a range or in specific areas of law, such as criminal law, corporate law, family and estate law, patent law, real estate law, or tax law.
457 - Architectural, engineering, and related services	This industry comprises establishments primarily engaged in planning and designing residential, institutional, leisure, commercial, and industrial buildings and structures by applying knowledge of design, construction procedures, zoning regulations, building codes, and building materials.
459 - Custom computer programming services	This U.S. industry comprises establishments primarily engaged in writing, modifying, testing, and supporting software to meet the needs of a particular customer.

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462 - Management consulting services	This U.S. industry comprises establishments primarily engaged in providing operating advice and assistance to businesses and other organizations on administrative management issues, such as financial planning and budgeting, equity and asset management, records management, office planning, strategic and organizational planning, site selection, new business start-up, and business process improvement. This industry also includes establishments of general management consultants that provide a full range of administrative, human resource, marketing, process, physical distribution, logistics, or other management consulting services to clients.
464 - Scientific research and development services	This U.S. industry comprises establishments primarily engaged in conducting nanotechnology research and experimental development. Nanotechnology research and experimental development involves the study of matter at the nanoscale (i.e., a scale of about 1 to 100 nanometers). This research and development in nanotechnology may result in development of new nanotechnology processes or in prototypes of new or altered materials and/or products that may be reproduced, utilized, or implemented by various industries.
468 - Marketing research and all other miscellaneous professional, scientific, and technical services	This industry comprises establishments primarily engaged in systematically gathering, recording, tabulating, and presenting marketing and public opinion data.
469 - Management of companies and enterprises	This U.S. industry comprises legal entities known as bank holding companies primarily engaged in holding the securities of (or other equity interests in) companies and enterprises for the purpose of owning a controlling interest or influencing the management decisions of these firms. The holding companies in this industry do not administer, oversee, and manage other establishments of the company or enterprise whose securities they hold.
472 - Employment services	This U.S. industry comprises establishments primarily engaged in listing employment vacancies and in referring or placing applicants for employment. The individuals referred or placed are not employees of the employment agencies.
476 - Services to buildings	This industry comprises establishments primarily engaged in exterminating and controlling birds, mosquitoes, rodents, termites, and other insects and pests (except for crop production and forestry production). Establishments providing fumigation services are included in this industry.
483 - Offices of physicians	This U.S. industry comprises establishments of health practitioners having the degree of M.D. (Doctor of Medicine) or D.O. (Doctor of Osteopathy) primarily engaged in the independent practice of general or specialized medicine (except psychiatry or psychoanalysis) or surgery. These practitioners operate private or group practices in their own offices (e.g., centers, clinics) or in the facilities of others, such as hospitals or HMO medical centers.
490 - Hospitals	This industry comprises establishments known and licensed as general medical and surgical hospitals primarily engaged in providing diagnostic and medical treatment (both surgical and nonsurgical) to inpatients with any of a wide variety of medical conditions. These establishments maintain inpatient beds and provide patients with food services that meet their nutritional requirements. These hospitals have an organized staff of physicians and other medical staff to provide patient care services. These establishments usually provide other services, such as outpatient services, anatomical pathology services, diagnostic X-ray services, clinical laboratory services, operating room services for a variety of procedures, and pharmacy services.
509 - Full-service restaurants	This U.S. industry comprises establishments primarily engaged in providing food services to patrons who order and are served while seated (i.e., waiter/waitress service) and pay after eating. These establishments may provide this type of food service to patrons in combination with selling alcoholic beverages, providing carryout services, or presenting live nontheatrical entertainment.

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510 - Limited-service restaurants	This U.S. industry comprises establishments primarily engaged in providing food services (except snack and nonalcoholic beverage bars) where patrons generally order or select items and pay before eating. Food and drink may be consumed on premises, taken out, or delivered to the customer's location. Some establishments in this industry may provide these food services in combination with selling alcoholic beverages.
511 - All other food and drinking places	Industries in the Food Services and Drinking Places subsector prepare meals, snacks, and beverages to customer order for immediate on-premises and off-premises consumption. There is a wide range of establishments in these industries. Some provide food and drink only; while others provide various combinations of seating space, waiter/waitress services and incidental amenities, such as limited entertainment. The industries in the subsector are grouped based on the type and level of services provided. The industry groups are full-service restaurants; limited-service eating places; special food services, such as food service contractors, caterers, and mobile food services; and drinking places.
512 - Automotive repair and maintenance, except car washes	This U.S. industry comprises establishments primarily engaged in replacing, repairing, and/or tinting automotive vehicle glass, such as passenger car, truck, and van glass.
534 - Other local government enterprises	The Public Administration sector consists of establishments of federal, state, and local government agencies that administer, oversee, and manage public programs and have executive, legislative, or judicial authority over other institutions within a given area.

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Corporate Profile

London Moeder Advisors

REPRESENTATIVE SERVICES

Market and Feasibility Studies	Development Services	Litigation Consulting
Financial Structuring	Fiscal Impact	Workout Projects
Asset Disposition	Strategic Planning	MAI Valuation
Government Processing	Capital Access	Economic Analysis

London Moeder Advisors (formerly The London Group) was formed in 1991 to provide real estate advisory services to a broad range of clientele. The firm principals, Gary London and Nathan Moeder, combine for over 60 years of experience. We have analyzed, packaged and achieved capital for a wide variety of real estate projects. Clients who are actively pursuing, developing and investing in projects have regularly sought our advice and financial analysis capabilities. Our experience ranges from large scale, master planned communities to urban redevelopment projects, spanning all land uses and development issues of all sizes and types. These engagements have been undertaken principally throughout North America and Mexico.

A snapshot of a few of the services we render for both the residential and commercial sectors:

- **Market Analysis** for mixed use, urban and suburban properties. Studies concentrate on market depth for specific products, detailed recommendations for product type, absorption and future competition. It also includes economic overviews and forecasts of the relevant communities.

- **Financial Feasibility Studies** for new projects of multiple types, including condominium, apartment, office, and master-planned communities. Studies incorporate debt and equity needs, sensitivity analyses, rates of return and land valuations.

- **Litigation support/expert witness services** for real estate and financial related issues, including economic damages/losses, valuations, historic market conditions and due diligence. We have extensive deposition, trial, mediation and arbitration experience.

- **Investment studies for firms acquiring or disposing of real estate.** Studies include valuation, repositioning projects and portfolios, economic/real estate forecasts and valuation of partnerships. Often, the commercial studies include the valuation of businesses.

- **Estate Planning services** including valuation of portfolios, development of strategies for disposition or repositioning portfolios, succession planning and advisory services for high net worth individuals. We have also been involved in numerous marriage dissolution assignments where real estate is involved.

- **Fiscal Impact, Job Generation and Economic Multiplier Effect Reports**, traditionally prepared for larger commercial projects and in support of Environmental Impact Reports. We have been retained by both developers and municipalities for these reports. The studies typically relate to the tax revenues and employment impacts of new projects.

London Moeder Advisors also draws upon the experience of professional relationships in the development, legal services, financial placement fields as well as its own staff. Clients who are actively investigating and investing in apartment projects, retail centers, commercial projects, mixed use developments and large master plans have regularly sought our advice and financial analysis capabilities.

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Contact Information

This analysis was prepared by London Moeder Advisors commissioned by New Leaf Energy.

Research for this project was completed in September 2024. Conclusions and recommendations are strictly those of London Moeder Advisors. Users of this information should recognize that assumptions and projections contained in this report *will* vary from the actual experience in the marketplace. Therefore, London Moeder Advisors is not responsible for the actions taken or any limitations, financial or otherwise, of property owners, investors, developers, lenders, public agencies, operators or tenants.

This assignment was completed by the staff of London Moeder Advisors. **Nathan Moeder**, Principal, served as project director. **Robert Martinez**, Senior Analyst, conducted analysis and prepared exhibits in this report. **Gary London,** Senior Principal, provided strategic consultation, editing and recommendations. For further information or questions contact us at:

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3.11 Soils

This section describes the potential effects the construction and operation that the Seahawk Battery Energy Storage System (BESS) Project (project) may have on soil resources at and in the vicinity of the project site.

The proposed project would consist of a 200-megawatt BESS facility using lithium-iron phosphate batteries installed in racks inside of prefabricated energy storage containers. The project would include components such as an operations and maintenance building, an on-site collector substation, a fire protection system, a noise wall, and Supervisory Control and Data Acquisition (SCADA). The project would interconnect from the on-site collector substation to the adjacent Pacific Gas and Electric Company (PG&E) Green Valley Substation via a 115-kilovolt generation interconnection (gen-tie) transmission line. The line would be installed underground from the project substation to the Point of Change of Ownership at an overhead riser pole on PG&E parcel, and an overhead generation interconnection line would connect to the Point of Interconnection at the PG&E Green Valley Substation.

The information presented is based on a site-specific geotechnical evaluation and readily available resources provided online. This evaluation of soils resources includes the following elements:

- Section 3.11.1 describes the existing environment that could be affected, including existing soil uses, wetlands, soil mapping, erosion, and other significant soil characteristics.
- Section 3.11.2 identifies potential environmental impacts that may result from project construction, operation, maintenance, and decommissioning.
- Section 3.11.3 discusses potential cumulative effects.
- Section 3.11.4 identifies project design mitigation measures that would be implemented to avoid or minimize potentially significant impacts during project construction, operation, and maintenance.
- Section 3.11.5 presents laws, ordinances, regulations, and standards applicable to soils resources.
- Section 3.11.6 identifies regulatory agency contacts.
- Section 3.11.7 describes permits required for the project related to soils resources.
- Section 3.11.8 provides references used to develop this section.

The following environmental setting and impact evaluation is based in part on the following project-specific technical reports, included as appendices to this application:

- Appendix 2A – Site Plan Package
- Appendix 3.4A – Geotechnical Engineering Report (Haley Aldrich 2025)

The project's Geotechnical Engineering Report (Appendix 3.4A) provides information and geotechnical engineering recommendations relative to the following: subsurface soil conditions; groundwater conditions; seismic site classification per the California Building Code (CBC); site preparation and earthwork; foundation and pavement design and construction; ground improvement recommendations; gravel access road design; stormwater infiltration; and corrosion potential.

The Geotechnical Engineering Report was supported by test borings, electrical resistivity testing, laboratory testing, and engineering analysis. Specifically, geotechnical analysis included the following:

- One mud rotary boring (B-1) to a depth of 51.5 feet below ground surface (bgs) and six cone penetration tests (CPTs) evaluated subsurface conditions across the project site. One CPT (designated CPT-1) was advanced to a depth of approximately 100 feet bgs, and five CPTs (designated CPT-2 through CPT-6) were advanced to depths between approximately 30.6 and 34.4 feet bgs. The CPT explorations included tests to interpret the approximate depth to groundwater;.
- Shear wave velocity testing was performed to a depth of 100 feet bgs at CPT-1 to inform seismic site classification.
- Disturbed soil samples were collected from near-surface soils.
- Field electrical resistivity measurements were collected.
- One field infiltration test (IT-1) was performed in the western portion of the project site to measure suitability for on-site infiltration feasibilities.
- Samples collected at the project site were submitted to geotechnical laboratory testing, including testing for thermal resistivity, electrical resistivity, and corrosivity properties.

A summary of the soils evaluation is provided in the table below.

	Potentially Significant Impact	Less Than Significant Impact With Mitigation Incorporated	Less Than Significant Impact	No Impact
Would the project:				
1) Result in substantial soil erosion or the loss of topsoil?	☐	☐	☒	☐
2) Be located on expansive soil, as defined in Section 1803.5.3 of the California Building Code, creating substantial direct or indirect risks to life or property?	☐	☐	☒	☐
3) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of farmland to non-agricultural use?	☐	☐	☒	☐
4) Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	☐	☐	☒	☐

3.11.1 Affected Environment

This subsection describes on-site soils with respect to U.S. Department of Agriculture Natural Resources Conservation Service (NRCS) soil map units, potential for soil loss and erosion, and other significant soil characteristics.

3.11.1.1 NRCS Soil Map Units

A description of the surficial soils within the proposed project site was developed using the U.S. Department of Agriculture NRCS Web Soil Survey (USDA 2025a). As illustrated in Figure 3.11-1, Soils, the project site is underlain primarily by the following: Watsonville loam, 2% to 15 % slopes (covering 55.3% of the site); Pinto loam 2% to 9% slopes (covering 41.3% of the site); Pinto loam 9% to 15% slopes (covering 2.4% of the site), Diablo clay 5% to 25% slopes (covering 0.4% of the site); Pinto loam 0% to 2% slopes (covering 0.4% of the site); and Elder sandy loam 0% to 2% to 9% slopes (covering 0.1% of the site).

The Watsonville loam is classified as farmland of statewide importance and is formed from alluvium on marine terraces. These soils are somewhat poorly drained and typically composed of loam in the first 18 inches, clay from 18 to 39 inches, and sandy clay loam from 39 to 63 inches below ground surface. The Watsonville series has a land capability rating of 3, which is classified as “soils have severe limitations that reduce the choice of plants or require special conservation practices, or both” and a subclass of e which is “made up of soils for which the susceptibility to erosion is the dominant problem or hazard affecting their use. Erosion susceptibility and past erosion damage are the major soil factors that affect soils in this subclass” (USDA 2025b).

The Pinto loam series are moderately well-drained soils that are formed on alluvial fans and terraces. These soils are also considered prime farmland if irrigated. If not irrigated, they have a land capability classification of 3e, same as the Watsonville loam. Under irrigation, they are classified as 2e. Class 2 soils are defined as “soils [which] have moderate limitations that reduce the choice of plants or require moderate conservation practices” (USDA 2025b). The typical profile for Pinto loams are loams for the first 21 inches and then sand clay loam down to 65 inches below ground surface (USDA 2025a).

The Diablo Clay soils are generally found on hillslopes and mountain slopes from weathered calcareous shale. They are well drained and have a land capability rating of 4, which is defined as having “very severe limitations that reduce the choice of plants or that require very careful management.” Elder sandy loam are well drained soils composed of mixed alluvium and found in flood plains and alluvial fans. They have a land classification of 1 if irrigated and 3c if not. Land classification 1 is defined as “soils have slight limitations that restrict their use”. Subclass c is defined as “made up of soils for which the climate (the temperature or lack of moisture) is the major hazard or limitation affecting their use”.

According to soil survey data from the Natural Resources Conservation Service, the soils on site have a range of potential for linear extensibility, which is an approximation of the potential for exhibiting expansive properties (i.e., volumetric changes that occur with changes in moisture content), from low (Elder sandy loam), to moderate (Pinto loam), to high (Watsonville loam), to very high (Diablo Clay) (USDA 2025a).

3.11.1.2 Potential for Soil Loss and Erosion

Soil loss and erosion potential are greatly affected by the presence of vegetation, slope grades, soil composition and gradation, and weather patterns. Regions with sparse to no vegetation exhibit erosion more readily than areas with grasses, shrubbery, and other plants as they help in slowing the overland flow and holding the soil together. Areas with steeper slopes typically experience higher rates of erosion and soil loss than level slopes due to the higher flow velocity at which the stormwater runoff would travel. Erosion presents hazards to structures because it removes soils, which can undermine foundational elements, and transports and deposits the eroded material at other locations, which could cover roads, fill in reservoirs, and cause other impairments to infrastructure.

The soil erodibility factor, or K-value, of the Universal Soil Loss Equation and Revised Universal Soil Loss Equation, was used to assess the project site's vulnerability to erosion by surface water run-off (sheet and rill erosion). The K-value is a measure of the susceptibility of soil particles to detach and transport by rainfall and runoff. K-values range from 0.02 to 0.69, and other factors being equal, the higher the value, the more susceptible the soil is to sheet and rill erosion by surface water flows (USDA 2025b). Soil erodibility and the associated K-factor ranges are presented in Table 3.11-1 below.

Table 3.11-1. Soil Erodibility and K-Factor Ranges

K-Factor	
0.02 – 0.2	Low
0.25 – 0.4	Moderate
0.45 – 0.69	High

Source: USDA NRCS 2025.

As discussed in Section 3.11.1.1, the project site is composed of several soil map units, all of which have a K-factor within the low or moderate range. The K-factor for the soils within the project site range from 0.17 – 0.43 with the highest potential associated with the Watsonville loams.

3.11.1.3 Expansive Soils

Expansive soils have the potential to shrink and swell with variations in saturation, which could cause ground instability in the form of differential settlement, which can damage building and structural foundations. Expansive soils are typically clay-rich or clay-dominant soils. Section 1803.5.3 of the CBC describes the standards for classifying expansive soils. Soils meeting all four of the following provisions shall be considered to be expansive: If the test prescribed in Item 4 is conducted, tests to show compliance with Items 1, 2, and 3 shall not be required.

1. Plasticity index of 15 or greater, determined in accordance with ASTM D4318.
2. More than 10% of the soil particles pass a No.200 sieve (75 micrometers), determined in accordance with ASTM D422.
3. More than 10% of the soil particles are less than 5 micrometers in size, determined in accordance with ASTM D422.
4. Expansion index greater than 20, determined in accordance with ASTM D4829.

According to the Geotechnical Engineering Report (Appendix 3.4A) prepared for the proposed project site, the near-surface soils across the majority of the site (those within the upper approximately 5 feet bgs) generally consist of sandy clay soils that have been disturbed by agricultural activities and are expected to have low to moderate expansive potential. The report also identified the soils as requiring site preparations (i.e., scarification or excavation of near surface soils and recompaction) prior to construction of shallow foundations. Earthwork activities including compaction of near surface soils would be included in site preparation work as part of implementing the geotechnical recommendations in Appendix 3.4A.

3.11.1.4 Liquefaction Risk

Please see the liquefaction discussion included in Section 3.4, Geological Hazards and Resources.

3.11.1.5 Potential for Shallow Groundwater

The geotechnical investigation included conducting CPT that allowed short-term groundwater observations to be made while advancing the CPT probes (Appendix 3.4A). Groundwater was observed as ranging between 10 to 16 feet bgs. These observations represent groundwater conditions at the time of field exploration and may not be indicative of other times, or at other locations.

Groundwater level fluctuations may occur due to seasonal variations in the amount of rainfall, runoff, and other factors not evident at the time the borings are performed. Therefore, as expected, groundwater levels during construction or at other times in the life of the structure may be higher or lower than expected.

According to data collected from the U.S. Geological Survey National Water Information System from a nearby well, located on the project site in State Well Number 011S002E28F001M, historic groundwater levels during the 1970s into the early 1980s, were recorded at between 87 and 138 feet bgs. However, these readings may reflect a depressed water level due to active groundwater pumping. Recent publicly available data (within the last 20 years) is not available within a 1-mile radius from the site boundary. However, data collected during geotechnical investigation at the site observed groundwater at between approximately 10 and 16 feet bgs (Appendix 3.4A).

3.11.1.6 Potential for Shallow Bedrock

Soil borings conducted as part of the Geotechnical Engineering Report were drilled across the project site in the BESS areas, operations and maintenance building area, and generation interconnection areas. The borings were advanced to a maximum depth of 100 feet bgs, as shown in Appendix 3.4A. None of these soil borings encountered bedrock.

3.11.1.7 Soil Contamination

A Phase I Environmental Site Assessment (Phase I) was prepared for the proposed project site (Appendix 3.5A; EBI Consulting 2025). According to the findings of the Phase I, there was no evidence of recognized environmental conditions, historical recognized environmental conditions, controlled recognized environmental conditions, vapor encroachment conditions, or significant data gaps in connection with the proposed project site (Appendix 3.5A). However, it was noted that the project site has been used for agricultural purposes as an apple orchard and as a result is presumed to have used agricultural chemicals in the past (e.g., herbicides, pesticides, and fertilizers) (Appendix 3.5A). As a result, the Phase I report identified this land usage history as a business environmental risk and that there is a potential to encounter legacy agricultural chemicals in near surface soils. Recommendations were made for a Soil Management Plan to be implemented during any future grading or earthwork activities at the site.

3.11.2 Impact Analysis

The following sections describe the potential environmental effects on soils near the project site during the construction and operation of the proposed project.

3.11.2.1 Methodology

The information presented is based on a site-specific geotechnical evaluation, engineering plans, Phase I Environmental Site Assessments, and readily available resources provided online. Potential direct and indirect project impacts related to soils were evaluated against the California Environmental Quality Act (CEQA) significance

criteria and are discussed below. The impact analysis evaluates potential project impacts during project construction, operation, and decommissioning.

3.11.2.2 Impact Evaluation Criteria

CEQA Guidelines Appendix G is a screening tool, not a method for setting thresholds of significance. Appendix G is typically used in the Initial Study phase of the CEQA process, asking a series of questions. The purpose of these questions is to make a determination as to whether a project requires an environmental impact report, a Mitigated Negative Declaration, or a Negative Declaration. As the Governor's Office of Planning and Research stated, "Appendix G of the Guidelines lists a variety of potentially significant effects but does not provide a means of judging whether they are indeed significant in a given set of circumstances."

The answers to the Appendix G questions are not determinative of whether an impact is significant or less than significant. Nevertheless, the questions presented in CEQA Guidelines Appendix G are instructive. With respect to Geology and Soils, Appendix G asks, in part, whether the project would:

- Result in substantial soil erosion or the loss of topsoil.
- Be located on expansive soil, as defined in Section 1803.5.3 of the CBC, creating substantial direct or indirect risks to life or property.
- Involve other changes in the existing environment which, due to their location or nature, could result in conversion of farmland to non-agricultural use/
- Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water.

3.11.2.3 CEQA Appendix G Assessment Criteria

Criterion 3.11-1 Would the project result in substantial soil erosion or the loss of topsoil?

Less than Significant. Project construction would include grading and earthwork activities that could expose soils to the effects of wind and water erosion if not managed appropriately. However, the contractor would be required to comply with Santa Cruz County grading permit requirements, as well as preparation and implementation of a stormwater pollution prevention plan (SWPPP), in accordance with the National Pollutant Discharge Elimination System (NPDES) General Permit for Discharges of Storm Water Associated with Construction Activity and Land Disturbance Activities. The site-specific SWPPP would be prepared prior to earthwork activities and would be implemented during project construction. The SWPPP would include best management practices (BMPs) and erosion control measures to prevent pollution in stormwater discharge, which are also effective in minimizing soil erosion and loss of topsoil.

The California Energy Commission would also require the project applicant to implement a drainage, erosion, and sediment control plan to reduce the potential impact of run-off during construction, operation, maintenance, and decommissioning. Erosion prevention and sediment control facilities would be incorporated into the final grading plan, which would control and contain erosion-induced silt deposits and provide for the safe discharge of silt-free stormwater off site after rough grading has been completed. All erosion control measures would be maintained until disturbed areas are stabilized. Grading would be completed in conformance with the Santa Cruz County Grading Ordinance and recommendations in the Geotechnical Engineering Report (Appendix 3.4A). Site monitoring would involve inspections to ensure that

the BMPs required by the project-specific SWPPP and drainage, erosion, and sediment control plan are properly maintained to reduce the risk of runoff to an adequate level. Implementation of the project-specific SWPPP and drainage, erosion, and sediment control plan would ensure that downstream water bodies are not affected by sediment transport.

Typical BMPs that may be employed during construction include erosion/sediment control measures such as silt fences, fiber rolls, gravel bags, soil stockpile stabilization measures, and dust controls, consistent with the Construction General Permit. The SWPPP would be subject to review and comment by the County and review and approval by the California Energy Commission. Through compliance with these existing regulations, the project would not result in any significant impacts related to soil erosion during the construction phase. Additionally, during operations, the areas that were temporarily disturbed would be revegetated, and drainage control features would be implemented to ensure that there is no contact with bare soil surfaces (see further discussion of drainage control requirements in Section 3.15, Water Resources). Therefore, construction and operations project impacts related to soil erosion or the loss of topsoil are considered **less than significant**.

Criterion 3.11-2 Would the project be located on expansive soil, as defined in Section 1803.5.3 of the California Building Code, creating substantial direct or indirect risks to life or property?

Less than Significant. As discussed in Section 3.4, Geological Hazards and Resources, the project site is underlain primarily by medium dense to very dense sandy soils (Appendix 3.4A). According to soil data from the Natural Resources Conservation Service, the project site soils are mapped with soil units that are classified with a range of low to very high potential for experiencing volumetric changes due to changes in moisture content (USDA 2025b). Provided that the recommendations of the report are incorporated into the proposed construction site preparations and site design, which is consistent with building code requirements, the geotechnical investigation that was prepared for the project site determined that the proposed construction would not be subjected to any hazard from local conditions. These recommendations include replacing surface soils in some areas (e.g., the proposed operations and maintenance area) with engineered fills to ensure that the proposed improvements do not result in damage or injury as a result of any geotechnical hazards present, including expansive soils. Any use of imported engineered fill materials would be required to adhere to existing building code requirements, which include specifications for ensuring engineered fills meet minimum low expansion specifications (ASTM D4829). With the implementation of project-specific geotechnical recommendations pertaining to site preparations and geotechnical characteristics of site soils and fill materials, as well as compliance with Santa Cruz County Building Code requirements, the proposed project would not result in substantial direct or indirect risks to life or property from expansive soils. Impacts would be **less than significant.**

Criterion 3.11-3 Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of farmland to non-agricultural use?

Less than Significant. The project site has been used for agricultural purposes as an apple orchard since the 1920s (Appendix 3.4A). The majority of the site would continue to operate as an orchard with the exception of the portion of the site where the proposed BESS facility would be located. The impacts of farmland conversion are considered **less than significant with mitigation**. Refer to Section 3.6, Land Use, for further information and detailed analysis of this topic.

Criterion 3.11-4 Would the project have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?

No Impact. The project does not include construction or use of a septic wastewater system or alternative. An existing on-site structure would be used as the operations and maintenance building. This structure is connected to the city sewer system. Therefore, there would be **no impact** related to this criterion.

3.11.3 Cumulative Effects

A cumulative impact refers to a proposed project's incremental effects together with other closely related past, present, and reasonably foreseeable future projects whose impacts may compound or increase the incremental effects of the proposed project (California Public Resources Code 21083; Title 14, California Code of Regulations, 15064(h)], 15065, 15130, and 15355).

Risks related to soils are typically localized in nature because they tend to be related to on-site conditions or conditions caused by a project's construction. Projects that would have the potential to be considered in a cumulative context with the proposed project's incremental contribution, and that are included in the analysis of cumulative impacts relative to soils resources, are identified in Chapter 3, Environmental Analysis, Table 3-1, Cumulative Projects. Cumulative projects were chosen based on proximity to the proposed project. These projects include residential, commercial, and industrial development. The majority of the cumulative projects would involve both construction and operational activities. Nearby cumulative projects are appropriate in the context of soils resources cumulative impacts because generally there needs to be a direct nexus and similar soil conditions for a synergistic impact to occur, such as site modifications at nearby projects combining to destabilize soils. Currently, there is not a known existing significant cumulative impact related to soils within this geographic scope.

Although construction and decommissioning activities have the potential to result in erosion on the project site; adherence to the construction SWPPP; drainage, erosion, and sediment control plan; recommendations in the Geotechnical Engineering Report (Appendix 3.4A); and Santa Cruz County grading and building requirements would mitigate erosion impacts to less-than-significant levels. Other cumulative scenario projects would be required to adhere to similar requirements, thereby minimizing cumulative scenario erosion impacts. Specifically, all planned projects in the vicinity of the proposed project would be subject to environmental review and would be required to conform to the Santa Cruz County grading ordinance. With implementation of avoidance and mitigation measures and other grading and building requirements, the proposed project would not contribute to cumulative impacts for soils. Impacts of the proposed project would be cumulatively considerable if the project, in combination with related projects, would result in significant cumulative impacts. However, the effects of the cumulative projects are not of a nature to cause cumulatively significant effects from soil resources impacts, because such impacts are site-specific and would only have the potential to combine with impacts of the proposed project if they occurred in the same location. As a result, cumulative impacts related to soils resources would be **less than significant**.

3.11.4 Mitigation Measures

Because the project design would avoid or minimize potentially significant effects and would therefore not cause any significant adverse impacts to soils resources, no mitigation measures beyond the project's design are necessary.

3.11.5 Laws, Ordinances, Regulations, and Standards

Federal, state, and local laws, ordinances, regulations, and standards applicable to soils resources are discussed and summarized in Table 3.11-2.

Table 3.11-2. LORS Applicable to Soils Resources

Jurisdiction	LORS	Applicability	Project Conformity	Opt-In Application Reference
Federal	CWA/Water Pollution Control Act. 1972, amended by Water Quality Act of 1987 P.L. 100-4	Regulates stormwater and non-stormwater discharges from construction and industrial activities	**Yes.** Project grading and construction would be completed in compliance with the NPDES Construction General Permit, which would fulfill CWA requirements with respect to erosion and water quality.	Criterion 3.11-1 Section 3.11.5.2
Federal	USDA NRCS National Engineering Handbook, Sections 2 and 3	Provides standards for soil conservation during planning, design, and construction activities	**Yes.** Project grading would include earthwork activities that provide relatively level surfaces for proposed construction of structures and removing any soils unsuitable for construction and may be reused on site for landscaping. All grading would be done consistent with building code requirements.	Criterion 3.11-1 Criterion 3.11-2 Section 3.11.5.1
State	Section 1803.5.3 of the California Building Code	Regulations for soils and foundations, including standards for defining expansive soils	**Yes.** Adherence to existing regulatory requirements, which requires testing and structural design with respect to potentially expansive soils, would fulfill the requirements of the California Building Code.	Criterion 3.11-2 Section 3.11.5.2

Table 3.11-2. LORS Applicable to Soils Resources

Jurisdiction	LORS	Applicability	Project Conformity	Opt-In Application Reference
Local	California Building Standards Code (CCR Title 24, Part 2, Chapters 18 and 18A) (2022)	Sets the requirements for general building design and construction	**Yes.** All proposed improvements would be required to adhere to the requirements of the California Building Code with local amendments by Santa Cruz County, as applicable.	Criterion 3.11-2 Section 3.11.5.2
Local	Santa Cruz County Code of Ordinances, Chapter 16.20– Grading Regulations Outside Coastal Zone and Chapter 16.22 Erosion Control	Standards for grading and water quality, including permit requirements which include preparation of an erosion control plan	**Yes.** Project grading and construction would comply with Santa Cruz County grading regulations with respect to erosion control during grading and construction through compliance with the Building and Grading Permit requirements.	Criterion 3.11-1 Section 3.11.5.3
Local	Santa Cruz County Code Chapter 7.79	Chapter 7.79 – Runoff and Pollution Control provides the stormwater standards to comply with the requirements of the NPDES Phase II MS4 Permit for stormwater and non-stormwater discharges.	**Yes.** The project's stormwater management features would be designed consistent with the County's manual stormwater requirements to ensure consistency with the NPDES Phase II MS4 Permit.	Criterion 3.15-1 Criterion 3.15-3 Criterion 3.15-5 Section 3.15.5.3
Local	Santa Cruz County Code Chapter 7.79	Chapter 7.79 – Runoff and Pollution Control provides the stormwater standards to comply with the requirements of the NPDES Phase II MS4 Permit for stormwater and non-stormwater discharges.	**Yes.** The project's stormwater management features would be designed consistent with the County's manual stormwater requirements to ensure consistency with the NPDES Phase II MS4 Permit.	Criterion 3.15-1 Criterion 3.15-3 Criterion 3.15-5 Section 3.15.5.3

Table 3.11-2. LORS Applicable to Soils Resources

Jurisdiction	LORS	Applicability	Project Conformity	Opt-In Application Reference
Local	Santa Cruz County Code Chapter 7.79	Chapter 7.79 – Runoff and Pollution Control provides the stormwater standards to comply with the requirements of the NPDES Phase II MS4 Permit for stormwater and non-stormwater discharges.	**Yes.** The project's stormwater management features would be designed consistent with the County's manual stormwater requirements to ensure consistency with the NPDES Phase II MS4 Permit.	Criterion 3.15-1 Criterion 3.15-3 Criterion 3.15-5 Section 3.15.5.3
Local	Santa Cruz County General Plan	Goals and policies to support the agricultural economy and protect agricultural lands	**Yes.** Project design and construction would comply with the County's General Plan goal with respect to agricultural soils. Please also see Section 3.6, Land Use, for additional discussion of agricultural land.	Criterion 3.15-3 Section 3.15.5.3

Note: CWA = Clean Water Act; LORS = laws, ordinances, regulations, and standards; NPDES = National Pollutant Discharge Elimination System; CWA = Clean Water Act; NRCS = Natural Resources Conservation Service; MS4 = Municipal Separate Storm Sewer Systems.

3.11.5.1 Federal

NRCS (1983), National Engineering Handbook Sections 2 and 3

Sections 2 and 3 of the USDA NRCS National Engineering Handbook provide standards for soil conservation during planning, design, and construction activities. Section 2 describes soil properties, including derivation of sediments, particle characteristics, size distribution of sediments, bulk properties, and texture. Section 3 describes problems affecting the evaluation of erosion and sediment-storage damages, formulation of programs for reducing these damages, and sediment-storage design criteria for structural works of improvement for the beneficial use, control, and conservation of soil and water resources.

Project grading would include earthwork activities that provide relatively level surfaces for proposed construction of structures, and any soils removed as unsuitable for construction and may be reused on site for landscaping. All grading would be done consistent with building code requirements.

3.11.5.2 State

California Environmental Quality Act

CEQA requires state and local government agencies to inform decision makers and the public about the potential environmental impacts of the project and to reduce environmental impacts to the extent feasible. CEQA Guidelines Appendix G includes criteria for evaluating potential impacts related to soils.

Stormwater Construction General Permit

The five-member State Water Resources Control Board (SWRCB) allocates water rights, adjudicates water right disputes, develops statewide water protection plans, establishes water quality standards, and guides the nine Regional Water Quality Control Boards in the major watersheds of the state. The joint authority of water allocation and water quality protection enables the SWRCB to provide comprehensive protection for California's waters. Effective September 1, 2023, Construction Stormwater General Permit Order 2022-0057-DWQ, also known as the Construction General Permit, supersedes SWRCB Order No. 2009-009-DWQ, as amended by 2010-0014-DWQ and 2012-0006-DWQ. The order requires that, prior to beginning any construction activity, the permit applicant obtain coverage under the Construction General Permit by preparing and submitting to the SWRCB a Permit Registration Document that includes a Notice of Intent, SWPPP, and other compliance related documents required by the Construction General Permit. Regulating many stormwater discharges under one general permit greatly reduces the administrative burden associated with permitting individual stormwater discharges. Construction activities subject to the NPDES Construction General Permit include clearing, grading, and disturbances to the ground (e.g., stockpiling or excavating), which result in soil disturbances of at least 1 or more acres of land surface, or that are part of a common plan of development or sale that disturbs more than 1 acre of land surface.

Project grading and construction would be completed in compliance with the NPDES Construction General Permit, which would fulfill Clean Water Act requirements with respect to erosion and water quality.

Table 18-1-B of the Uniform Building Code (International Code Council, 1994)

Chapter 18 of the International Building Code describe the allowable soil-bearing capacity of different types of soils, including expansive soils. However, the Uniform Building Code has been superseded by the CBC, which establishes minimum standards to safeguard the public health, safety, and general welfare through structural strength, means of egress facilities, and general stability by regulating and controlling the design, construction, quality of materials, use and occupancy, location, and maintenance of all building and structures within its jurisdiction. The CBC is based on the International Building Code published by the International Code Conference. The CBC contains California amendments based on the American Society of Civil Engineers Minimum Design Standards 7-05. Expansive soils are addressed in CBC Chapter 18, Soils and Foundations.

Project adherence to existing regulatory requirements, which requires testing and structural design with respect to potentially expansive soils, would fulfill CBC requirements.

California Building Standards Code

The California Building Standards Code (CCR Title 24, Part 2, Chapters 18 and 18A) sets the requirements for general building design and construction. State regulations protecting structures from geo-seismic hazards are contained in the California Code of Regulations, Title 24, Part 2 (the CBC). The purpose of the CBC is to establish

minimum standards to safeguard the public health, safety, and general welfare through structural strength, means of egress facilities, and general stability by regulating and controlling the design, construction, quality of materials, use and occupancy, location, and maintenance of all buildings and structures within its jurisdiction. CBC provisions apply to the construction, alteration, movement, replacement, and demolition of every building or structure, or any appurtenances connected or attached to such buildings or structures throughout California.

Project adherence to existing regulatory requirements would fulfill CBC requirements.

3.11.5.3 Local

Santa Cruz County Code of Ordinances

The Santa Cruz County Code of Ordinances (County of Santa Cruz 2025), Chapter 7.79 –Runoff and Pollution Control, sets requirements for stormwater and runoff pollution control during construction activities. Chapter 16.20 – Grading Regulations (Effective Outside Coastal Zone), chapter 16.22 – Erosion Control (Effective Outside Coastal Zone), and Appendix J – Grading, establishes standards for grading, excavation, and earthwork construction, water quality, and the control of runoff from graded sites, including erosion sediments and construction-related pollutants, and plan and permit requirements for development projects within unincorporated Santa Cruz County.

Project grading and construction would comply with Santa Cruz County erosion and sediment control ordinances with respect to erosion control during grading and construction through compliance with the Building and Grading Permit requirements. Project grading and construction would also comply with NPDES Construction General Permit, and operational stormwater drainage control features would comply with Santa Cruz County stormwater requirements.

Santa Cruz County Code Chapter 7.79 Runoff and Pollution Control

Chapter 7.79 of the Santa Cruz County Code addresses runoff and pollution control to comply with the Phase II Municipal General Permit and protect the health, safety, and welfare of the public by protecting the surface and groundwater quality, groundwater recharge, beneficial uses, marine habitats, watershed health, and ecosystems of the receiving waters of the county, including the Monterey Bay, from discharge of pollutants and the adverse effects of hydromodification, and to comply with Federal and state laws concerning stormwater. This chapter requires compliance with industrial and construction NPDES discharge permits, where relevant. Additionally, prior to issuing a County permit under Title 16, Environmental and Resource Protection, a stormwater pollution control plan must be prepared addressing the use of BMPs during construction, including appropriate BMPs from the County Construction Site Stormwater Pollution Control BMP Manual. New development and redevelopment shall also mitigate impacts due to development and implement BMPs per the County Design Criteria. These BMPs include measures to control the volume, runoff rate, and potential pollutant load of stormwater runoff from new development and redevelopment projects; to minimize the generation, transport, and discharge of pollutants; to prevent runoff in excess of predevelopment conditions; and to maintain predevelopment groundwater recharge.

Santa Cruz County Code 16.20, Grading and 16.22, Erosion Control

The County Grading Ordinance, adopted as Chapter 16.20 of the Santa Cruz County Code, sets forth rules and regulations to control all grading, including excavations, earthwork, road construction, dredging, diking, fills, and embankments. It also establishes administrative procedures for issuance of permits and provides for approval of grading plans and inspections. Grading permits require Planning Commission approval for grading in excess of 8,000 cubic yards, or for which an environmental impact report was prepared, or for grading in excess of 1,000 cubic yards

which is visible from a scenic corridor roadway. All other grading permits, including those for agricultural grading, must be approved by the Planning Director, pursuant to Section 16.20.040 and Section 16.20.195 of the Santa Cruz County Code, through a staff-level administrative process. Agricultural grading is defined as any grading which takes place on land designated for commercial agricultural use, as specified in Section 16.50.040; provided, however, that agricultural grading does not include any grading on such lands connected with the construction of access roads or building sites, except greenhouse sites.

It is noted that agricultural grading on less than 20% slopes, as well as vineyards and associated terracing (regardless of slope), does not require a regular grading permit and is instead subject to agricultural grading regulations. However, defined "specialized agricultural activities" such as greenhouses, indoor growing, aquaculture and any cannabis cultivation activities involving more than 100 cubic yards is not considered agricultural grading and requires a regular grading permit, and grading on 20% slopes or more also requires a regular grading permit (August 2018). Specialized agricultural activities also require a regular grading permit rather than a less-specific agricultural grading permit.

A proposed grading plan must be accompanied by an erosion control plan and erosion preventative measures, in accordance with the requirements of the County Erosion Control Ordinance of Santa Cruz County Code Chapter 16.22.

The project would adhere to all grading and erosion control consistent with the County Codes.

Santa Cruz County General Plan

The Santa Cruz County General Plan (County of Santa Cruz 2024) Agriculture, Natural Resources, and Conservation Element includes goals and policies that relate to Soils. The following goals and policies would apply to the proposed project:

Goal ARC-1 Sustaining Agriculture. Support the agricultural economy and protect agricultural lands for current and future generations, preserving commercial agricultural lands for agricultural use and allowing agricultural and other uses on agricultural lands that are not commercially viable.

Project design and construction would comply with the County's General Plan goal with respect to agricultural soils. As further discussed in Section 3.6, Land Use, the project has been sited within the area of the project site that contains poor quality soils as evidenced by poor plant vigor and loss of trees. In addition, future agricultural production on areas of the project site mapped Prime Farmland and with highly suitable soils (i.e., outside where the BESS facility would be located), Mitigation Measure LU-1 would require approximately 32 acres of land within the project parcel mapped as Prime Farmland would be preserved in perpetuity through an agricultural conservation easement. Further, at the end of the facility's useful life, the project would undergo decommissioning in accordance with then-applicable laws, ordinances, regulations, and standards. As part of the decommissioning activities, all site improvements that are no longer in use and cannot be repurposed would be removed from the project site, and the lands would be restored to a substantially similar condition in which they currently exist.

3.11.6 Agencies and Agency Contacts

Applicable permits and agency contacts for soils resources are shown in Table 3.11-3. Building and grading permits from Santa Cruz County would be superseded by the California Energy Commission approval of the project under the Opt-In Program.

Table 3.11-3. Permits and Agency Contacts for Soils Resources

Permit or Approval	Agency Contact	Applicability
NPDES Construction General Permit	Central Coast Regional Water Quality Control Board Documents submitted via SMARTS* 895 Aerovista Place, Suite 101 San Luis Obispo, California 93401 Arwen Wyatt-Mair 805.542.4695 arwen.wyattmair@waterboard.ca.gov	Grading and erosion control
Santa Cruz County Building Permit*	Santa Cruz County Community Development and Infrastructure Environmental Planning 701 Ocean Street, 4th Floor Santa Cruz, California 95060 Matt Machado, Director EnvironmentalPlanningInfo@santacruzcountyca.gov 831.454.2260 Plans submitted through SCC ePlan Review at: http://scceplanreview.santacruzcounty.us/	Building and Grading Permits, including erosion control approvals

Notes: NPDES = National Pollutant Discharge Elimination System; SMARTS = Stormwater Multiple Application and Report Tracking System.
* Building and grading permits from Santa Cruz County would be superseded by California Energy Commission approval of the project under the opt-in program.

3.11.7 Permits and Permit Schedule

The NPDES permit is evaluated in Section 3.15, Water Resources.

3.11.8 References

EBI Consulting. 2025. Phase I Environmental Site Assessment. EBI Project #009807-P, Proposed Battery Energy Storage, 90 Minto Road, Watsonville, CA 95076. December 2025.

County of Santa Cruz. 2024. County of Santa Cruz General Plan. Accessed December 10, 2025. https://cdi.santacruzcountyca.gov/Planning/PolicyPlanning/General,TownVillagePlans.aspx.

County of Santa Cruz. 2025. Santa Cruz County Code. Accessed December 10, 2025. https://www.codepublishing.com/CA/SantaCruzCounty/.

USDA (U.S. Department of Agriculture). 2025a. Web Soil Survey. USDA Natural Resources Conservation Service, Soil Survey Staff. Accessed October 23, 2025. https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx.

USDA 2025b. U.S. Land Use and Soil Classification. Accessed October 23, 2025. https://www.ars.usda.gov/ARSUserFiles/np215/Food%20security%20talk%20inputs%20Lunch%203-15-11.pdf.

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SOURCE: USDA 2025; Maxar 2024; Open Street Map 2023

DUDEK

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FIGURE 3.11-1

Soils

Seahawk Battery Energy Storage System Project

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3.12 Traffic and Transportation

This section discusses the potential effects on traffic and transportation from the Seahawk Battery Energy Storage System Project (project). The project would consist of a 200-megawatt battery energy storage system facility utilizing lithium-iron phosphate batteries installed in racks inside of prefabricated energy storage containers. The project components would include an operations and maintenance (O&M) building, an on-site collector substation, a fire protection system, a noise mitigation wall, and Supervisory Control and Data Acquisition. The project would interconnect from the on-site collector substation to the adjacent Pacific Gas and Electric Company (PG&E) Green Valley Substation via a 115-kilovolt generation interconnection (gen-tie) transmission line. The line would be installed underground from the project substation to the Point of Change of Ownership at an overhead riser pole on the PG&E parcel, and an overhead line would connect to the Point of Interconnection at the PG&E Green Valley Substation.

This evaluation of traffic and transportation includes the following elements:

- Section 3.12.1 describes nearby transportation facilities that might be affected by the project, including roads, pedestrian and bicycle facilities, public transportation, air, and rail.
- Section 3.12.2 presents the impact analysis.
- Section 3.12.3 presents the cumulative impacts of the project with respect to traffic and transportation.
- Section 3.12.4 presents the mitigation measures.
- Section 3.12.5 describes the laws, ordinances, regulations, and standards (LORS) applicable to traffic and transportation for the project.
- Section 3.12.6 presents the agencies that have jurisdiction over traffic and transportation and specifies the relevant agency contacts.
- Section 3.12.7 describes the permits required for traffic and transportation and a schedule for obtaining the permits.
- Section 3.12.8 provides the references used to prepare this section.

A summary of the traffic and transportation evaluation is provided in the table below.

		Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:					
1	Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	☐	☐	☒	☐
2	Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?	☐	☐	☒	☐

		Potentially Significant Impact	Less than Significant Impact with Mitigation Incorporated	Less than Significant Impact	No Impact
3	Substantially increase hazards due to geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	☐	☐	☒	☐
4	Result in inadequate emergency access?	☐	☐	☒	☐
5	Result in potential impacts to an airport if the proposed project including any linear facility is to be located within four miles of an airport, a planned or proposed airport runway, or an airport runway under construction?	☐	☐	☐	☒
6	Exceed current and projected roadway and intersection level of service before project development, during construction, and during project operation?	☐	☐	☒	☐
7	Result in significantly increased hazards associated with project related hazardous materials to be transported to or from the project site?	☐	☐	☒	☐

3.12.1 Affected Environment

The project site is in unincorporated Santa Cruz County (County), California, approximately 1 mile north of the City of Watsonville and east of the intersection of Minto Road and Green Valley Road. Regional access to the project site is provided primarily by State Route (SR) 1 and SR-152 (Main Street) to the south and east of the project site. The local street system serving the site includes Green Valley Road, Holohan Road, Airport Boulevard, and Minto Road. Figure 3.12-1, Project Site Location, illustrates the local street system serving the project site. A description of the roads serving the site is provided below. The gen-tie route (approximately 0.21 miles in length) would extend from the project substation, cross Minto Road, then continue parallel to the existing Minto Road right-of-way. The gen-tie would then route northwest and continue parallel to the boundaries of the Green Valley Substation until turning east to reach the Point of Interconnection at the PG&E Green Valley Substation.

Access to the project site would be provided via Minto Road to the west of the project site. A 20-foot-wide gravel access road would be constructed from the entrance on Minto Road, throughout the battery energy storage system facility, and to the project substation. The access road would also provide access to up to two temporary construction laydown areas for equipment and material staging, storage, and worker parking during construction. The laydown areas would be located in the western portion of the project site. The gen-tie corridor and its construction laydown area would be adjacent to a portion of the Minto Road right-of-way and would be accessible via Minto Road.

3.12.1.1 Roadways

Characteristics of the existing street system in the project vicinity are described below. Figure 3.12-2 presents the County's existing and planned street typologies (County of Santa Cruz 2024a).

SR-1, near the project site, is a north–south four-lane divided highway south of the project site. SR-1 provides regional access to the project site and is a major connection through Watsonville and the region. Access to and from SR-1 is provided via Airport Boulevard and SR-152.

SR-152 is an east–west, generally two-lane highway that extends over 100 miles from SR-99 in the City of Merced to Watsonville. In Watsonville, SR-152 integrates with the local roadway network and, in the Downtown area, becomes Main Street. Within the unincorporated County lands, SR-152 follows the Santa Cruz Mountains toward the City of Gilroy, where it connects to US 101.

Green Valley Road, in the project vicinity, is a north–south two- to four-lane divided road providing access through the northern part of Watsonville and unincorporated County lands. Class II bikes lanes (on-street painted lanes) are provided on Green Valley Road between Harkins Slough Road to the south and the Watsonville City limits at Holohan Road to the north. Green Valley Road is a designated rural connector in the County's General Plan.

Holohan Road is an east–west two-lane road that runs along the northern Watsonville City limits and adjacent to the Watsonville Municipal Airport. Holohan Road is a designated rural connector in the County's General Plan. There is an existing bike lane on Holohan Road between approximately SR-152 and Green Valley Road. Holohan Road becomes Airport Boulevard west of Green Valley Road.

Airport Boulevard is a north–south two- to four-lane road that runs along the western Watsonville City limits. It provides direct access to SR-1. Airport Boulevard has Class II bike lanes along its entire length. Airport Boulevard becomes Holohan Road east of Green Valley Road.

Minto Road is a two-lane residential street with sidewalks provided on the north side of the road. Minto Road provides direct access to the Green Valley Substation and the project site. East of Meidl Avenue, Minto Road becomes a narrow road, with no sidewalks.

3.12.1.2 Pedestrian and Bicycle Facilities

Sidewalks are provided intermittently within the project vicinity. There are sidewalks along the majority of Green Valley Road south of Holohan Road and, intermittently, north of Holohan Road. Sidewalks are also located along the north side of Minto Road. Class II bike lanes are located on Airport Boulevard, Green Valley Road, and Holohan Road. Figure 3.12-3 presents the existing and planned bicycles facilities in the area.

3.12.1.3 Public Transportation

Transit service in the project area is provided by the Santa Cruz Metropolitan Transit District. Route 1 operates along Airport Boulevard and SR-1, near the project site. Routes 72, 72W, 74S, 75, and 78 operate along Green Valley Road near the project site (Metro 2025). Figure 3.12-4 presents the existing transit facilities in the area, and a description of the transit service is provided below.

Route 1 provides service between downtown Santa Cruz, Soquel, Capitola, Cabrillo College, the Watsonville Municipal Airport, and the Watsonville Transit Center. The route operates on weekdays from 5:40 a.m. to

approximately 12:52 a.m. with approximately 20-minute headways and on weekends from 7:00 a.m. to 12:49 a.m. with approximately 20-minute headways. The nearest bus stop is located near the intersection of Green Valley Road and Airport Boulevard, approximately 1 mile northwest of the project site.

Routes 72 and 72W provide service between the Watsonville Transit Center, the Watsonville Square Shopping Center, Amesti/Pinto Lake, and the Freedom Centre. Route 72 operates on weekdays only, from 6:30 a.m. to approximately 7:00 p.m. with approximately 60-minute headways. Route 72W operates on weekends only, from 10:00 a.m. to 6:30 p.m. with approximately 2-hour headways. The 72W weekend route also serves Corralitos. The nearest bus stop is located near the intersection of Green Valley Road and Minto Road, approximately 0.35 miles west of the project site.

Route 74S provides service between the Watsonville Transit Center, Pajaro Valley High School, the Watsonville Square Shopping Center, the Watsonville Hospital, and the Watsonville Municipal Airport. The route operates twice per weekday (one in the morning beginning at 7:30 a.m. and one in the evening beginning at 3:55 p.m.). There is no service during the weekends. The nearest bus stop is located near the intersection of Green Valley Road and Airport Boulevard, approximately 1 mile northwest of the project site.

Route 75 provides service between the Watsonville Transit Center, the Watsonville Square Shopping Center, the Freedom Centre, and Wheelock. The route operates on weekdays from 5:00 a.m. to approximately 7:00 p.m. with approximately 60-minute headways and on weekends from 6:00 a.m. to approximately 7:00 p.m. with 60-minute headways. The nearest bus stop is located near the intersection of Green Valley Road and Minto Road, approximately 0.35 miles west of the project site.

Route 78 provides service between the Watsonville Transit Center, Ohlone, the Watsonville Hospital, and the Freedom Centre. The route operates on weekdays from 5:50 a.m. to approximately 6:40 p.m. with approximately 60-minute headways and on weekends from 6:50 a.m. to approximately 6:30 p.m. with 60-minute headways. The nearest bus stop is located near the intersection of Green Valley Road and Airport Boulevard, approximately 1 mile northwest of the project site.

3.12.1.4 Air Traffic

The Watsonville Municipal Airport is located approximately 1.5 miles southwest of the project site and is the only airport in the County. The Watsonville Municipal Airport is a Regional General Aviation airport owned by the City of Watsonville and serves the business aviation requirements and recreational facilities of Watsonville, Santa Cruz County, and the Monterey Bay Area. The airport is home to 285 aircraft and is used extensively by various businesses and specifically the agri-business community. The two runways accommodate over 60,000 operations per year including an estimated 5,000 instrument approaches (City of Watsonville 2025).

3.12.1.5 Truck Routes–Weight and Load Limitations

The California Department of Transportation (Caltrans) maintains a map of truck networks on California state highways. District 5 includes the County, where the project is located. Trucks would use SR-1 and SR-152 to reach the project. County guidelines also allow for trucks to use Green Valley Road to reach the project. There are no weight limitations on Green Valley Road.

3.12.1.6 Rail

There are no rail facilities in the vicinity of the project site.

3.12.1.7 Vehicle Miles Traveled

On September 27, 2013, Senate Bill (SB) 743 was signed into law, which created a process to change the way that transportation impacts are analyzed under the California Environmental Quality Act (CEQA). SB 743 required the Governor's Office of Planning and Research (OPR)[1] to amend the CEQA Guidelines to provide an alternative to level of service (LOS) for evaluating transportation impacts. Under the new transportation guidelines, LOS, or vehicle delay, is no longer considered an environmental impact under CEQA. OPR recommended vehicle miles traveled (VMT) as the most appropriate measure of project transportation impacts for land use projects and land use plans. VMT is a metric measuring the total distance covered by all vehicles in a specific area over a set period, often 1 year. The OPR has clarified in its Technical Advisory that heavy-duty truck VMT is not required to be included in the estimation of a project's VMT; the advisory defines VMT as "the amount and distance of automobile travel attributable to a project" (OPR 2018). "Automobile" refers to on-road passenger vehicles, specifically cars and light trucks.

For land use projects, the VMT efficiency metrics (i.e., workers or residents) and appropriate method of estimation are used based on the predominant use. The County uses the County of Santa Cruz Travel Demand Model to estimate the average baseline VMT for the County. The baseline VMT per employee for the County is 9.9 daily VMT per employee (County of Santa Cruz 2025a).

3.12.2 Impact Analysis

The following sections discuss the potential direct and indirect impacts related to traffic and transportation from construction and operation of the project. The analysis was prepared based on a review of the SB 743 Implementation Guidelines for the County of Santa Cruz (County of Santa Cruz 2025a) and the County's Access and Mobility Element (County of Santa Cruz 2024a), which contains local LOS and other transportation-related policies and plans.

3.12.2.1 Methodology

Vehicle Miles Traveled Screening, Analysis, and Impact Criteria

In accordance with SB 743 and the updated CEQA Guidelines, the County has adopted guidelines, screening criteria, and thresholds to address potential impacts to VMT. Per the SB 743 Implementation Guidelines for the County of Santa Cruz (County of Santa Cruz 2025a) and the OPR Technical Advisory, certain types of projects are presumed to have a less-than-significant impact and a numerical VMT analysis is not required (OPR 2018). If the project does not meet the applicable screening criteria, then further analysis is required to evaluate potential transportation impacts, as further described below.

Most land use and transportation projects have two phases: construction and operation. There is no significance threshold for construction. The guidance from the OPR and the County does not require a VMT analysis for construction projects or the construction phases of projects because the VMT generated by construction would be

[1] Effective July 1, 2024, the Governor's Office of Planning and Research was renamed the Governor's Office of Land Use and Climate Innovation.

short term and temporary. As previously noted, per OPR's 2018 Technical Advisory Guidance a quantitative VMT analysis for truck traffic (i.e., heavy-duty trucks) is not required per SB 743.

The County's screening criteria for land use projects or non-retail projects were used to determine whether long-term operation of the project can be screened out of conducting a detailed VMT analysis (County of Santa Cruz 2025a). The following VMT screening criteria are used by the County for non-retail projects (which includes residential, office, manufacturing, or industrial land uses):

- Projects that generate 110 or fewer daily trips[2]
- Projects that are located within 0.5 miles of either an existing major transit stop[3] or a stop along an existing high-quality transit corridor[4]

If a project meets either of the above-mentioned criteria, it can be screened out of VMT analysis and presumed to result in less than significant impacts. The County's guidelines provide four impact criteria that may be selected as thresholds for determining significance (County of Santa Cruz 2025a). The impact criteria are as follows:

- **Residential Projects:** The project's residential VMT per capita would not be 16.8% below the existing residential VMT per capita for the Baseline Area.
- **Office Projects:** The project's employment VMT per employee would not be 16.8% below the existing employment VMT per employee for the Baseline Area.
- **Regional Serving Retail Projects**: The project would result in a net increase in existing total VMT.
- **Land Use Plans:** The plan total VMT per service population (residents and employees) would not be 16.8% below the existing VMT per service population for the Baseline Area.

Because there are no thresholds for the construction (and decommissioning) phase of any project, a detailed, quantitative VMT analysis per SB 743 is generally not required for the construction (and decommissioning) phase of a project. Therefore, CEQA Guidelines Section 15064.3(b)(3), Qualitative Analysis, has been used for the construction phase of the project. Additionally, the project's air quality analysis provides a detailed construction phase analysis of the project's trips and VMT. See Section 3.1, Air Quality and Greenhouse Gases, for more information. The VMT generated by the operation of the proposed project would be fewer than 110 average daily trips, and hence the project would be screened out using the County's Guidelines.

2 Technical Advisory, p. 12 (OPR 2018): "CEQA provides a categorical exemption for existing facilities, including additions to existing structures of up to 10,000 square feet, so long as the project is in an area where public infrastructure is available to allow for maximum planned development and the project is not in an environmentally sensitive area. (CEQA Guidelines, Section 15301, subd. (e)(2).) Typical project types for which trip generation increases relatively linearly with building footprint (i.e., general office building, single tenant office building, office park, and business park) generate or attract an additional 110-124 trips per 10,000 square feet. Therefore, absent substantial evidence otherwise, it is reasonable to conclude that the addition of 110 or fewer trips could be considered not to lead to a significant impact."

3 California Public Resources Code, Section 21064.3: "'Major transit stop' means a site containing an existing rail transit station, a ferry terminal served by either a bus or rail transit service, or the intersection of two or more major bus routes with a frequency of service interval of 15 minutes or less during the morning and afternoon peak commute periods."

4 California Public Resources Code, Section 21155: "For purposes of this section, a high-quality transit corridor means a corridor with fixed route bus service with service intervals no longer than 15 minutes during peak commute hours." (This interval for headways for major transit stops was recently amended from 15 to 20 minutes per Assembly Bill 2553.)

Traffic Operations/Site Access Assessment

To comply with the County's General Plan Access and Mobility Element LOS policies, an intersection and roadway segment LOS analysis was conducted for the peak period of construction activities. The study locations, analysis scenarios, traffic volumes, and LOS methodology and impact criteria are presented in the following section.

Study Intersections and Roadway Segments

Based on the assumed project trip distribution, the following intersections were selected for analysis:

1. Green Valley Road/Minto Road
2. Green Valley Road/Holohan Road

In addition, the following road segments were selected for analysis:

1. Green Valley Road, between Holohan Road and Minto Road
2. Minto Road, between Green Valley Road and the project site

Traffic Volumes

Daily and AM and PM peak hour turning movement counts were collected at the study intersections and roadway segments in October 2025. The raw traffic data are provided in Appendix 3.12A. Traffic counts were adjusted to passenger car equivalents (PCEs) to reflect truck traffic according to the following industry standards:

- Light-duty trucks (2-axle): 1.5 PCE
- Medium-duty trucks (3-axle): 2.0 PCE
- Heavy-duty trucks (4+-axle): 3.0 PCE

Analysis Methodology

LOS is commonly used as a qualitative description of intersection operations and roadway segments and is based on the design capacity of the intersection configuration and roadway facility, compared to the volume of traffic using the facility. The County's intersection evaluation methodology for assessing transportation impacts and traffic operating conditions for intersections is based on the latest version of the Highway Capacity Manual (HCM) methodology (National Academies of Sciences, Engineering, and Medicine 2022).

The HCM analysis methodology describes the operation of an intersection using a range of LOS from LOS A (free-flow conditions) to LOS F (severely congested conditions), based on the corresponding control delay experienced per vehicle based on the worst turning movement for unsignalized intersections.

Synchro version 12 software was used to determine intersection LOS (for all scenarios), consistent with HCM 7 methodologies. Detailed LOS calculation worksheets (for all scenarios) are included in Appendix 3.12A. Table 3.12-1 shows the LOS values by delay ranges for unsignalized intersections under the HCM methodology.

Table 3.12-1. Levels of Service for Intersections using HCM Methodology

Level of Service	Unsignalized Intersections Control Delay (in seconds per vehicle)	Signalized Intersections Control Delay (in seconds per vehicle)
A	< 10.0	< 10.0
B	> 10.0 to < 15.0	> 10.0 to < 20.0
C	> 15.0 to < 25.0	> 20.0 to < 35.0
D	> 25.0 to < 35.0	> 35.0 to < 55.0
E	> 35.0 to < 50.0	> 55.0 to < 80.0
F	> 50.0	> 80.0

Source: HCM 7 (Transportation Research Board 2022).

County of Santa Cruz Criteria

The County focuses on a quantitative evaluation of the project's expected access and circulation operations. Project access is considered constrained if the project's traffic would contribute to unacceptable queuing at nearby signalized intersections. Unacceptable or extended queuing may be defined as follows:

- Spill over from turn pockets into through lanes
- Spill over into intersections

Santa Cruz County General Plan, Section AM-6.2 denotes LOS standards within the County. The standards are noted below (County of Santa Cruz 2024a):

> Objective AM-6.2 Level of Service. To design new development to minimize congestion, thereby increasing the efficiency of the transportation system.
>
> Policy AM-6.2.1 Level of Service Criteria. Require development projects to provide multimodal roadway improvements necessary to achieve a minimum level of service (LOS) of "D," except for those where a lesser LOS has been accepted by the County pursuant to the criteria specifically identified in Table 3-2. When development is proposed on roads where a LOS E or F standard has been accepted, require feasible mitigation in the form of road improvements, a fair share contribution to a road improvement program, or other in-lieu mitigation for the transportation system.

Additionally, activities associated with project construction and major in-street construction may need to evaluate the following (County of Santa Cruz 2024a):

- For projects that require construction activities to take place within the right-of-way of a highway, would it be necessary to close any temporary lanes, alleys, or streets for more than 1 day (including day and evening hours, and overnight closures if on a residential street)?
- For projects that require construction activities to take place within the right-of-way of a local street, would it be necessary to temporarily close any lanes, alleys, or streets for more than seven days (including day and evening hours, and including overnight closures if on a residential street)?
- Would in-street construction activities result in the loss of any vehicle, bicycle, or pedestrian access, including loss of existing bicycle parking to an existing land use for more than 1 day, including day and evening hours and overnight closures if access is lost to residential units?

- Would in-street construction activities result in the loss of any ADA access to an existing transit station, stop, or facility (e.g., layover zone)?
- Would in-street construction activities restrict access to any bus stops for more than 1 day, or necessitate any rerouting of a bus route?
- Would construction of a project interfere with pedestrian, bicycle, transit, or vehicle circulation and accessibility to adjoining areas?

3.12.2.2 Impact Evaluation Criteria

The potential for impacts to traffic and transportation was evaluated using the criteria described in the CEQA Environmental Checklist (Appendix G of the CEQA Guidelines). Specific to traffic and transportation, the CEQA Checklist asks, in part, whether the project would:

- Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities.
- Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b).
- Substantially increase hazards due to geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).
- Result in inadequate emergency access.

In addition, Appendix B of the California Energy Commission's Siting Regulations (20 CCR Division 2, Chapter 5) require evaluation of the following:

- Potential impacts to an airport if the proposed project including any linear facility is to be located within four miles of an airport, a planned or proposed airport runway, or an airport runway under construction.
- Current and projected roadway and intersection level of service before project development, during construction, and during project operation.
- Project-related hazardous materials to be transported to or from the project site during construction and operation.

Although CEQA no longer requires an analysis of vehicular delay, an LOS analysis is included under Section 3.12.3 to comply with the California Energy Commission requirements for opt-in applications (20 CCR 1704, Appendix B).

Project Trip Generation

A project's potential traffic and transportation related impacts are based on the project's trip generation. Therefore, a detailed discussion of the project's construction and operational phase trip generation is provided in this section. Construction-related trip generation for the proposed project is primarily based on the number of construction employees or workers, as well as the estimated quantity of material and equipment to be delivered by truck provided by the applicant and used in the proposed project's air quality analysis (see Section 3.1). Operational trip generation is based on the number of permanent employees and frequency of maintenance activities.

Construction Trip Generation

Trip generation estimates for construction projects are based on average or peak number of workers and trucks that would be required for the proposed construction activities. Construction traffic includes the number of workers

and the amount of truck traffic that would be generated to and from the site daily and during the AM and PM peak commuting hours. The maximum number of construction-related trips is expected to occur over a series of construction phases that would overlap or occur concurrently. Therefore, the overall peak construction period was used to calculate the estimated trip generation for the project.

Construction of the project is anticipated to begin in June 2027 and last approximately 12–18 months, concluding in November 2028. The commercial operation date is expected shortly following the completion of testing and commissioning in June 2029. There are 10 construction phases and 1 decommissioning phase that each have representative start and end dates, with some overlapping days of construction. Construction activities, schedule, and an estimate of related worker and truck trips for the construction and decommissioning phases of the proposed project are shown in Table 3.12-2.

Decommissioning

Per current industry standards, the project has an operational life of 30–35 years. Transportation impacts of decommissioning at the end of the project's operational life are expected to be similar to impacts from construction outlined above. However, traffic volumes within the project vicinity cannot be projected that far in the future, and as such, a specific analysis and outcome of impacts attributed to decommissioning activities cannot be determined at this time. A decommissioning plan would be required to be prepared for the project, which would be updated immediately prior to decommissioning. The decommissioning plan would include measures specific to transportation impacts of decommissioning, if necessary. See Section 2.6, Decommissioning, for a discussion of decommissioning. The project's Decommissioning Plan can be found in Appendix 2G.

Table 3.12-2. Phasing and Schedule – Construction and Decommissioning

No.	Phase	Start	End	Average Daily Trips			Total Trips	Total Trips (PCE)
				Workers	Vendor Trucks	Haul Trucks		
Construction								
1	Site Preparation	6/1/2027	7/1/2027	40	4	0	44	48
2	Substation Site Preparation	7/2/2027	7/16/2027	40	4	0	44	48
3	Civil Work and Grading	7/2/2027	7/30/2027	40	4	0	44	48
4	Substation Civil Work and Grading	7/31/2027	8/14/2027	40	4	0	44	48
5	Battery Enclosure/Power Conversion System Installation	7/31/2027	11/30/2028	40	20	2	62	86
6	Substation Installation	8/15/2027	4/15/2028	40	20	0	60	80
7	Gen-Tie Foundations and Tower Erection*	4/16/2028	6/16/2028	10	4	0	14	18
8	Gen-Tie Stringing and Pulling*	6/16/2028	7/17/2028	8	4	0	12	16
9	Testing and Commissioning	12/1/2028	6/1/2029	160	0	0	160	160
10	Decommissioning	5/31/2064	12/31/2064	40	4	2	46	54

Notes: PCE = Passenger car equivalent.
* PG&E interconnection facility upgrades would occur as part of these phases.

Construction of the project would occur over an approximately 12–18-month period anticipated to start in 2027. This overall peak construction period was used to calculate the estimated trip generation for the project. Trip generation estimates for the peak construction period include the number of workers and the amount of truck traffic that would be generated to and from the site daily and during the AM and PM peak commuting hours.

Generally, construction work schedules are expected to be up to 10 hours per day Monday through Friday, excluding weekends and federal holidays. Typically, the workday would consist of one shift beginning as early as 7:00 a.m. and ending as late as 6:00 p.m. To provide a conservative analysis, all construction workers were assumed to arrive at the site during the AM peak period (7:00 a.m. to 9:00 a.m.) and all workers were assumed to depart the site during the PM peak period (4:00 p.m. to 6:00 p.m.). Truck deliveries are typically sporadic throughout the workday; therefore, truck arrivals and departures were assumed to be distributed evenly over the course of a 10-hour workday.

The trip generation estimates during the peak construction period for the project are summarized in Table 3.12-3. To account for the impact that construction-related trucks may have compared to construction worker passenger vehicles, PCE factors were applied to the trip generation estimates. PCEs are used to convert mixed traffic streams (containing of various vehicle types, like trucks and buses alongside passenger cars) into an equivalent stream of passenger cars for capacity analysis and traffic modeling.

Table 3.12-3. Peak Construction Trip Generation Estimates

Vehicle Type	Daily Quantity		Daily	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
Non-PCE Adjusted Trip Generation									
Construction Workers	40	workers	80	40	0	40	0	40	40
Vendor Trucks	20	trucks	40	3	3	6	3	3	6
Haul Trucks	1	trucks	2	1	0	1	1	0	1
Total Trip Generation (Non-PCE)			**122**	**44**	**3**	**47**	**4**	**43**	**47**
PCE Adjusted Trip Generation									
Construction Workers	40	workers	80	40	0	40	0	40	40
Vendor Trucks	20	trucks	80	6	6	12	6	6	12
Haul Trucks	1	trucks	6	3	0	3	3	0	3
Total Trip Generation (PCE)			**166**	**49**	**6**	**55**	**9**	**46**	**55**

Notes: PCE = Passenger car equivalent.
Conservatively assumes all construction workers arrive in the AM peak hour and depart the site in the PM peak hour.
Vendor and haul trucks are assumed to arrive and depart the site evenly throughout the workday.

A 2.0 PCE factor was applied to vendor trucks and a 3.0 PCE factor was applied to haul trucks.

As shown in Table 3.12-3, the peak period of construction would generate approximately 122 daily trips, 47 AM peak hour trips, and 47 PM peak hour trips. With the PCE factors applied, the peak period of construction for the project would generate approximately 166 daily PCE trips, 55 AM peak hour PCE trips and 55 PM peak hour PCE trips.

For all other phases of construction, the amount of vehicular traffic is estimated to be less than the peak period. All construction-related traffic would be temporary and short term and would end upon completion of the project.

Operation Trip Generation

Once constructed, the facility would be remotely monitored and operated but would require up to eight O&M workers to visit the facility on an approximately weekly basis during operation. It is assumed there would be an average of two trips per employee occurring once per week (16 trips per week). Because the operational trips would be less than 110 daily trips, the operation of the project would not warrant a detailed transportation analysis per the County's Guidelines.

Project Trip Distribution

Project-related construction traffic was distributed on the local and regional roadway network based on logical travel paths to and from the project site. It is estimated that the majority of construction workers would come from the City of Santa Cruz to the west or from the Cities of Hollister, Salinas, or Gilroy to the east. Truck trips would come from the City of Salinas. All the project's trips would traverse Green Valley Road northbound from SR-1 or SR-152 to reach the project site. Project trip distribution percentages are shown in Figures 3.12-5 and 3.12-6 for passenger vehicle and truck trips, respectively.

Project trips were assigned to the intersections in the project vicinity by applying the above-referenced project trip generation estimates to the trip distribution percentages at each study intersection. The project trip assignments are shown in Figures 3.12-7, 3.12-8, and 3.12-9 for passenger vehicle, truck, and total trip assignments, respectively.

3.12.2.3 California Environmental Quality Act Appendix G/California Energy Commission Appendix B Assessment Criteria

The following sections present the potential effects from the construction and operation of the proposed project on transportation resources utilizing the criteria described in Appendix G of the CEQA Guidelines and addressing the informational requirements of Appendix B of the California Energy Commission's Siting Regulations.

Criterion 3.12-1 Would the project conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Less than Significant. A detailed discussion of applicable plans and policies is provided under Section 3.12.5, Laws, Ordinances, Regulations, and Standards. The project would not impede the implementation of any plans or policies regarding proposed transit, roadway, bicycle, or pedestrian facilities.

Construction of the project would generate temporary trips for a period of 12–18 months in the project vicinity. The effect of construction traffic has been evaluated at the traffic intersections and roadway segments in the project vicinity, and results are provided under Criterion 3.12-6. Construction of the proposed project would not result in a permanent change to the existing or planned circulation system near the project site. The majority of the construction activities would occur on site and would not affect the public right-of-way. The proposed project would implement **Mitigation Measure (MM) TRAF-1, Construction Traffic Management Plan,** to minimize impacts, which includes measures such as staggering work shifts to reduce peak periods of congestion, scheduling truck deliveries outside of peak hours, using flaggers in the event of a partial lane closure along Minto Road, and ensuring adequate parking is provided on site, among other measures.

The permanent operations and management of the project would be monitored remotely via a Supervisory Control and Data Acquisition system and would require up to eight O&M workers to visit the facility on an approximately weekly basis. The trips associated with the permanent employees commuting to the site, visitors, and/or light deliveries would be nominal (up to 16 trips occurring per week) and thus would not pose an impact to the circulation system.

As such, the project would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities, and impacts would be less than significant.

Criterion 3.12-2 Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

Construction VMT

Less than Significant. For the purposes of this application, a qualitative analysis of construction VMT has been prepared. Vehicle-trip generation (for workers and trucks) as a result of project construction has been summarized in Tables 3.12-2 and 3.12-3. Based on the peak construction trip generation estimates, construction of the project would generate approximately 80 non-PCE daily vehicle trips, which is fewer than the significance standard of 110 daily trips as outlined in both the OPR guidelines and the County Guidelines. Therefore, construction of the proposed project would not conflict or be inconsistent with CEQA Guidelines Sections 15064.3(b)(1) and 15064.3(b)(3), and impacts would be less than significant.

Operations and Maintenance Vehicle Miles Traveled

Less than Significant. As shown in the screening analysis below, the long-term operation of the project would be screened out using the criteria noted below and therefore would not require further VMT analysis under the County's TIA Guidelines. The County's TIA Guidelines suggest that nonretail projects may screen out of VMT impacts using a variety of factors such as low weekday daily trip generation, proximity to an existing major transit stop or a stop along an existing high quality transit corridor, map base screening, or 100% affordable housing. The following criterion has been used in screening the project's VMT, consistent with the County's TIA Guidelines for SB 743 compliance (Santa Cruz County 2025a):

Non-Retail Project Trip Generation Screening: If a development project generates a net increase of 110 or more daily vehicle trips, then further VMT analysis is required. Therefore, a project with less than 110 daily net trip generation would screen out of conducted further VMT analysis and a less than significant determination can be made.

During the O&M phase, approximately 8 workers or employees would be required to visit the facility on an approximately weekly basis. It is assumed there would be an average of two trips per employee occurring once per week (16 trips per week). Since the project would generate fewer than 110 daily trips, the project impacts due to operations would be less than significant. Therefore, a detailed VMT analysis is not required, and the operation of the proposed project would not conflict or be inconsistent with CEQA Guidelines Sections 15064.3(b). Impacts would be less than significant.

Criterion 3.12-3 Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less than Significant**.** The project would not include any new roadway design features, nor would it alter any existing geometric design features along any County streets. There would be no changes to the existing access or off-site circulation on County roads. As such, vehicles entering and exiting the project site would be able to do so safely at the project driveway, from Minto Road, during construction and demolition of the project. Therefore, no sharp curves, dangerous intersections, or incompatible uses would be introduced by the project during construction and demolition activities. There would be no impacts associated with hazardous design features or incompatible land uses.

Once constructed, the proposed project would be designed to meet the current County roadway design standards.

Therefore, the project would not substantially increase hazards due to a geometric design feature or incompatible uses and impacts would be less than significant.

Criterion 3.12-4 Would the project result in inadequate emergency access?

Less than Significant. Emergency services within the County are provided by the Santa Cruz County Fire Department and Sheriff's Department, in cooperation with local agencies. Emergency access to the project would be through the project's primary access driveway on Minto Road. Proposed secondary access roads include three options that extend the on-site access to the south, along the project's south/southeastern boundaries. Options 1 and 2 would go through a County-owned property (Assessor's Parcel No. 051-101-59) to the south, currently operated by Parajo Valley Unified School District, along two different alignments to connect to Grimmer Road. Option 1 would extend through undeveloped land and a parking area to connect to the section of Grimmer Road that serves the County's parcel. Option 2 would extend from the project property through an existing parking area on the County's parcel to extend to Grimmer Road. Option 3 would extend southwest within Assessor's Parcel No. 051-101-78, cross into the southern adjoining parcel (Assessor's Parcel No. 051-101-53), continue southeast before turning west, then continue southeast and terminate where the Grimmer Road public right-of-way starts. The secondary access road would provide additional emergency access to the site and would only be used as-needed. Construction and operation of the project is not anticipated to require long-term road closures and would have no effect on the operations of emergency vehicles. During construction, through traffic and emergency access would be maintained at all times due to most of the construction occurring on the project site itself. Construction and operation of the proposed project would not result in inadequate emergency access and impacts would be less than significant.

Criterion 3.12-5 Would the project result in potential impacts to an airport if the proposed project including any linear facility is to be located within four miles of an airport, a planned or proposed airport runway, or an airport runway under construction.

No Impact. The project site, including the gen-tie line, is approximately 1.5 miles from the Watsonville Airport. The project is not expected to have any effect on the operations of any air facility nearby**.** The project site is within the Watsonville Airport Influence Area (AIA). However, the project site is outside of the mapped Noise Contours area and outside of the mapped Safety Compatibility Zones (County of Santa Cruz 2024b) and would not result in potential impacts to the airport. Maps of the existing AIA and safety zones are provided as Figures 3.12-10a and 3.12-10b, respectively. Further, a pre-screen of the project's tallest

potential component (up to 90-foot-tall gen-tie pole) as a worst-case scenario was performed using the Federal Aviation Administration's Obstruction Evaluation/Airport Airspace Analysis tool. Based on the pre-screening results, the project is not required to file notice with the Federal Aviation Administration (see Appendix 3.12B). No impact would occur.

Criterion 3.12-6 Would the project exceed current and projected roadway and intersection level of service before project development, during construction, and during project operation.

The study area for traffic analysis of the project was determined based on the location of the site along Green Valley Road and the route of construction traffic, as described in Section 3.12.2.1, Methodology. An analysis of the existing intersection and roadway operations, with and without the project traffic, is provided below.

Intersection LOS with Construction Traffic

Less than Significant. Existing intersection geometrics for intersections in the project vicinity are shown on Figure 3.12-11, and the weekday AM and PM peak hour volumes are shown on Figure 3.12-12. The existing plus project traffic volumes are shown on Figure 3.12-13.

Table 3.12-4 shows the results of the LOS analysis for intersections. All the study intersections are currently operating at satisfactory LOS (LOS D or better) under existing conditions and would continue to operate at satisfactory LOS during the peak period of construction traffic.

Table 3.12-4. Existing plus Project Weekday Peak Hour Intersection Level of Service Analysis

No.	Intersection	Traffic Control	Existing				Existing plus Project			
			AM Peak		PM Peak		AM Peak		PM Peak	
			Delay[1]	LOS	Delay[1]	LOS	Delay[1]	LOS	Delay[1]	LOS
1.	Green Valley Road/ Minto Road	Signal	16.9	B	20.8	C	17.1	B	21.6	C
2.	Green Valley Road/ Holohan Road	Signal	17.9	B	20.8	C	18.3	B	20.8	C

Notes: LOS = level of service.
[1] Delay in seconds per vehicle

Roadway LOS with Construction Traffic

Less than Significant. Table 3.12-5 shows the results of the roadway segment LOS analysis. As shown below, the roadway segments in the project vicinity are operating at an acceptable LOS under existing conditions and would continue to operate at satisfactory LOS during the peak period of construction traffic.

Table 3.12-5. Existing plus Project Roadway Segment Level of Service Analysis

No.	Segment	Lanes	Design Capacity	Existing			Existing plus Project		
				Volume	V/C	LOS	Volume	V/C	LOS
1	Green Valley Road between Holohan Road and Minto Road	2L Arterial	27,100	16,882	0.62	B	16,992	0.63	B
2	Minto Road between Green Valley Road and Project Site	1L Connector	16,100	2,059	0.13	A	2,169	0.13	A

Notes: V/C = volume to capacity ratio; LOS = level of service.
Roadway segment v/c ratios determined using Highway Capacity Manual, 7th Edition, generalized Daily Service Volumes (Transportation Research Board 2022).

In addition, Table 3.12-6 presents the existing and project-added average daily trips on the roadways near the site, including the percentage of truck trips. The project would result in a 0.65% increase in total daily traffic on Green Valley Road and a 5.07% increase in total daily traffic on Minto Road.

Table 3.12-6. Estimated Existing Project Construction Trips on Regional Roadways

Roadway	Existing AADT[1]	Total Project AADT/ Percentage Change	Existing Truck AADT[1]	Project Truck AADT/ Percentage Change
Green Valley Rd., between Holohan Rd. and Minto Rd.	16,882	110/0.65%	216	86/39.8%
Minto Rd., between Green Valley Rd. and the project site	2,059	110/5.07%	22	86/390.9%

Notes: AADT = annual average daily traffic.
[1] Volume provided from average daily traffic counts conducted in October 2025. Existing truck volumes estimated based on percentage of existing peak hour truck trips.

Construction traffic could cause a substantial increase in truck traffic on both Green Valley Road and Minto Road, compared to the existing daily truck traffic on these roads. There would be a 39.8% increase in truck traffic on Green Valley Road and 390.9% increase on Minto Road. However, this increase represents approximately six vendor trucks (12 PCE trips) during each hour and one haul truck (three PCE trips) during each hour, over the course of a 10-hour workday.

While the increase in truck traffic, particularly on Minto Road, could potentially cause degradation of traffic operation on this local road segment, construction activities would be temporary and would be managed through implementation of **MM-TRAF-1**, as further described in Section 3.12.4, Mitigation Measures. A traffic management plan would include measures such as timing worker arrivals and departures and material deliveries to avoid peak hours and using carpools to minimize the amount of construction-generated traffic. Implementation of **MM-TRAF-1** would reduce the impact of increased traffic on both roadways.

Operation

Less than Significant. The permanent O&M of the project would be monitored remotely via a Supervisory Control and Data Acquisition system and would require up to eight O&M workers to visit the facility on an approximately weekly basis. The trips associated with the permanent employees commuting to the site,

visitors, and/or light deliveries would be negligible compared to the existing daily traffic on the surrounding roads and intersections. Impacts would be less than significant.

Criterion 3.12-7 Would the project result in significantly increased hazards associated with Project related hazardous materials to be transported to or from the Project site?

Less than Significant. As noted in Section 3.5, Hazardous Material Handling, transportation of hazardous materials would be required once the project is operating. All transportation of hazardous materials would comply with the following agencies:

- U.S. Environmental Protection Agency
- Caltrans
- California Department of Toxic Substance Control
- California Highway Patrol (CHP)
- California State Fire Marshal

To manage and prevent potential impacts caused by transporting hazardous materials, contractors would adhere to these agencies' regulations. Materials would only be mobilized along approved transportation routes, thereby avoiding sensitive receptors to the extent practicable.

Division 13, Section 31303, of the California Vehicle Code (CVC) stipulates that the transportation of regulated substances and hazardous materials is required to be carried out via the most direct route, using state or interstate highways whenever possible. In accordance with this policy, subject to Caltrans approval, the recommended routes for delivery of regulated or hazardous materials would be via US 101, Interstate 5, SR-41, SR-152, and SR-1.

Table 3.12-7 provides a detailed summary of project-related hazardous materials to be transported to or from the project during construction and operation, including the types, estimated quantities, estimated total number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.

The project would also follow the transportation safety guidance provided by the manufacturer. The following safety measures are expected to be employed before and during transportation:

- Before transport, inspect the transport route in advance, particularly for obstructions, to ensure the vehicle can travel safely and smoothly along the route. Pre-transport route inspection should cover the following items: road conditions, height limits, actual heights, width limits, actual widths, weight limits, traffic restrictions, potential obstructions, and particularly vehicle weight limits on bridges. Do not transport the battery container when the temperature is below −30°C.
- The following conditions should be met for the transportation of battery container:
  - All cabinet doors are locked.
  - Select appropriate crane or lifting tool according to the site conditions. The lifting tool used shall have sufficient load bearing capacity, boom length and radius of rotation.
  - Additional traction may be required if battery containers need to be transported on slopes.
  - Remove all obstacles that exist or may exist on the way, such as tree branches, cables, etc.

- The battery container should be transported and moved under good weather conditions.
- Be sure to set up warning signs or warning areas to prevent non-staff from entering the lifting area to avoid accidents.
- The battery container must stand upright during transport.
- Lay the battery container down horizontally during transport. Ensure the tilt is ⩽15° during the whole transport process.
- Transport battery units at < 30% state of charge (SOC)
- If PACKs are transported separately, do not stack them in more than 4 layers.
- Avoid collision or strong shock during transport.
- For land transportation, it is recommended to give priority to the transportation vehicle equipped with "mushroom head" locking device; if the transportation vehicle does not have "mushroom head" locking device, the product needs to be fixed with ropes. Be sure to use ropes to secure the top and bottom of the product to the transportation vehicle so that the tilt angle is not too large during transportation, resulting in the product sliding and tipping.

With the implementation of the measures described above, the project would not result in significantly increased hazards associated with hazardous materials to be transported to or from the project site. Impacts would be less than significant.

Table 3.12-7. Transportation of Hazardous Materials

Hazardous Material	Typical Quantity	Estimated Total Number of Trips	Anticipated Route*	Means of Transportation	Transportation Hazards associated with Activity
Empty hazardous material containers	9 units	2 trips	From Watsonville via local roads to US 101, SR-41 to Kettleman Hills Facility	Truck	Risk of accident/spill during transport
Spent welding materials (welding rods, wire and grinding wheels, etc.)	More than 180 pounds	Construction equipment would remain on site and be refueled on site on a weekly basis during the construction period	From Watsonville via local roads to US 101, SR-41 to Kettleman Hills Facility	Truck	Risk of accident/ spill during transport
Waste oil (lubricating and insulating)	1,830 gallons	2 trips	From Watsonville via local roads to US 101, SR-41 to Kettleman Hills Facility	Truck	Risk of accident/ spill during transport
Waste oil filters	91 units	2 trips	From Watsonville via local roads to US 101, SR-41 to Kettleman Hills Facility	Truck	Risk of accident/ spill during transport
Oily rags, oil sorbent	183 units	2 trips	From Watsonville via local roads to US 101, SR-41 to Kettleman Hills Facility	Truck	Risk of accident/ spill during transport
Solvents, detergents, glycols, refrigerants, paint, and adhesives	9 gallons	2 trips	From Watsonville via local roads to US 101, SR-41 to Kettleman Hills Facility	Truck -	Risk of accident/ fire during transport
Spent lead–acid batteries and electrical fuses	<10 units	2 trips	From Watsonville via local roads to US 101, SR-41 to Kettleman Hills Facility	Truck	Risk of accident/ spill during transport

Notes: SR = State Route.

* Anticipated route. Except for the designated entry and on-site routing, the actual routing on public roads and state and federal highways would be determined by materials transporters, consistent with their licensing requirements and applicable laws, ordinances, regulations, and standards.

3.12.3 Cumulative Effects

The cumulative projects list included in the introduction to Chapter 3, Environmental Analysis, were reviewed to determine if any approved or pending projects in the vicinity would have the potential to add traffic to the intersection in the project vicinity (County of Santa Cruz 2025b). Based on a review of the projects and their respective proposed land uses, none of the projects were determined to add substantial traffic through the study intersections. Although the cumulative projects would not add substantial traffic to the study intersections, a growth rate of 0.6% per year has been applied to the existing traffic counts to account for background growth in the area through 2028. Therefore, this section presents the results of a cumulative condition analysis that was conducted for a short-term horizon year (2028) when the project is still under construction. The cumulative peak hour traffic volumes are shown in Figure 3.12-14 and the cumulative plus project traffic volumes are shown in Figure 3.12-15.

Cumulative Year (2028) Intersection Conditions

Less than Significant. Table 3.12-8 summarizes the results of the intersection analysis for the AM and PM peak hours for Cumulative Year (2028) conditions. All the study intersections are forecast to operate at satisfactory LOS (LOS D or better) under Cumulative Year conditions and would continue to operate at satisfactory LOS during the peak period of construction traffic.

Table 3.12-8. Cumulative (2028) plus Project Weekday Peak Hour Intersection Level of Service Analysis

No.	Intersection	Traffic Control	Cumulative (2028)				Cumulative (2028) plus Peak period Construction			
			AM Peak		PM Peak		AM Peak		PM Peak	
			Delay[1]	LOS	Delay[1]	LOS	Delay[1]	LOS	Delay[1]	LOS
1.	Green Valley Road/ Minto Road	Signal	17.0	B	21.9	C	17.1	B	22.9	C
2.	Green Valley Road/ Holohan Road	Signal	18.1	B	24.7	C	18.6	B	24.7	C

Notes: LOS = level of service.
[1] Delay in seconds per vehicle

Cumulative (Year 2028) Roadway Conditions

Less than Significant. Table 3.12-9 shows the results of the roadway segment LOS analysis under Cumulative Year conditions. As shown below, the roadway segments in the project vicinity are forecast to operate at an acceptable LOS under Cumulative Year conditions and would continue to operate at satisfactory LOS during the peak period of construction traffic.

Table 3.12-9. Cumulative plus Project Roadway Segment Level of Service Analysis

No.	Segment	Lanes	Design Capacity	Cumulative			Cumulative plus Project		
				Volume	V/C	LOS	Volume	V/C	LOS
1	Green Valley Road between Holohan Road and Minto Road	2L Arterial	27,100	17,186	0.62	B	17,296	0.64	B

Table 3.12-9. Cumulative plus Project Roadway Segment Level of Service Analysis

No.	Segment	Lanes	Design Capacity	Cumulative			Cumulative plus Project		
				Volume	V/C	LOS	Volume	V/C	LOS
2	Minto Road between Green Valley Road and Project Site	1L Connector	16,100	2,096	0.13	A	2,206	0.14	A

Notes: V/C = volume to capacity ratio; LOS = level of service.

In addition, Table 3.12-10 presents the cumulative and project-added average daily traffic on the roadways near the site, including the percentage of truck trips. The project would result in a 0.64% increase in total daily traffic on Green Valley Road and a 4.99% increase in total daily traffic on Minto Road.

Construction traffic could cause a substantial increase in truck traffic on both Green Valley Road and Minto Road, compared to the estimated cumulative daily truck traffic on these roads. There would be a 39.1% increase in truck traffic on Green Valley Road and 379.5% increase on Minto Road. However, this increase represents approximately six vendor trucks (12 PCE trips) during each hour and one haul truck (three PCE trips) during each hour, over the course of a 10-hour workday. While the increase in truck traffic, particularly on Minto Road, could potentially cause degradation of traffic operation on this local road segment, implementation of MM-TRA-1 would reduce the impact of increased traffic on both roadways.

Table 3.12-10. Estimated Cumulative Project Construction Trips on Regional Roadways

Roadway	Cumulative AADT[1]	Total Project AADT/ Percentage Change	Cumulative Truck AADT[1]	Project Truck AADT/ Percentage Change
Green Valley Rd., between Holohan Rd. and Minto Rd.	17,186	110/0.64%	220	86/39.1%
Minto Rd., between Green Valley Rd. and the project site	2,096	110/4.99%	23	86/379.5%

Notes: AADT = annual average daily traffic.

1 Volume estimated from average daily traffic counts conducted in October 2025. Cumulative truck volumes estimated based on percentage of existing peak hour truck trips.

Based on the above, the cumulative effect of the project would not be measurable and would be less than significant.

3.12.4 Mitigation Measures

All construction related trips would be temporary for the duration of project construction and background traffic volumes and travel patterns would return to pre-construction conditions upon the completion of construction. However, due to possible traffic delays due to slow-moving vehicles, as well as increased traffic on a residential street (Minto Road), **MM-TRA-1**, which would require a construction traffic management plan, is recommended in order to minimize temporary impacts during construction.

MM-TRAF-1

Prior to initiation of construction activities, a construction traffic management plan shall be prepared and filed with the County of Santa Cruz (County). The project applicant would also obtain all required transportation and haul permits from the California Department of Transportation and the County for construction truck traffic. Potential traffic management measures may include the following:

- Warning signage that meets County requirements for driver notification of construction activity in the vicinity of the project.
- Staggering work shifts to reduce peak periods of congestion.
- Scheduling truck deliveries outside of peak hours (7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m.).
- Use of flaggers in the event a partial lane closure is needed or access along Minto Road is hindered.
- Ensuring adequate parking is provided on site for construction personnel and trucks.
- Providing information packets for affected neighbors to bring awareness to the project activities and measures to minimize impacts.
- Informing emergency service providers of construction traffic schedule.
- Maintaining emergency vehicle access to the project site at all times.

3.12.5 Laws, Ordinances, Regulations, and Standards

Transportation for the project would be governed by federal, state, and local laws. Applicable laws and regulations address roadway circulation standards and hazardous material transportation requirements. Federal, state, and local LORS applicable to transportation are discussed below and summarized in Table 3.12-11.

Table 3.12-11. Laws, Ordinances, Regulations, and Standards Applicable to Transportation

Jurisdiction	Laws, Ordinances, Regulations, and Standards	Applicability	Project Conformity	Opt-In Application Reference
Federal	Code of Federal Regulations (CFR)	Provides standards for labels, placards, and markings on hazardous materials shipments by truck (Part 172), standards for packaging hazardous materials (Parts 173), and for transporting hazardous materials in tank cars (Part 179).	**Yes**. The project would be consistent with the CFR regulations by using applicable standards for labeling and packaging hazardous materials.	Section 3.12.5.1
State	California Environmental Quality Act (CEQA)	Requires state and local government agencies to inform decision makers and the public about the potential environmental impacts of proposed	**Yes**. The project's impact analysis provided, specifically, the VMT analysis has been prepared per CEQA requirements for	Section 3.12.2.3 Section 3.12.5.2

Table 3.12-11. Laws, Ordinances, Regulations, and Standards Applicable to Transportation

Jurisdiction	Laws, Ordinances, Regulations, and Standards	Applicability	Project Conformity	Opt-In Application Reference
		projects and to reduce those environmental impacts to the extent feasible.	transportation impact analysis.	
State	California Vehicle Code (CVC)	A rulebook containing information about traffic laws in California	**Yes**. The project would comply with the applicable provision of the CVC and apply for required transportation and encroachment permits from the agencies.	Section 3.12.5.2 Section 3.12.6 Section 3.12.7
Local	Santa Cruz County Regional Transportation Commission Regional Transportation Plan (RTP)	The RTP outlines transportation challenges and establishes investment priorities for all of Santa Cruz County. The plan includes lists of transit, highway, local road, bike, and pedestrian needs in the region and estimates the amount of local, state and federal dollars that may be available for these projects over the next 20 to 25 years.	**Yes**. The project would not conflict or impede the implementation of any plans or policies regarding proposed transit, roadway, bicycle, or pedestrian facilities.	Section 3.12.2.3 Section 3.12.5.3
Local	Santa Cruz County General Plan Access and Mobility Element	The Access and Mobility Element is intended to be the key policy statement of the County regarding transportation facilities and programs serving the unincorporated areas.	**Yes**. The project would not conflict or impede the implementation of any plans or policies regarding proposed transit, roadway, bicycle, or pedestrian facilities including the Santa Cruz General Plan.	Section 3.12.2.3 Section 3.12.5.3
Local	Santa Cruz County General Plan, Appendix H: Airport Land Use Compatibility Requirements + County Strategy.	The County's Airport Land Use Compatibility Requirements + County Strategy provides context for the policies and implementation measures regarding the County's approach to meeting statutory requirements for an airport land use compatibility plan for	**Yes.** The project is located outside of the mapped Noise Contours area and outside of the mapped Safety Compatibility Zones (County of Santa Cruz 2024b) and would not result in potential impacts to the airport.	Criterion 3.12-5 Section 3.12.2.3

Table 3.12-11. Laws, Ordinances, Regulations, and Standards Applicable to Transportation

Jurisdiction	Laws, Ordinances, Regulations, and Standards	Applicability	Project Conformity	Opt-In Application Reference
		Watsonville Municipal Airport.		
Local	Santa Cruz County Active Transportación Plan	The Santa Cruz County Active Transportation Plan was completed in 2022 and consolidates all bicycle and pedestrian related County plans and projects that are currently identified in the County General Plan, the Santa Cruz County Regional Transportation Commission Regional Transportation Plan, and other local documents.	**Yes**. The project would not conflict or impede the implementation of any plans or policies regarding proposed transit, roadway, bicycle, or pedestrian facilities including the Santa Cruz County Active Transportation Plan (County of Santa Cruz 2022).	Criterion 3.12-3 Section 3.12.5.3
Local	Transportation Impact Analysis (TIA) Guidelines, Traffic Control Requirements	Includes guidance and requirements for VMT analysis of development and transportation projects, including project screening, analysis methodology, significance criteria, impact assessment, and mitigation strategies.	**Yes**. The project's impact analysis addresses the VMT and operational analysis and criteria detailed in the County's TIA Guidelines, as they apply to the proposed project.	Section 3.12.2.3 Section 3.12.5.3

3.12.5.1 Federal

Code of Federal Regulations

Title 49, Parts 172, 173, and 179

Code of Federal Regulations (CFR) Title 49, Part 172 primarily deals with the labeling, marking, and placarding of hazardous materials for transportation. It establishes standards for how hazardous materials must be labeled and marked on packages, containers, and vehicles to communicate their contents and associated risks effectively.

CFR Title 49, Part 173 focuses on the general requirements for the shipping of hazardous materials. It includes regulations for packaging, including specifications for various types of containers, as well as rules for classifying, describing, and documenting hazardous materials. Section 173 also covers the conditions and exceptions under which certain hazardous materials can be transported and provides guidelines for emergency response information and training.

CFR Title 49, Part 179 pertains to the transportation of hazardous materials in the United States. This section outlines design, construction, and testing standards for portable tanks, as well as operational and maintenance procedures to ensure the safe transport of hazardous materials.

The project would appropriately label, package, and transport hazardous materials in accordance with CFR Title 49, Parts 172, 173, and 179. Therefore, the project would comply with these requirements.

Title 49, Part 397.9 (Hazardous Materials Transportation Act of 1974)

The Hazardous Materials Transportation Act of 1974 regulates the transportation of hazardous materials in commerce. This act establishes a framework for safe and secure handling, labeling, packaging, and transportation of hazardous materials. It empowers the U.S. Department of Transportation to develop and enforce regulations to minimize the risks associated with transporting hazardous materials on highways, railways, waterways, and in the air. The act also sets penalties for violations and provides funding for research, training, and emergency response planning related to hazardous materials transportation.

The project would transport hazardous materials in accordance with all applicable federal, state, and local regulations, including the Hazardous Materials Transportation Act of 1974, and thus would comply with this requirement.

Title 49, Parts 350–399 (Federal Motor Carrier Safety Regulations)

The Federal Motor Carrier Safety Regulations oversee and regulate commercial motor carriers, drivers, and the safe operation of commercial motor vehicles. Parts 350–399 address various aspects of motor carrier safety, including driver qualifications, hours of service, vehicle inspections and maintenance, and commercial driver's license requirements. Additionally, these parts also regulate hazardous materials transportation, including the classification, packaging, and labeling of hazardous materials, as well as safety standards for transporting these materials.

The project would transport hazardous materials in accordance with all applicable federal, state, and local regulations, including the Federal Motor Carrier Safety Regulations, and thus would comply with this requirement.

Title 14, Part 77.9

CFR Title 14, Part 77.9 requires an applicant to notify the Federal Aviation Administration of the construction of structures exceeding 200 feet above ground level or exceeding defined imaginary surfaces within 20,000 feet of the nearest point of the nearest runway of an airport with at least one runway longer than 3,200 feet or within 10,000 feet of the nearest point of the nearest runway of an airport with the longest runway no more than 3,200 feet.

The project would not trigger this requirement and would thus conform with CFR Title 14, Part 77.9.

3.12.5.2 State

California Environmental Quality Act

CEQA requires state and local government agencies to inform decision makers and the public about the potential environmental impacts of the project and to reduce environmental impacts to the extent feasible. Appendix G of the CEQA Guidelines includes recommended criteria for evaluating potential impacts related to traffic and transportation.

The project's impact analysis provided in Section 3.12.2, specifically the VMT analysis, has been prepared per CEQA requirements for transportation impact analysis.

California Streets and Highways Code

The California Streets and Highways Code specifically pertains to the planning, construction, maintenance, and regulation of streets and highways within the State of California. Specifically, the California Streets and Highways Code includes regulations regarding highway designation, highway construction, highway maintenance, eminent domain, public transportation, bicycle and pedestrian infrastructure, emergency services, and traffic control.

Project vehicular transportation would comply with all applicable federal, state, and local regulations, including the California Streets and Highways Code, and thus would conform with this requirement.

California Senate Bill 743

On September 27, 2013, SB 743 was signed into law, which created a process to change the way transportation impacts are analyzed under CEQA. SB 743 required the OPR to amend the CEQA Guidelines to provide an alternative to LOS as the metric for evaluating transportation/traffic impacts. Under the new transportation guidelines, LOS or vehicle delay, is no longer considered an environmental impact under CEQA. Amendments to the CEQA Guidelines required under SB 743 were approved on December 28, 2018, and the new Section 15064.3 identifies VMT as the most appropriate measure of transportation impacts under CEQA effective July 1, 2020. Related legislation, SB 32 (2016), requires California to reduce greenhouse gas emissions 40% below 1990 levels by 2030. The California Air Resources Board has determined that it is not possible to achieve this goal without reducing VMT growth, and specifically, California needs to reduce per capita VMT across all economic sectors. SB 743 is primarily focused on passenger-cars and the reduction in per capita VMT as it relates to individual trips.

The OPR Technical Advisory (OPR 2018) provides guidance and tools to properly carry out the principles within SB 743 and evaluate transportation impacts under CEQA. The County of Santa Cruz CEQA Transportation Analysis Guidelines and OPR's Technical Advisory have been used to evaluate the proposed project.

California Department of Transportation

As the owner and operator of the state highway system, Caltrans implements established state planning priorities in all functional plans, programs, and activities. Caltrans has the responsibility to coordinate and consult with local jurisdictions when proposed local land use planning and development may impact state highway facilities. To comply with SB 743 implementation, the Caltrans Transportation Impact Study Guide (Caltrans 2020) replaced the Guide for the Preparation of Traffic Impact Studies (Caltrans 2002). Per the 2020 Transportation Impact Study Guide, Caltrans' primary review focus is VMT, replacing LOS as the metric used in CEQA transportation analyses. Caltrans recommends use of OPR's recommended thresholds and guidance on methods of VMT assessment found in OPR's Technical Advisory (OPR 2018). In addition to VMT, Caltrans has developed the Caltrans Local Development Review (LDR) Safety Review Practitioner's Guidance (Caltrans 2024), which may request a targeted operational and safety analysis to address a specific geometric or operational issue related to the state highway system and connections with the state highway system.

Since the permanent operation of the project is expected to generate a nominal number of trips, there are no long-term operational issues anticipated and no further analysis required.

California Vehicle Code

The CVC consists of a comprehensive set of laws and regulations that govern the operation and use of vehicles on the roadways within the State of California. Specifically, the CVC addresses traffic regulations, driver's licensing, vehicle registration, vehicle equipment, safety regulations, parking and towing, commercial vehicle standards, environmental regulations, and penalties and enforcement.

Project vehicular transportation would comply with all applicable federal, state, and local regulations, including the CVC, and thus would conform with this requirement.

The following CVC and other code sections would apply to the proposed project:

- CVC Sections 13369, 15275, and 15278 address the licensing of drivers and classifications of licenses required to operate particular types of vehicles.
- CVC Sections 32100.5 addresses the transportation of hazardous materials that pose an inhalation hazard.
- Title 13 of the California Code of Regulations, Section 1160, et seq. provides the CHP with authority to adopt regulations for the transportation of hazardous materials in California. The CHP can issue permits and specify the route for hazardous material delivery.
- CVC Section 31303 stipulates that the transportation of regulated substances and hazardous materials are required to be carried out via the most direct route, using state or interstate highways whenever possible.
- California Streets and Highways Code Sections 660, 670, 1450, 1460 et seq. 1470, and 1480 regulate right-of-way encroachment and granting of permits for encroachments on state and county roads.
- California Streets and Highways Code Sections 117 and 660–711 and CVC Sections 35780 et seq. require permits to transport oversized loads on county roads. California Streets and Highways Code Sections 117 and 660–711 require permits for any construction, maintenance, or repair involving encroachment on state highway rights-of-way. CVC Section 35780 requires approval for a permit to transport oversized or excessive loads over state highways.
- Caltrans weight and load limitations for state highways apply to all state and local roadways. The weight and load limitations are specified in CVC Sections 35550 to 35559. The following provisions from the CVC apply to all roadways and are therefore applicable to this project.
    - General provisions: The gross weight imposed upon the highway by the wheels on any axle of a vehicle shall not exceed 20,000 pounds and the gross weight upon any one wheel, or wheels, supporting one end of an axle, and resting upon the roadway, shall not exceed 10,500 pounds.
    - The maximum wheel load is the lesser of the following: (a) the load limit established by the tire manufacturer, or (b) a load of 620 pounds per lateral inch of tire width, as determined by the manufacturer's rated tire width.
    - Vehicles with trailers or semi-trailers: The gross weight imposed upon the highway by the wheels on any one axle of a vehicle shall not exceed 18,000 pounds and the gross weight upon any one wheel, or wheels, supporting one end of an axle and resting upon the roadway, shall not exceed 9,500 pounds, except that the gross weight imposed upon the highway by the wheels on any front steering axle of a motor vehicle shall not exceed 12,500 pounds.

As discussed in Sections 3.12.6 and 3.12.7, the project would comply with the applicable provisions of the CVC and apply for required transportation and encroachment permits from the agencies.

3.12.5.3 Local

This section reviews compliance with all relevant local LORS without regard to their applicability as a matter of law.

Santa Cruz County Regional Transportation Commission Regional Transportation Plan

The Santa Cruz County Regional Transportation Commission Regional Transportation Plan is a state-mandated, long-range planning document that serves as a guide for future transportation funding decisions (SCCRTC 2022). The Regional Transportation Plan outlines transportation challenges and establishes investment priorities for all of Santa Cruz County. The plan includes lists of transit, highway, local road, bike, and pedestrian needs in the region and estimates the amount of local, state, and federal dollars that may be available for these projects over the next 20 to 25 years. The plan is updated every 4 years to reflect the latest funding estimates and project needs. The 2050 Regional Transportation Plan is currently underway and scheduled for adoption in June 2026.

Santa Cruz County General Plan Access and Mobility Element

The Access and Mobility Element is intended to be the key policy statement of the County regarding transportation facilities and programs serving the unincorporated areas. The following principles guide the Access and Mobility Element (County of Santa Cruz 2024a):

> Transportation Choices. Develop safe, reliable, and efficient transportation choices to improve air quality, reduce greenhouse gas emissions, promote public health, and enhance quality of life. Recognize that specific strategies to promote transportation alternatives will vary depending on the unique characteristics of different places.
>
> Unique Community Character. Enhance the unique characteristics of communities by investing in healthy, safe, attractive, and walkable neighborhoods and efficient transportation choices between communities. Focus County investment within existing communities to increase community vitality, provide infrastructure efficiently, increase mobility, and promote social connections while protecting open space and existing community assets.
>
> Governmental Coordination. Align policies and funding among local, County, regional, and State governmental agencies, including schools and colleges. Remove barriers to collaboration, leverage funding, improve local control over local resources, and increase the effectiveness of all levels of government that impact growth and development in Santa Cruz County. Improve financial sustainability of city and county governments, especially given the loss of redevelopment financing for local infrastructure projects.
>
> Fiscal Sustainability. Recognize that there is a significant gap between the level of governmental revenue that is generated by the existing land use pattern in Santa Cruz County and the level that is needed to sustainably fund necessary public facilities and services. Promote development patterns and specific land uses that generate revenues to provide the infrastructure and services necessary for thriving communities. Recognize that economic development projects help fiscal health by generating revenues that enable high quality public services.

The following goals and policies applicable to the project are presented below (County of Santa Cruz 2024a).

Goal AM-1.0 Manage Travel Demand + Reduce Greenhouse Gases. Reduce automobile trips and VMT by increasing the use of non-drive alone transportation modes through an effective transportation demand management (TDM) program and land use planning that reduces the distance people need to travel for jobs, goods and services.

Objective AM-1.1 Vehicle Miles Traveled + Greenhouse Gas Emissions. To respond to climate change by reducing greenhouse gases in compliance with regional and state goals by reducing per capita VMT and encouraging clean air vehicle usage.

Policy AM-1.1.1 Vehicle Miles Traveled Impacts. Maintain a VMT threshold that best supports statewide and regional greenhouse gas reduction goals as determined by the best available data and modeling practices.

Goal AM-2.0 Complete Streets. Provide streets that are safe, comfortable, and convenient for all modes and people of all ages and abilities.

Objective AM-2.1 All Transportation Modes. To integrate "Complete Streets" improvements into the design, construction, and maintenance of the County's roadways to increase access and mobility for motorists, pedestrians, bicyclists, and transit users.

Goal AM-6.0 Transportation System Maintenance + Operations. Maintain the existing transportation system cost effectively to maximize the utility of existing investments and protect public safety.

Objective AM-6.1 Maintenance + Safety. To prioritize improvements to transportation system efficiency and safety.

Objective AM-6.2 Level of Service. To design new development to minimize congestion, thereby increasing the efficiency of the transportation system.

Policy AM-6.2.1 Level of Service Criteria. Require development projects to provide multimodal roadway improvements necessary to achieve a minimum level of service (LOS) of "D," except for those where a lesser LOS has been accepted by the County pursuant to the criteria specifically identified in Table 3-2. When development is proposed on roads where a LOS E or F standard has been accepted, require feasible mitigation in the form of road improvements, a fair share contribution to a road improvement program, or other in-lieu mitigation for the transportation system.

Goal AM-3.0 Equitable Access (EJ). Improve transportation access and mobility opportunities for disadvantaged communities to access jobs, goods, nutritional food, healthcare, services, and parks through integrated land use and transportation planning.

Objective AM-3.1 Enhance Transit (EJ). To work with regional and local public agencies to increase transit service and frequency connecting disadvantaged communities to jobs, goods, food and services.

Objective AM-3.2 First + Last Mile Gaps. To address first and last mile gaps to access transit service through active transportation improvements and services.

Santa Cruz County Active Transportation Plan

The Santa Cruz County Active Transportation Plan (County of Santa Cruz 2022) was completed in 2022 and consolidates all bicycle and pedestrian-related County plans and projects that are currently identified in the County General Plan, the Santa Cruz County Regional Transportation Commission Regional Transportation Plan, and other local documents. It is intended to aid County planners and engineers in selecting and implementing specific bicycle and pedestrian projects and improvements with the goal of increasing bicycling, walking, and safety within unincorporated County lands. The Active Transportation Plan is consistent with and implements action statements of the Access and Mobility Element.

Santa Cruz County Airport Land Use Compatibility Requirements + County Strategy

The County's Airport Land Use Compatibility Requirements + County Strategy (Appendix H of the General Plan) (County of Santa Cruz 2024b) provides context for the policies and implementation measures contained in General Plan Objective BE-5.4: Airport and Airspace Land Use Compatibility and Safety, specifically regarding the County's approach to meeting statutory requirements for an airport land use compatibility plan for Watsonville Municipal Airport. The basic function of airport land use compatibility policy in the County is to promote compatibility between the Watsonville Municipal Airport and existing and future land uses in the unincorporated areas of the County that surround it, to recognize the extent to which these areas may already be developed with incompatible uses, and to comply with state statutes, regulations, and other laws governing land uses surrounding the airport.

An AIA is the area or areas in which current or future airport-related noise, overflight, safety, and/or airspace protection factors may significantly affect land uses or necessitate restrictions on land use. According to Public Utilities Code Section 21675.1(b) the AIA must encompass land within 2 miles of the boundaries of the Watsonville Municipal Airport. Land use compatibility concerns to be addressed within the AIA fall under two broad headings identified in state law: noise and safety. However, for purposes of formulating compatibility policies and criteria, further dividing these basic concerns into four functional categories is more practical. These categories are (1) exposure to aircraft noise, (2) land use safety with respect both to people and property on the ground and the occupants of aircraft, (3) protection of airport airspace, and (4) general concerns related to aircraft overflights.

3.12.6 Agencies and Agency Contacts

Several agencies regulate traffic and transportation and would be involved in regulating transportation, including transportation of hazardous materials, to and from the project site. Regulatory agency contacts are shown in Table 3.12-12.

Table 3.12-12. Permits and Agency Contacts

Permit or Approval	Agency Contact	Applicability
Transportation Permit for Oversized Loads	Caltrans Permit Officer on Duty, Caltrans, Transportation Permits Issuance Branch 916.322.1297 Santa Cruz County Department of Public Works, Transportation Permits Transportation@santacruzcounty.us 831.454.2385	Yes

Table 3.12-12. Permits and Agency Contacts

Permit or Approval	Agency Contact	Applicability
Hazardous Materials Transportation License	California Highway Patrol Hazardous Material Licensing Program 916.843.3400	Yes
Santa Cruz County Haul Route – Encroachment Permit	Santa Cruz County Department of Public Works, Transportation Permits Transportation@santacruzcounty.us 831.454.2385	Yes

3.12.7 Permits and Permit Schedule

Table 3.12-13 lists the permits related to traffic and transportation and the permit schedule. The vehicles used to transport heavy equipment and construction materials would require transportation permits when they exceed the size, weight, width, or length thresholds set forth in Section 35780 of the CVC, Sections 117 and 660–711 of the California Streets and Highways Code, and Sections 1411.1 to 1411.6 of the California Code of Regulations. Affected vehicles would be required to obtain transportation permits from the County, Caltrans, or from any other affected agency. Transport route arrangements would be required with Caltrans and CHP officials for permitting and escort, as applicable. Transportation of hazardous materials to and from the project would be conducted in accordance with CVC Section 31303.

Table 3.12-13. Permits and Permit Schedule for Transportation

Permit	Schedule	Status
Single/annual-trip transportation permit for oversized loads and oversized vehicles	Obtain when necessary, 2-hour (single trip) to 2-week (annual trip) processing time.	Will be obtained prior to construction
Hazardous Materials Transportation License	Obtain when necessary, approximately 2-week processing time	Will be obtained prior to construction
Encroachment Permit	Obtain when necessary, approximately 2-week processing time	Will be obtained prior to construction

3.12.8 References

Caltrans (California Department of Transportation). 2002. *Guide for the Preparation of Traffic Impact Studies*. December 2002. Accessed December 2025. https://rosap.ntl.bts.gov/view/dot/27512.

Caltrans. 2020. *Vehicle Miles Traveled-Focused Transportation Impact Study Guide*. May 20, 2020. Accessed December 2025. https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/sb-743/2020-05-20-approved-vmt-focused-tisg-a11y.pdf.

Caltrans. 2024. *Local Development Review (LDR) Safety Review Practitioner's Guidance*. February 2024. Accessed December 2025.https://dot.ca.gov/-/media/dot-media/programs/safety-programs/documents/202402-ldr-safety-review-practitioners-guidance-a11y.pdf.

City of Watsonville. 2025. "Watsonville Municipal Airport." Accessed December 2025. https://www.watsonville.gov/320/About-Us.

County of Santa Cruz. 2022. *Santa Cruz County Active Transportation Plan*. Accessed December 2025. https://cdi.santacruzcountyca.gov/Portals/35/CDI/PublicWorks/Transportation/Traffic%20Engineering/SCC_ATP_Final_web.pdf?ver=lB8_5AVR6x97vFp7oSECSg%3D%3D.

County of Santa Cruz. 2024a. *Santa Cruz County Access and Mobility Element*. March 18. Accessed December 2025. https://cdi.santacruzcountyca.gov/Planning/PolicyPlanning/General,TownVillagePlans.aspx.

County of Santa Cruz. 2024b. *Santa Cruz County General Plan, Appendix H: Airport Land Use Compatibility Requirements + County Strategy*. March 18, 2024. Accessed December 2025. https://cdi.santacruzcountyca.gov/Portals/35/CDI/Planning/Policy/GeneralPlanTownPlans/General%20Plan%20Appendices/GP_AppH_AirportLandUseComp_FINAL.pdf?ver=O2rSEMBZMAr5Ws-1TBPYfQ%3d%3d&timestamp=1712077010697.

County of Santa Cruz. 2025a. *Analyzing Vehicle Miles Traveled for CEQA Compliance, SB 743 Implementation Guidelines for the County of Santa Cruz*. July 2025. Accessed December 2025. https://cdi.santacruzcountyca.gov/UPC/GetInvolved/CEQAInitialStudiesEIRs/VehicleMilesTraveled(VMT).aspx.

County of Santa Cruz. 2025b. "Discretionary Permits Viewer." Santa Cruz Community Development and Infrastructure, Planning Division. Accessed December 2025. https://sccgis.maps.arcgis.com/apps/instant/nearby/index.html?appid=fc602b7f6458486eb1e2f5955b4789d8&sliderDistance=1#find=2801-2999%20Sandy%20Ln%2C%20Santa%20Cruz%2C%20California%2C%2095062.

Metro (Santa Cruz Metropolitan Transit District). 2025. "Routes & Schedules." Accessed December 2025. https://www.scmtd.com/en/.

National Academies of Sciences, Engineering, and Medicine. 2022. *Highway Capacity Manual 7th Edition: A Guide for Multimodal Mobility Analysis*. Washington, DC: The National Academies Press. DOI: https://doi.org/10.17226/26432.

OPR (Governor's Office of Planning and Research). 2018. *Technical Advisory on Evaluating Transportation Impacts in CEQA. State of California*. December 2018. Accessed December 2025. https://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf.

SCCRTC (Santa Cruz County Regional Transportation Commission). 2022. *2045 Regional Transportation Plan for Santa Cruz County*. June 2022. Accessed December 2025. https://sccrtc.org/wp-content/uploads/2022/06/Final%202045%20RTP.pdf.

Transportation Research Board. 2022. *Highway Capacity Manual, Seventh Edition: A Guide for Multimodal Mobility Analysis.*

SOURCE: ESRI Imagery Accessed 2024

DUDEK

0 500 1,000 Feet

Figure 3.12-1

Project Site Location

Seahawk Battery Energy Storage System Project

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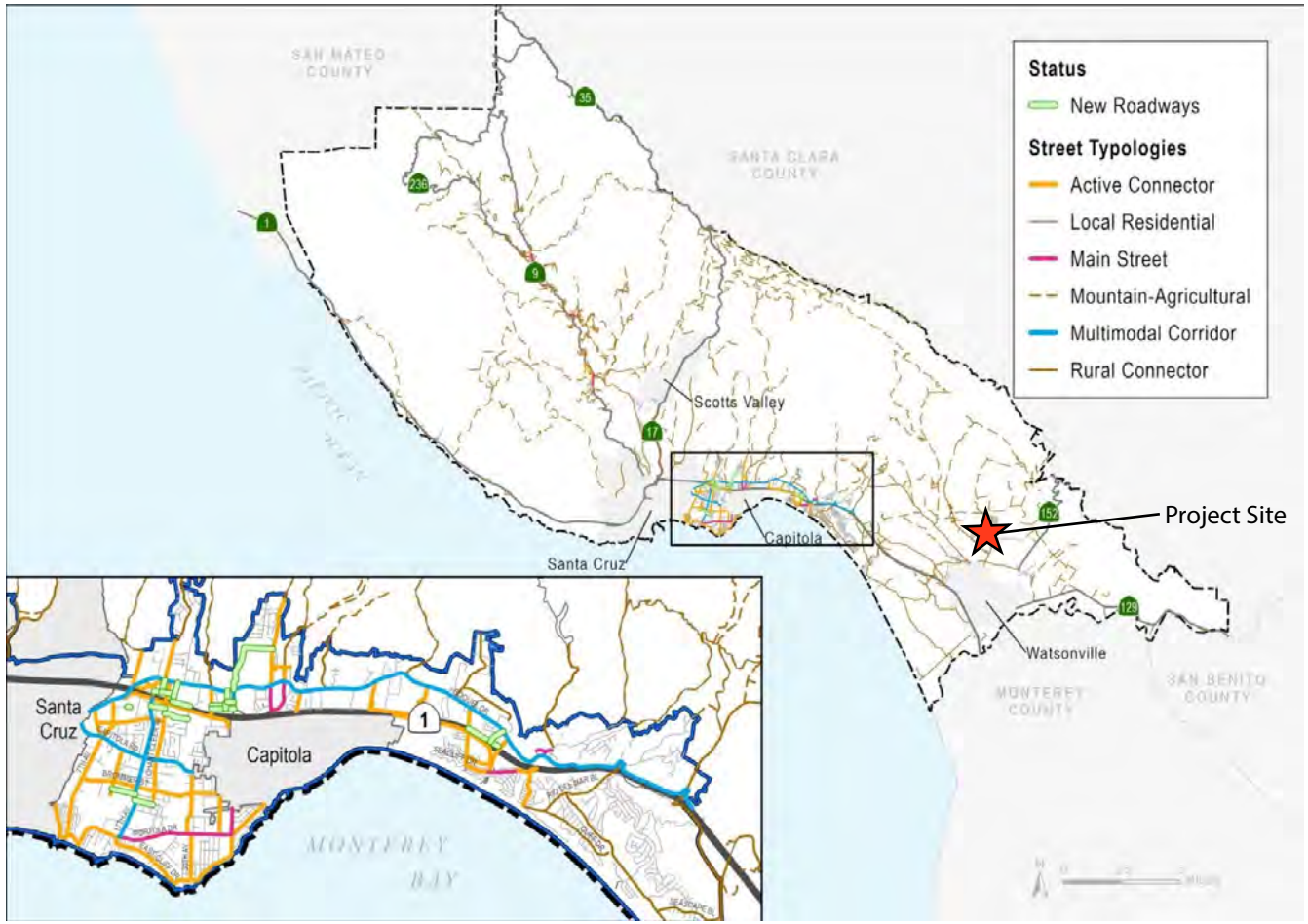

SOURCE: County of Santa Cruz

FIGURE 3.12-2

Santa Cruz Existing and Planned Roadway Facilities

Seahawk Battery Energy Storage System Project

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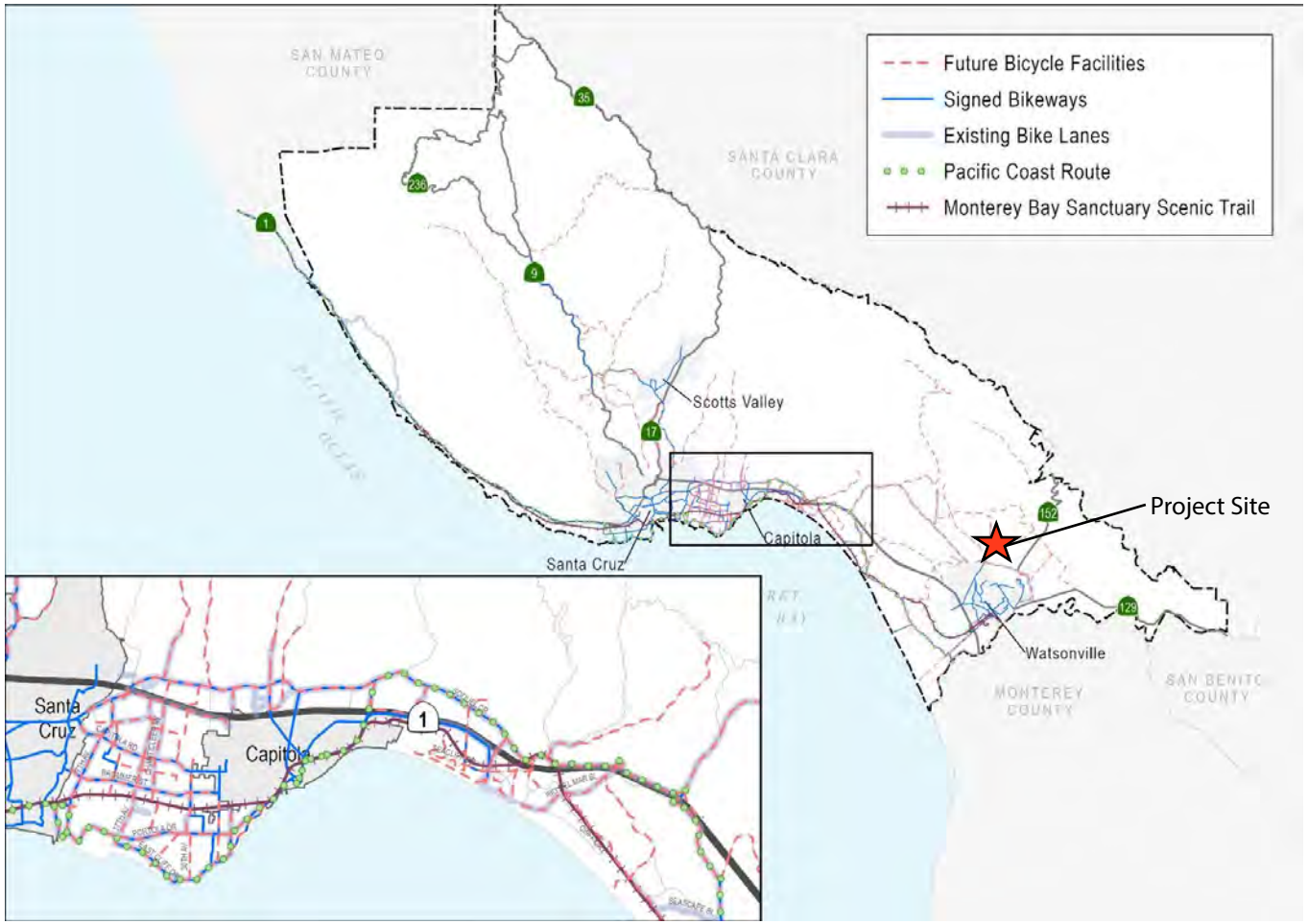

SOURCE: County of Santa Cruz

FIGURE 3.12-3

Bicycle Facilities

Seahawk Battery Energy Storage System Project

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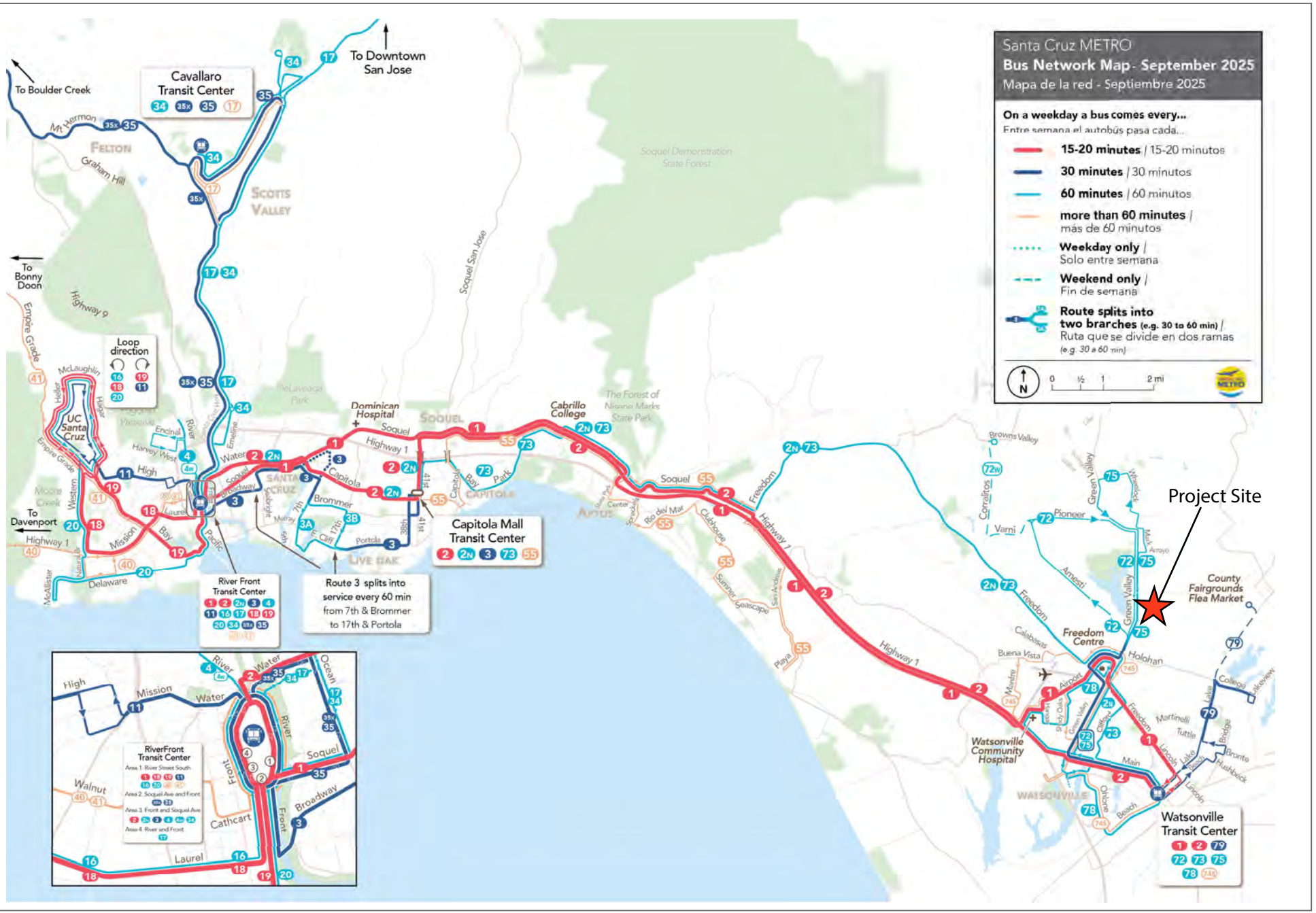

SOURCE: Santa Cruz Metro

FIGURE 3.12-4

Transit Facilities

Seahawk Battery Energy Storage System Project

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SOURCE: ESRI Imagery Accessed 2024

Figure 3.12-5

Construction Project Passenger Vehicle Trip Distribution

Seahawk Battery Energy Storage System Project

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0 500 1,000 Feet

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SOURCE: ESRI Imagery Accessed 2024

DUDEK

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Figure 3.12-6

Construction Project Truck Trip Distribution

Seahawk Battery Energy Storage System Project

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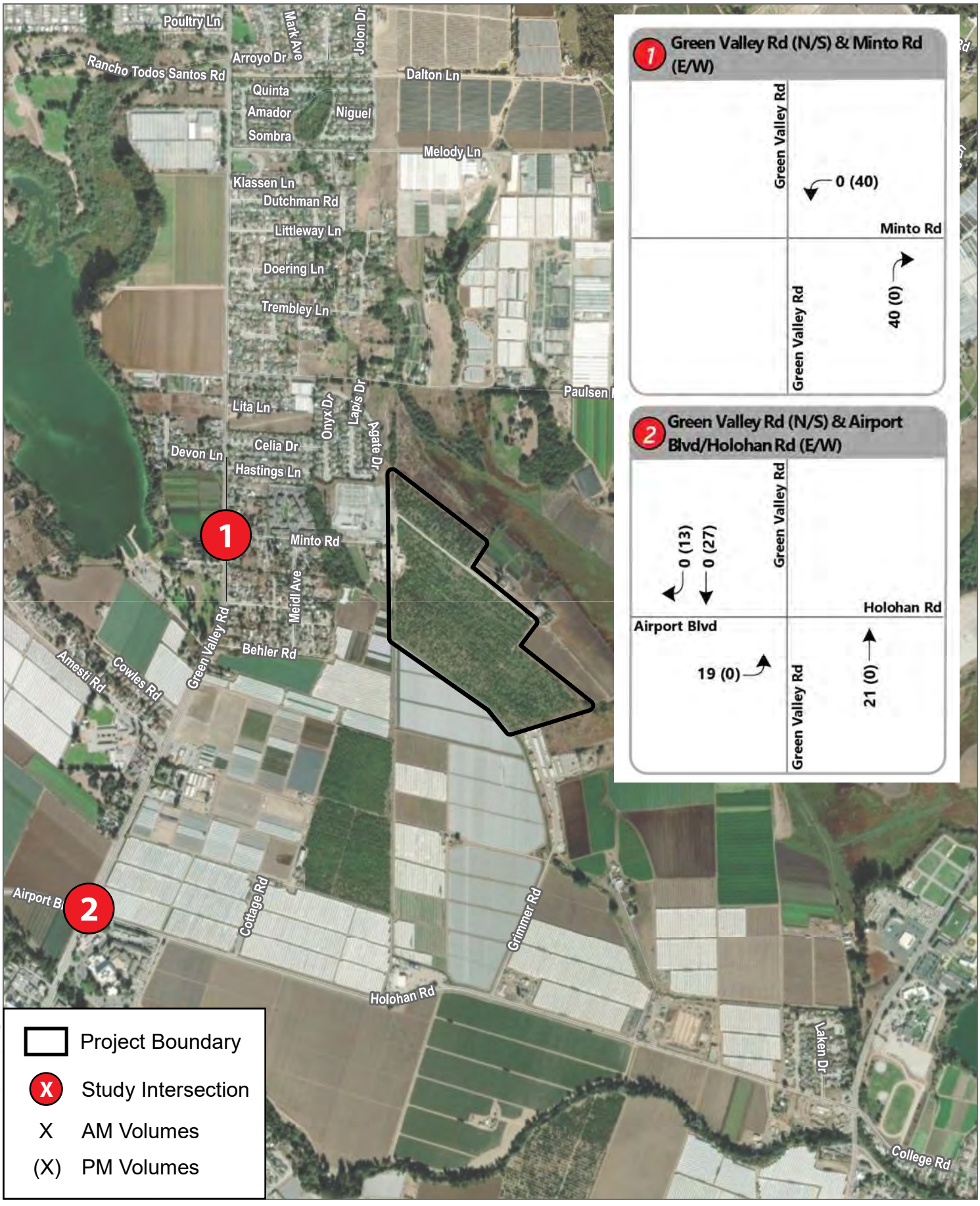

SOURCE: ESRI Imagery Accessed 2024

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Figure 3.12-7
Construction Project Passenger Vehicle Trip Assignment
Seahawk Battery Energy Storage System Project

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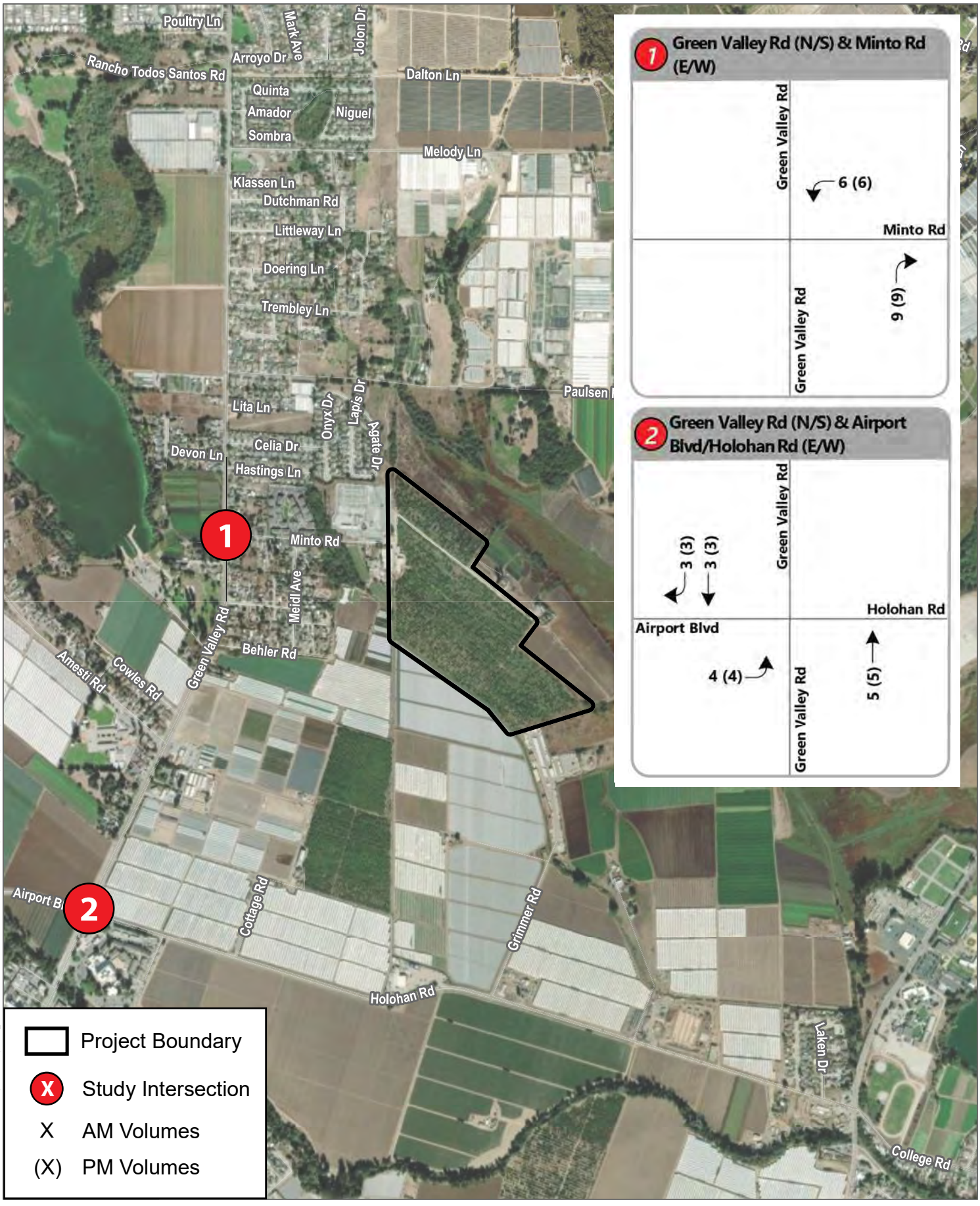

SOURCE: ESRI Imagery Accessed 2024

Figure 3.12-8

Construction Project Truck Trip Assignment (PCE)

Seahawk Battery Energy Storage System Project

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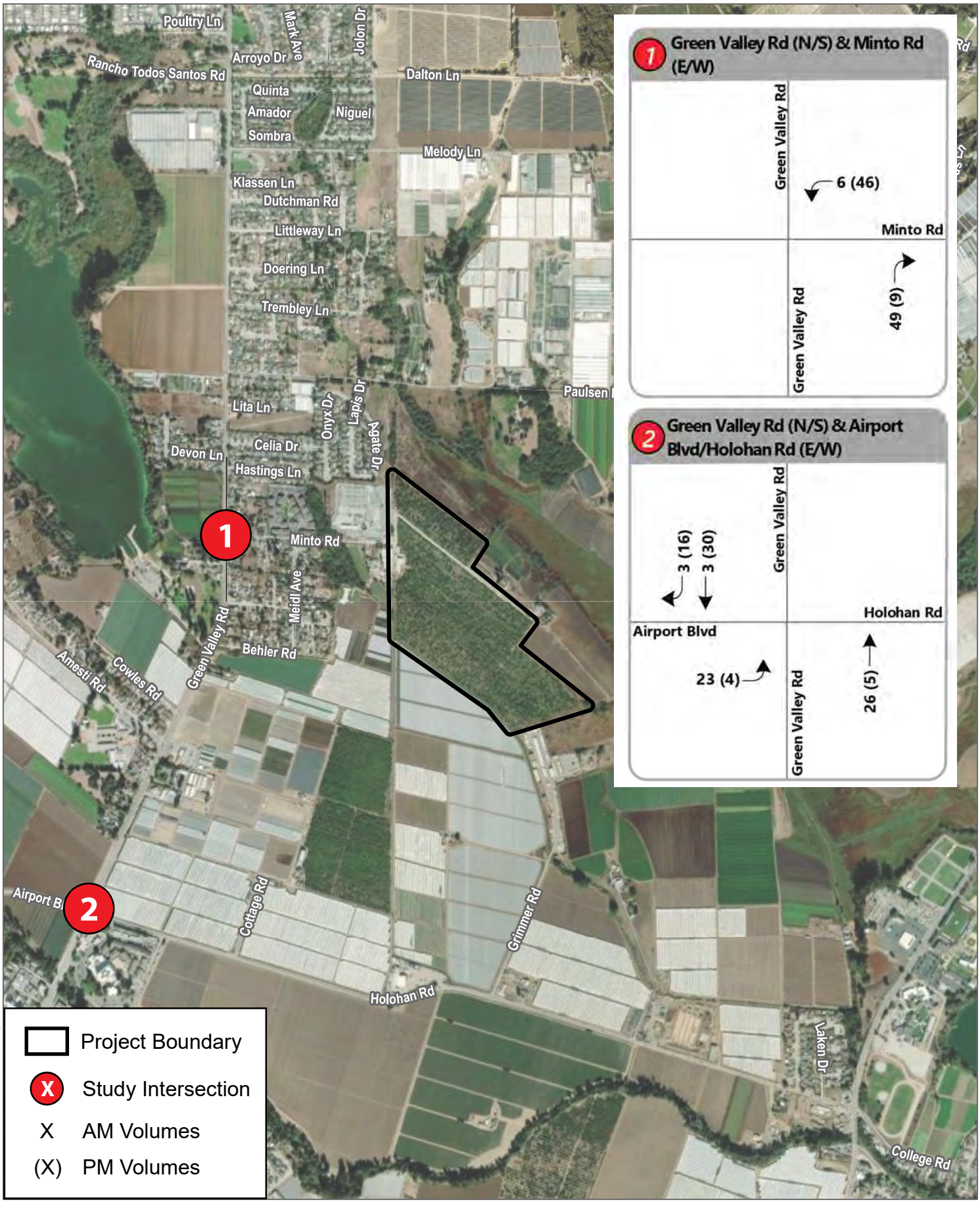

SOURCE: ESRI Imagery Accessed 2024

Figure 3.12-9

Construction Project Total Trip Assignment (PCE)

Seahawk Battery Energy Storage System Project

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SOURCE: Santa Cruz County 2024

FIGURE 3.12-10a

Watsonville Municipal Airport Influence Area (AIA)

Seahawk Battery Energy Storage System Project

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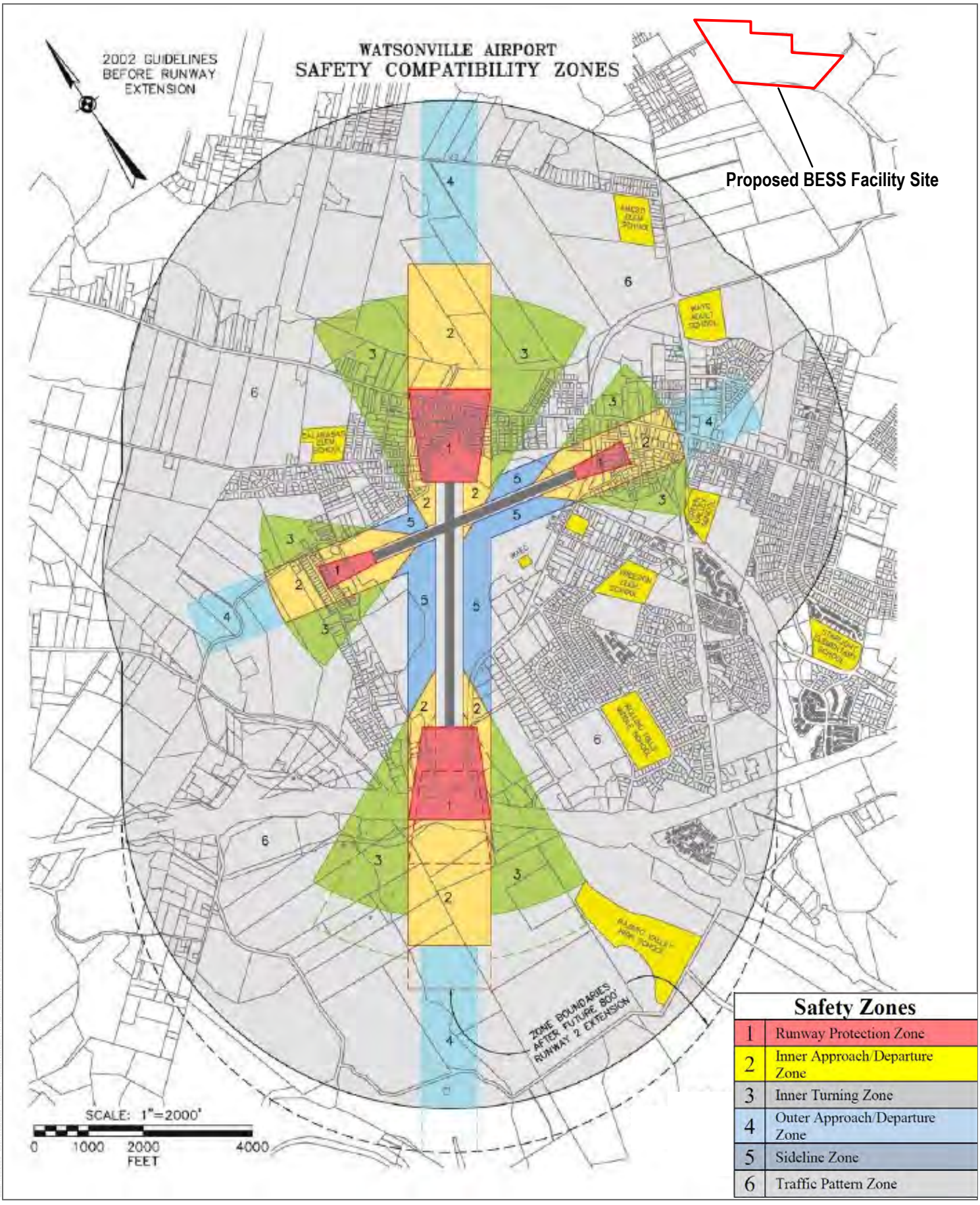

SOURCE: Roper Engineering 2003

FIGURE 3.12-10b

Watsonville Municipal Airport Master Plan Safety Compatibility Zones

Seahawk Battery Energy Storage System Project

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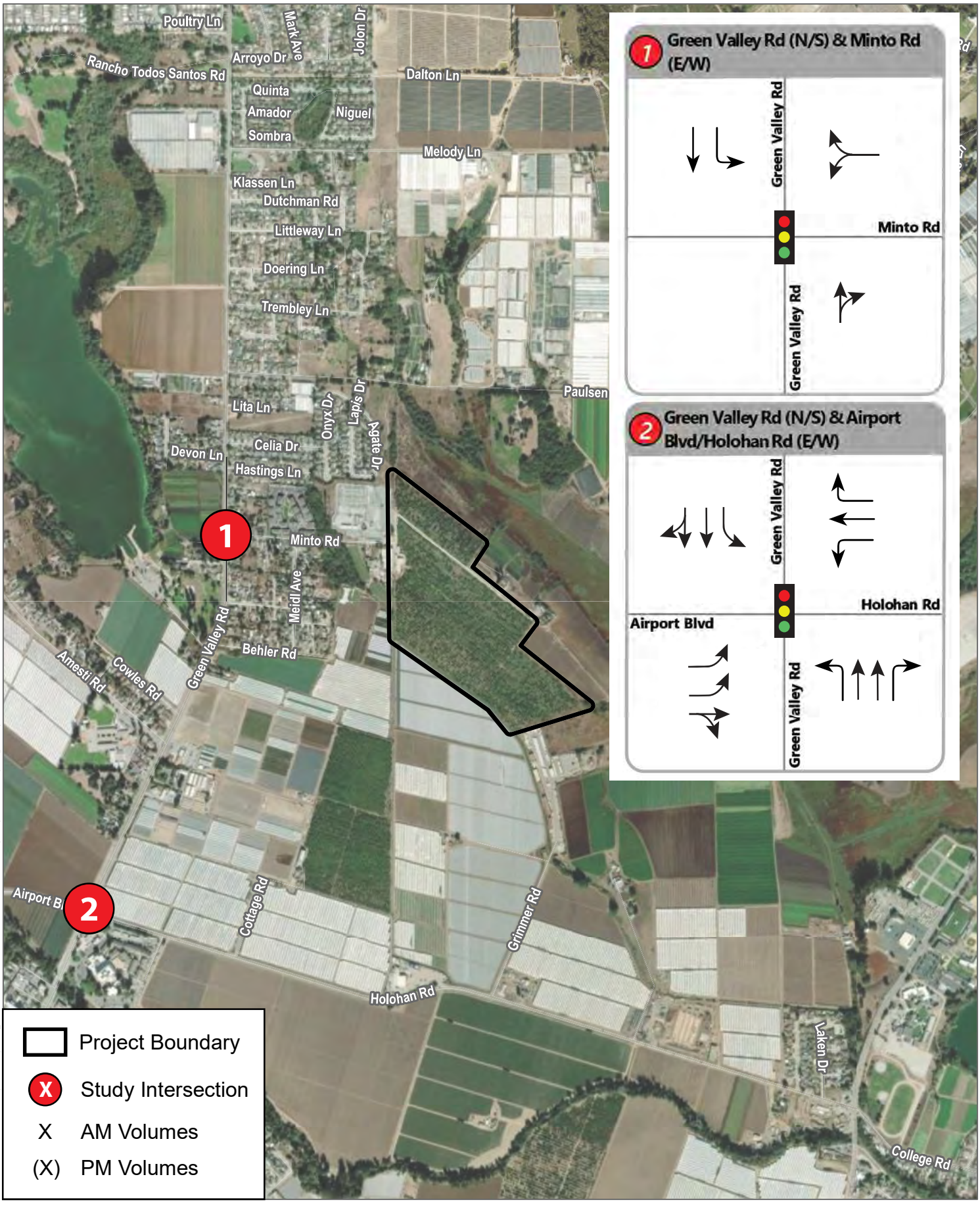

SOURCE: ESRI Imagery Accessed 2024

DUDEK

0 500 1,000 Feet

Figure 3.12-11

Existing Intersection Controls and Geometrics

Seahawk Battery Energy Storage System Project

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